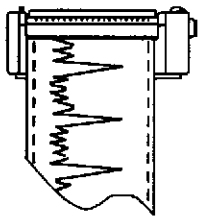
PHASE I
ENVIRONMENTAL SITE ASSESSMENT

FORMER SERVICE MANUFACTURING
2400 BAUMANN AVENUE, SAN LORENZO, CALIFORNIA

Prepared by:



ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DRIVE #2
SAN JOSE, CALIFORNIA 95128
408.248.5892

Prepared For:

Gallo Salame
2411 Baumann Avenue
San Lorenzo, California

Prepared by:

Tom Price
Project Manager

Thomas A. Sparrowe R.G.
Environmental Specialist

Report issued March 27, 1996

PHASE I
ENVIRONMENTAL SITE ASSESSMENT

Former Service Manufacturing Facility
2400 Baumann Avenue
San Lorenzo, California

1.0 SCOPE OF WORK

1.1 Purpose

The purpose of this Phase I Environmental Site Assessment is to identify, to the extent feasible pursuant to the processes prescribed herein, recognized environmental conditions in connection with the former Service Manufacturing facility, located at 2400 Baumann Avenue, San Lorenzo, California (the Site).

1.2 Involved Parties

GALLO SALAME (the Client) of San Lorenzo, California, engaged Environmental Testing & Mgmt. (ETM) of San Jose, California, to perform the Scope of Work presented in a proposal dated March 4, 1996.

1.3 Scope of Work

The Scope of Work was intended to meet the guidelines ~~the guidelines~~ set out by ASTM Standard Practice for Environmental Site Assessments (ASTM Designation: E1527-94). The Scope of Work included:

- A Site inspection by qualified environmental professionals to observe and assess Site characteristics of potential environmental concern;
- observation of adjacent properties and the Site vicinity by qualified environmental professionals to identify and assess site characteristics of potential concern;
- review of regulatory agency files;
- review of Site history/land use to identify potential uses that may have contributed to the presence of environmental concerns at the Site, and;
- development of this report.

2.0 PROPERTY DESCRIPTION

Figure 1 shows the Site Location. **Figure 2** shows the Site Map. **Appendix A** includes photographs taken of the site and adjacent properties by the Consultant on March 20, 1996. **Appendix B** includes photocopies of aerial photographs of the subject site dated 1957, 1966, 1985, and 1994.

2.1 Location and Legal Description

The subject Site property is an approximately 1.1154 acre polygonal parcel of land supporting a 15,400 square foot building located at 2400 Baumann Avenue, in San Lorenzo, Alameda County, State of California. The legal description for the parcel is as follows:

> Commencing at the intersection of the northwest corner of Parcel 3, Parcel Map 3111, Filed June 19, 1980, Map Book 119, Page 22, Alameda County Records, and Southeastern Line of Baumann Avenue; Thence from said point of beginning, north 53° 36' east, 60.00 feet to the actual point of beginning; thence from said point of

beginning, south 36° 24' east, 120.00 feet; thence south 53° 36' west, 20.00 feet; thence south 36° 24' east, 136.5 feet; thence south 53° 36' west, 40.00 feet to the northeast corner of said parcel 3; thence north 36° 24' west, 256.58 feet to said southeastern line of Baumann Avenue; thence north 53° 36' east, 60.00 feet to the actual point of beginning. Assessors parcel No. 438-0010-013-01.

The Site is situated in western San Lorenzo approximately 1/2 mile east of San Francisco Bay.

2.2 Site Improvements

The subject Site is approximately 1.1154 acre polygonal parcel of land improved with a warehouse-style concrete tilt up building with corrugated metal additions totaling approximately 15,400 square feet of floor space. The Main Building which is approximately 10,000 square feet was constructed in 1965. The Western Building Addition was added in 1972 (2,200 square feet) and the Eastern Building Addition (3,200 square feet) was added in 1991. The building is currently unoccupied. Four canopies are attached to the Main Building which are referred to in this report as the Western Canopy Area, Eastern Canopy Area, South Canopy Area, and the Compressor Canopy Area as denoted in **Figure 2.**

The Main Building houses approximately 1,000 square feet of office space on two levels. The interior walls of the office are finished with drywall and wood paneling. The ground floor of the office is covered with terrazzo tile reportedly installed by the Oakland Terrazzo Tile Company, the original occupant of the building.

An heating/air conditioning system with forced air ducting supplies the office areas. The remainder of the facility is heated by three 200,000 Btu natural gas heaters that are hung from the ceilings.

Potable water to the Site is provided by East Bay MUD. The electricity is provided by Pacific Gas and Electric and sanitary sewer service is provided by Oro Loma Sanitary District.

2.3 Adjacent Properties

The subject Site property is located in a commercial/industrial area zoned by the County of Alameda for heavy industrial use. The northwest property boundary is bordered by Baumann Avenue with Gallo Salame food manufacturing plant (2411 Baumann Avenue) beyond.

The northeast perimeter is bordered by 2364 Baumann Avenue which is improved by a vacant 20,000 square foot building that was built in 1978. This property was also occupied by Service Manufacturing for truck body fabrication and painting operations between 1978 and 1995. Environmental concerns noted at the 2364 Baumann Property included blue paint stains running across the concrete to the storm drain on the 2400 Baumann Avenue property. In general, surface runoff drainage from the 2364 property are towards the storm drain on the 2400 Baumann Avenue property.

Also in Gallo Salami @ 2411 Baumann

The southeast property boundary is bordered by Santini Foods Inc. at 16505 Worthley Drive. This property is listed with the State of California as a Leaking Underground Storage Tank site. The underground storage tank file was reviewed at the Alameda County Department of Environmental Health and the case is currently being considered for closure.

The southwest property boundary is bordered by J & S Trucking located at 2420-2440 Baumann Avenue. The readily observable environmental concern with this property is the presence of fuel tanker trucks at the property. A brief discussion with a worker at the site indicated that the primary use of the property is for parking trucks.

A levee maintained by the Alameda County Flood Control is located approximately 600 feet south of the Site. Another levee fed by San Lorenzo Creek is located approximately 2,600 feet to the northwest.

3.0 PROPERTY HISTORY

Historical research was conducted in order to ascertain historical land use and to identify hazardous material use, waste management, and general storage practices at the Site. The following historical sources were reviewed:

3.1 Title Search:

A visit to the County Assessors office and Alameda County Records office revealed the following information:

Sarah E. Abrams is the current property owner of the 2364 and 2400 Baumann Avenue properties and there was a boundary adjustment filed in 1991 to accommodate the Eastern Building Addition.

Current Owner:	Sarah E. Abrams (Deed Granted 11/3/83)
Former Owner:	Alice and Pella Alba Pianetta
Former Owner:	Ermina Pella (Deed granted 8/1/69)
Former Owner:	Anselmo Pella
Former Owner	APJ Investments
Former Owner:	Edward H. and Agnes Morjig (Deed Granted 4/2/64)
Former Owner:	David D. Bohannon Organization

3.2 Interviews:

On March 18, 1996, Mrs. Sarah Abrams, the owner of the Site was interviewed on the telephone and was requested to provide information concerning (1) her awareness of Site history; and (2) onsite hazardous materials use, storage, and disposal practices at the Site. Mrs. Abrams explained that her husband, the late Mr. Abrams had run Service Manufacturing from 1972 until he passed away in 1988. Mrs. Abrams sold the business in 1990. Mrs. Abrams stated that prior usage of the facility included making tile from rock. Mrs. Abrams suggested that ETM contact Dallas Dodson, one of the original founders of Service Manufacturing who worked at the facility until it closed in 1995. ETM later contacted Mrs. Abrams concerning waste manifests for the subject Site and we were referred to Jeff Starkovich, a real estate broker with BT Commercial Real Estate in Oakland. Mr. Starkovich provided us with copies of waste manifests from Romic Environmental Technologies which included wastes described as "Waste Paint Related Material", "Waste Batteries", however the quantities were illegible. Mr. Starkovich also provided us with copies of a waste manifest for 700 gallons of Non-RCRA Hazardous Waste Liquid comprised of waste oil and water. The documents are dated September 1995 and are presented in **Appendix C.**

On March 19, 1996, Mr. Dallas Dodson was interviewed on the telephone and requested to provide the following Site information including: (1) his awareness of Site history, and; (2) onsite hazardous materials use, storage, and disposal practices for the Site. Mr. Dodson stated that Oakland Terrazzo Tile Company had built the building and occupied the Site until Service Manufacturing started operations there in 1972. Mr. Dodson stated that there were two paint spray booths operating at the 2400 Baumann property and that activities generally included metalworking, welding, and painting. Mr. Dodson stated that wastes in the early years were picked up by Oakland Scavenger. Later Evergreen Environmental Services and Romic Environmental Technologies were contracted to remove wastes generated at the Site. Mr. Dodson was asked if he knew the reason the 2400 Baumann property was formerly listed as a Hazardous Waste Site by the California Environmental Protection Agency Department of Toxic Substances Control Calsites Program (and later deleted).

Mr. Dodson stated he thought maybe one inspector thought that Service Manufacturing did not have the proper permits for operation however, later another inspector said there was no problem with the operations at Service Manufacturing. Mr. Dodson was asked if there were any underground storage tanks (USTs) or above ground storage tanks (ASTs) formerly at the Site and asked if he had any idea why the site was listed as having a leaking UST in a statistical profile which was generated as part of the database search. Mr. Dodson said there were never any USTs at the property, and that Service Manufacturing occasionally bought 55-gallon drums of fuel, and that he didn't know how the property could be listed as having a leaking UST. Mr. Dodson was asked if there were any laboratory reports related to spent phosphatizing solutions and he stated that there were not.

3.3 Street Directories :

The Haines Directory for the East Bay was used to reference historical property uses in the vicinity of the 2400 Baumann Avenue property. Following are the listings for Baumann Avenue and Worthley Drive for 1973:

Baumann Avenue	2400	Service Manufacturing
	2411	Galileo Capri Salami
	2480	Central Bay Warehouse
Worthley Drive	15900	Pacific Rolling Door
	16500	Cal Toy, Inc.
	16505	Cut & Ready Foods
	16525	Airmotive Enterprises/Flight Power, Inc.

3.4 Historical Aerial Photograph Review :

Historical aerial photographs of the Site and Site vicinity were reviewed in order to ascertain historical land use and to identify evidence of hazardous material generation or storage. Photographs were reviewed at Pacific Aerial Photo in Oakland.

Pertinent information from the aerial photographs are summarized below:

1947 The site was used for agricultural purposes. Eight long barns are located approximately 1,000 feet to the northeast. Grant road is located to the northwest. Properties are undeveloped to the north, south, and west. The farming complex could have had an UST on the site but would be considered a moderate potential for contamination.

1957 Site is being graded for construction of buildings along with adjacent property to the northwest (Gallo Salame property) and northeast. Grant Road is widened to the north. A light industrial building is constructed approximately 1,000 feet west of the Site on Grant Road. A sewage plant located approximately 1,500 feet northwest of property on the edge of San Francisco Bay.

1963 Property and adjacent properties are generally the same as that observed in the 1957 photograph. A large building can be seen constructed approximately 300 feet north of the Site.

1966 The Main Building is constructed on the Site. Adjacent properties are undeveloped. A Railroad Spur is constructed approximately 200 feet south of the property. A building on Worthley Drive is constructed approximately 200 feet east of the property.

1969 The lot was developed and has paved parking on the southwest side of the property. Adjacent properties to the northeast and southwest are undeveloped lots. The lot to the north

(Gallo Salame) is graded for construction. Adjacent property to the south is developed with a building that is surrounded by paved parking.

1977 The site building addition on the southwest side and canopy overhang on southeast end of building is apparent. Parking area on the southwest side of the site has many (approximately 50) vehicles parked on it. Adjacent property to the northeast is undeveloped. Gallo Salame plant is constructed. Property to the southwest is a graded lot however, no buildings are constructed.

1985 The Site appears to have paving surrounding the building. The canopies for the Western Canopy Area and the Compressor Canopy Area are constructed. Trucks are parked on the southwest side of the building. Truck bodies (box-like units) are located on the northeast side and southwest side of the building. The adjacent building (2364 Baumann) is constructed and truck bodies are located on the south and southwest side of the building.

1990 The property and adjacent properties are generally the same as that observed in the 1985 photograph.

1994 The addition to the northeast side of the building is constructed and approximately 100 trucks are parked on the southwest and northeast side of the building. Adjacent property to the southwest is developed (J & S Trucking). The other adjacent properties are generally the same as those observed in the 1990 photograph.

3.5 Review of Building Permits at the Alameda County Building Department:

Pertinent historical information related to the Site is summarized below:

9/165 A building permit for a 10,000 square foot building was issued.
5/872 A building permit for an addition of 2,200 square foot building (Western Building Addition) was issued.
3/10/78A building permit for a 20,000 square foot building was issued for 2364 Baumann Avenue.
5/2679 A building permit for enclosing the Site office area was issued.
1991 A building permit for an addition to the eastern side of the building (Eastern Building Addition) and spray booth was issued.

3.6 Summary of Historical Use of the Subject and Relevant Nearby Properties :

In summary, the original building at the Site was constructed in 1965 and was occupied by Oakland Terrazzo Tile Company which manufactured or processed tile materials until 1972. Subsequently, Service Manufacturing occupied the Site from 1972 to 1995 during which time fabrication and painting of truck bodies was performed. Two corrugated metal additions to the building were constructed onto the main building, one in 1972 (Western Building Additions) and the second (Eastern Building Addition) in 1991.

The adjacent property immediately to the northeast (2364 Baumann Avenue) was undeveloped prior to 1978 when a building permit was issued to Service Manufacturing for the construction of the present building which was occupied by Service Manufacturing from the time it was built until operations ceased in 1995. 2411

The property across the street from 2400 Baumann Avenue is the Gallo Salame plant which was built around 1970.

The adjacent property to the southwest of 2400 Baumann Avenue is currently occupied by J & S Trucking. This property was not developed in 1985 according to aerial photographs. By 1977, the

lot had been graded and readied for construction. By 1994 a building was constructed and the lot almost covered by vehicles.

The adjacent property to the south of Baumann Avenue which now 16505 Worthley Drive was undeveloped in 1966 and the present structure was constructed by 1969. The building was occupied by Cut & Ready Foods in 1973. Currently the site is occupied by Santini Foods, Inc.

4.0 PHYSICAL SETTING

4.1 Soils

Nilsen's map (1973) shows the property is immediately underlain by artificial fill. This material is described as highway, railroad, and canal fills composed of rock and surficial deposits derived from nearby cuts or quarries. This material covers a large part of the bay margin from the vicinity of the 2400 Baumann Avenue property northwest to Bay Farm Island. Nilsens map (1973) shows marshland deposits of the Quaternary Age to the south and to the northwest of the property. Helley's map (1972) shows the older mud deposits of Pleistocene Age to the east and north of the property. The marshland deposits and older mud deposits may be the same and they probably underlie the artificial fill. Nilsen (1973) describes the marshland deposits as primarily soft mud and silt with some shell, peat, sand, and gravel layers. Helley (1972) describes the older mud deposits as dark, plastic, semiconsolidated, organic-rich clay and silty clay. The older mud deposits are reported to be greater than 50-feet thick near the bay margin.

4.2 Stratigraphy

The site is situated on the Bay Plains in an area which is underlain by several hundred feet of loosely consolidated alluvial and estuarian deposits of Pleistocene to Recent age (1.8 million years ago to present day). These sediments are gravels, sands, silts, and clays in varying amounts grading from one to another laterally and vertically.

4.3 Groundwater:

According to Webster's map (1973), the water table at the property is from 0 to 5 feet below the land surface. His map also indicates the property is located near the boundary of a deeper aquifer that is confined and is under artesian head.

A groundwater monitoring program related to former USTs is being conducted at the adjacent property to the southeast at 16505 Worthley Drive and the case is being considered for closure by the Alameda County Department of Environmental Health. The groundwater elevations at that site have ranged from 5.09 and 2.82 feet above mean sea level around December, 1994 to June, 1995, respectively.

5.0 SITE INSPECTION OBSERVATIONS

5.1 General Information:

On March 20, 1996, Thomas A. Sparrowe, Registered Geologist, and Tom Price, Project Manager, with Environmental Testing & Mgmt., conducted an inspection of the Site and Site Vicinity. Access to the site was provided by Mr. Don Bruce, a real estate broker. Photographs taken during the site reconnaissance are presented in **Appendix A**.

5.2 Asbestos-Containing Materials (ACM):

It is not apparent that the building contains ACM. However, due to the age of the building, there is likely suspect ACM. If renovation or demolition of the building is planned, an ACM investigation should be conducted to determine the existence of ACMs and cost of removal should be estimated.

5.3 PCB Containing Equipment and Contamination:

Oil stains on the floor and wall of the building, and outside in former waste oil storage areas are suspected of containing polychlorinated biphenyls (PCBs). The use of PCBs in cutting oils, hydraulic systems, oil cooled compressors, electrical equipment containing dielectric fluids, etc. was unregulated in 1972 when Service Manufacturing started operations at 2400 Baumann Avenue.

One pole-mounted transformer was observed on the northwest side of the property. According to Jack LaCombe, of Pacific Gas and Electric, that transformer is type KVA and it can not be determined if it contains PCBs without testing.

Also, one Teledyne Crittenden transformer Style 15709 Serial T3530 was observed in the Main Building on the wall separating the shop from the office. According to the Technical Department of Teledyne Crittenden, this unit does not contain PCBs.

The facility is lighted by fluorescent lights. One fluorescent light was accessible from the stairway leading up to the upstairs office. The unit was opened and the ballast was inspected. The ballast was labeled "No PCBs".

5.4 Hazardous Materials Use, Management, and Release Evaluation:

During the site reconnaissance, two empty drums of Lacquer Thinner were observed in West Building Addition. The ingredients of the lacquer thinner were noted on the drum label and include the following chemicals: light aliphatic hydrocarbon solvent, toluene (toxic, TLV=100 ppm in air) , xylenes (toxic, TLV=100 ppm in air), 2-propanol (toxic, TLV=400 ppm in air), acetone moderately toxic (TLV=750 ppm in air), n-butyl acetate (toxic, TLV=150 ppm in air) and 2-butoxyethyl acetate (toxicity data unavailable). Additional information on Hazardous Materials Use is included in the Environmental Records Review and Inquiries section of this report.

Of lesser concern, one empty drum of hydraulic oil and one cylinder of compressed argon were also observed in the Western Building Addition. Also of minor concern, a fuel tank from a vehicle was observed to be stored in the Eastern Canopy Area. Also stored in the Eastern Canopy Area was a free standing sink with considerable paint build-up, apparently for washing paint brushes or related tools.

According to Mr. Dallas Dodson, wastes were properly managed at the 2400 Baumann property since he helped found Service Manufacturing there in 1972. Mrs. Abrams helped us locate waste manifests from Mr. Starkovich, a real estate broker. Mr. Starkovich provided us with copies of waste manifests from Romic Environmental Technologies which included wastes described as "Waste Paint Related Material", "Waste Batteries", however the quantities were illegible. Mr. Starkovich also provided us with copies of a waste manifest for 700 gallons of Non-RCRA Hazardous Waste Liquid comprised of oil and water. The documents are dated September 1995 and a photocopy is included in **Appendix C**.

Considerable paint build up was observed at the two former spray booth locations. The concrete of the Eastern Canopy Area which sheltered one of the spray booths was lightly covered with blue paint. The South Canopy Area which sheltered the other former spray booth was nearly covered with blue paint. As much as one inch of paint build-up was observed on the concrete in the South Canopy Area, and as much as two inches of paint build-up was observed on the ground close to the concrete pad. The relative age of the paint was confirmed with an observation that an older style

soda pop can removable lid/top was embedded into a chunk of dried red paint. This material may contain lead.

5.5 UST/AST Systems and Pipelines:

No evidence of aboveground or below ground dedicated fuel tanks were observed on the Site.

5.6 Air and Water Emissions:

No air pollution source points or water effluent discharge points were observed during the site reconnaissance. However the facility formerly had an operating permit from the Bay Area Air Quality Management District. Please refer to the Regulatory Records Review section of this report for more information on this topic.

5.7 Lead Based Paint (LBP)

In 1978, the Consumer Product Safety Commission called for elimination of lead-based paint greater than 0.5% (HUD) or 5,000 mg/kg lead by weight calculated as lead metal in the total non-volatile content of liquid paints or in the dried film of paint already applied. Due to the date of the construction of the Site building in 1965, there is a possibility for lead based paint on the subject building. However, no areas of flaking or damaged paint were observed on the inside or outside of the building which would represent a health or regulatory concern. As described above, paints used in the spray booth areas may have contained lead.

6.0 ENVIRONMENTAL RECORDS REVIEW AND INQUIRIES

Environmental Testing & Mgmt. retained Environmental Risk Information & Imaging Services (ERIIS) of Herndon, Virginia, to provide a comprehensive list of sites in the Site vicinity which are currently under review, management, or notification by a regulatory agency. A copy of this report is included in **Appendix D**. The following are the regulatory agency lists reviewed:

6.1 Federal Databases:

The **National Priorities List (NPL)** is an Environmental Protection Agency (EPA) listing of uncontrolled or abandoned hazardous waste sites. The subject Site is not on the NPL list nor are there any listed NPL sites within 1 mile of the 2400 Baumann Avenue property.

The **Resource Conservation and Recovery Information System - Treatment Storage, and Disposal Facilities (RCRIS-TS)** list contains information pertaining to facilities which either treat, store, or dispose of hazardous waste. The RCRA Administrative Action Tracking System (RAATS) provides information regarding violations and/or unauthorized releases at RCRA facilities. The Site is not on the RCRIS-TS list nor are there any listed RCRIS-TS sites within 1 mile of the 2400 Baumann Avenue property.

Neither the 2400 Baumann Avenue property nor any listings within 1/2 mile of the Site are on the **Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)**. This database is a comprehensive listing of facilities which represent a known or suspected uncontrolled hazardous waste site. The listing includes facilities subject to investigation under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) programs and may be subject to placement on the NPL after review.

The No Further Remedial Action Planned Sites (NFRAP) is a listing of sites that have been removed from the CERCLIS database. The 2400 Baumann Avenue property is not on the NFRAP nor are any listings within 1/2 mile of the Site.

The **Resource Conservation and Recovery Information System - Large Quantity and Small Quantity Generators (RCRIS-LG and RCRIS-SG)** are listings of hazardous waste generators. A Large Quantity Generator generates hazardous waste at a rate of more than 1,000 kg/month. A Small Quantity Generator generates between 100 and 1,000 kg/month. The subject Site is not listed on either list. The RCRA Administrative Action Tracking System (RAATS) provides information regarding violations and/or unauthorized releases at RCRA facilities. One site is listed within 1/4 mile of the 2400 Baumann Avenue property. The reported distance and status of that facility was listed as follows:

1. Distance: 0.147 mile northwest
   Site: Grant Avenue Trammel Trammell Crow Co.
   Address: 2509 Grant Avenue
   Status: Small Quantity Generator/not reported in RAATS

The generation of small quantities of hazardous wastes by this site is of low environmental concern for the 2400 Baumann Avenue property.

The Emergency Response Notification System (ERNS) is a listing of incidents related to accidental releases of hazardous substances. The 2400 Baumann Avenue property is not listed with ERNS nor are there any listings within 1/4 mile of the 2400 Baumann Avenue property.

6.2 State Databases:

The California Calsites Report includes a listing of Hazardous Waste Sites (HWS). The 2400 Baumann Avenue property is listed on the HWS listing. Following is a list nine properties in this database within 1 mile of the 2400 Baumann Avenue property including the 2400 Baumann Avenue property, reported distance, and status of each site as follows:

1. Site: Service Manufacturing
   Address: 2400 Baumann Avenue
   Status: No Further Action Required by Department of Toxic Substances Control (DTSC)/groundwater status not reported

Despite the No Further Action status of the subject site ETM contacted the California Environmental Protection Agency Department of Toxic Substances Control in Sacramento and inquired about the event that resulted in the listing of the Site on the HWS database. We were informed that the Site was deleted from the files in Sacramento and referred to the regional office in Berkeley. A request to view the files related to this incident was faxed to the regional office, however, we have not been granted an appointment to date. Given the opportunity, we will request a copy of the file.

2. Distance: 0.036 mile northwest
   Site: Pacific Rolling Door
   Address: 15900 Worthley Drive
   Status: No Further Action Required by DTSC/groundwater status not reported

Despite the No Further Action status of the Pacific Rolling Door site, due to the close proximity of Pacific Rolling Door to the subject Site, ETM contacted the California Environmental Protection Agency Department of Toxic Substances Control in Sacramento and inquired about the event that resulted in the listing of

Pacific Rolling Door on the HWS database. We were informed that the Site was deleted from the files in Sacramento and referred to the regional office in Berkeley. A request to view the files related to this incident was faxed to the regional office however, we have not been granted an appointment to date. Given the opportunity, we will request a copy of the file.

3. Distance: 0.071 mile southwest
   Site: Tri-J-Trucking
   Address: 2480 Baumann Avenue
   Status: No Further Action Required by DTSC/groundwater status not reported

4. Distance: 0.147 mile northwest
   Site: A B Boys Company
   Address: 2527 Grant Avenue
   Status: No Further Action Required by DTSC/groundwater status not reported

5. Distance: 0.218 mile northwest
   Site: C & R Rubber Products, Inc.
   Address: 2548 Grant Avenue
   Status: No Further Action Required by DTSC/groundwater status not reported

6. Distance: 0.218 mile northwest
   Site: Herb Kattenhorn & Company
   Address: 2550 Grant Avenue
   Status: No Further Action Required by DTSC/groundwater status not reported

7. Distance: 0.238 mile northeast
   Site: David's Antiques
   Address: 2578 Grant Avenue
   Status: No Further Action Required by DTSC/groundwater status not reported

8. Distance: 0.710 mile northeast
   Site: Arroyo Wash & Dry
   Address: 15869 Channel Street
   Status: No Further Action Required by DTSC/groundwater status not reported

9. Distance: 0.753 mile northeast
   Site: Worley's Interiors
   Address: 1976 Lewelling Boulevard
   Status: No Further Action Required by DTSC/groundwater status not reported

Due to the "No Further Action" status of these facilities, it is unlikely that these facilities could adversely impact the subject Site.

The **California Leaking Underground Storage Tank Report (LRST)** contains information concerning reported leaking underground storage tanks. Five sites in this report are within 1/2 mile of the site.

Following is the list of five properties in the LRST database within 1/2 mile of the 2400 Baumann Avenue property including reported distance, and status of each site as follows:

1. Distance: 0.013 miles to the north
   Site: Gallo Salame
   Address: 2411 Baumann Avenue
   Status: Case Closed

2. Distance: 0.048 miles to the southeast
   Site: Santini Foods, Inc. formerly Cut & Ready Foods
   Address: 16505 Worthley Drive
   Status: This case being considered for closure by the Alameda County Department of Environmental Health.

The facility is located adjacent to the 2400 Baumann Avenue property. The gradient was reported to be to the southwest in March 1995 and to the northeast in June 1995 and cross gradient of the subject Site. The gradient is reportedly relatively flat (0.003 ft/ft). There are reportedly seven groundwater monitoring wells at this facility which contained non-detectable concentrations of diesel and gasoline constituents in six of seven wells from December 1994 to November 1995. However, one well (MW-7 located approximately 300 feet from the property boundary of the subject Site contained 190 ppb diesel in December 1994. The Alameda County Department of Environmental Health has requested the decommissioning of the monitoring wells so that it can issue a certificate of case closure at the site and therefore, the potential for adverse environmental affect on the subject Site is low.

3. Distance: 0.049 miles to the southeast
   Site: Worthley Drive Parcel
   Address: 16525 Worthley Drive
   Status: A Soil and Water Investigation is Underway

The groundwater gradient at this site has reportedly fluctuated between south-southwest and south-southeast, generally towards San Francisco Bay. The groundwater direction flow is cross gradient to the subject Site and relatively flat (0.001-0.005 ft/ft) and therefore the potential for environmental impact on the subject Site is low.

4. Distance: 0.206 miles to the northwest
   Site: Tharco
   Address: 2222 Grant Avenue
   Status: This case is being considered for closure by ACDEH

A diesel tank was removed from the site in 1993. Three groundwater monitoring wells had diesel concentrations ranging from 140 to 1,700 ppb in groundwater samples collected in August 1995. The groundwater is reported to be 7-8' below the top of elevation casings and gradient is reportedly to the southeast. The case is being considered for closure by the ACDEH and therefore considered to be of low environmental concern for the subject Site.

5. Distance: 0.405 miles to the northwest
   Site: Sherman Trucking
   Address: 1000 Railroad

Status: Surface Spill Only/No Further Action Required

The incident that resulted in the listing of Sherman Trucking on the LRST database was a surface spill of diesel fuel. The soils were excavated to 8" and disposed of. This incident is of negligible concern for environmental impact to the subject Site.

Incidentally, the ERIIS statistical profile sheet indicates the 2400 Baumann Avenue property is listed on the LRST database however, the actual LRST listing does not include the 2400 Baumann Avenue property. Considering neither a UST or AST is reported to have ever been located at the 2400 Baumann Avenue property, we assume the statistical profile sheet provided by ERIIS is erroneous concerning this matter.

The **California Underground Storage Tank Report (RST)** is a listing of registered tanks within the state of California. Five properties are listed in the RST database as listed below:

1. Distance: 0.147 miles to the northwest
   Site: Bercovich-Sosnick
   Address: 2561 Grant Avenue/San Leandro
   Status: 12,000 gallon fuel UST active

This facility is not listed as having any unauthorized releases. The facility is located cross gradient of the subject Site; therefore, the potential for adverse environmental affect on the subject site is low.

2. Distance: 0.156 miles to the northwest
   Site: Package Delivery Express
   Address: 15651 Worthley Drive
   Status: 10,000 or 12,000 gallon fuel UST active

This facility is not listed as having any unauthorized releases. The facility is located cross gradient of the subject Site; therefore, the potential for adverse environmental affect on the subject site is low.

3. Distance: 0.199 miles to the northwest
   Site: Fanfa, Inc.
   Address: 2401 Grant Avenue
   Status: 2-1,000 g fuel UST inactive, 1-700 gallon oil UST active

A diesel tank was removed from the site in 1993. Three groundwater monitoring wells had diesel concentrations ranging from 140 to 1,700 ppb in groundwater samples collected in August 1995. The groundwater is reported to be 7-8' below the top of elevation casings and gradient is reportedly to the southeast. The case is being considered for closure by the ACDEH and therefore considered to be of low environmental concern for the subject Site.

4. Distance: 0.206 miles to the northwest
   Site: Tharco
   Address: 2222 Grant Avenue
   Status: UST Removed

A diesel tank was removed from the site in 1993. Three groundwater monitoring wells had diesel concentrations ranging from 140 to 1,700 ppb in groundwater samples collected in August 1995. The groundwater is reported to be 7-8' below

the top of elevation casings and gradient is reportedly to the southeast. The case is being considered for closure by the ACDEH and therefore considered to be of low environmental concern for the subject Site.

5. Distance: 0.241 miles to the northwest
Site: Thompson Fence Company
Address: 2584 Grant Avenue
Status: Preliminary Site Assessment Workplan Submitted

In November, 1992, a 1,000 gallon leaded gasoline tank was removed. Two soil samples collected below the tank contained 960 and 2,000 ppm gasoline, 13 and 38 ppm benzene. A Preliminary Site Assessment Workplan was submitted in February, 1995. The site is cross gradient of the subject site and is of minor environmental concern to the subject Site.

Cal OSHA was contacted concerning OSHA inspections, reported incidents, or complaints on file at their office in Oakland. They have nothing on record for the subject Site.

The California Oil and Gas Well Report (OGW) contains information related to oil and gas wells in the State of California. There are no sites listed within 1/4 mile of the subject Site.

6.3 Local Regulatory Agencies:

Environmental Testing & Mgmt. contacted the following local regulatory agencies to obtain information indicating recognized environmental conditions in connection with the Site property.

The Bay Area Air Quality Management District (BAAQMD) was contacted and the following information was obtained: the operations at the Site ceased September 25, 1995. The Site was permitted for emissions ozone precursor organic compounds at a rate of 4.18 tons/year or 22.92 lbs/day.

The Alameda County Fire Department was contacted and a request was made to view seven files . We were informed that only two of the files (A B Boys Company, HWS and Grant Avenue Trammel Crow Company, RCRIS-SG) would be within their area since San Lorenzo is unincorporated and referred us to the Alameda County Department of Environmental Health. Of the two files requested, they had only the Trammel Crow Company, which was formerly an Orkin facility where insecticides , pesticides and fertilizers were stored.

The Alameda County Department of Environmental Health was contacted and a request to view 18 files at their facility was made. The ACDEH only had files on 8 of the 18 sites requested. The following files were reviewed on March 21, 1996:

1. Site: Service Manufacturing
Address: 2400 Baumann Avenue
Status: No Further Action Required by Department of Toxic Substances

An inspection report by the Alameda County Urban Runoff Clean Water Program included the following observations in October, 1993 for the subject Site: outdoor storage areas were not cleaned, container covers/lids were not kept closed, some paint booth overspray is getting onto the ground and into the sewer, the waste storage area was uncovered or not enclosed, that the potential for storm water to run off from this area had not been eliminated, that the runoff flows to the sanitary sewer, that the parking areas were not free of sign of past spills. The

waste materials were classified according to the degree of potential exposure to storm water as follows: paints, thinners, metal parts, phosphatizing solution: little potential; mounted cabinet frames: little potential; unfinished sheet metal: little potential, batteries, waste oil, empty barrels: some potential, parking areas, some potential; and a reference is made to spent phosphatizing solution at the 2364 Baumann Avenue facility as the greatest concern for potential runoff overall. Another similar inspection was conducted in June, 1995 and a note that the facility is in compliance with storm water ordinance was made.

In October 1993, the Alameda County Department of Environmental Health conducted a Hazardous Materials Inspection at the subject Site and the following observations were made at that time: the facility stored waste thinner, new paint thinner, phosphatizing solution, undercoating material, spent phosphatizing solution, new hydraulic oil, waste hydraulic oil, a number of waste thinner containers were not labeled, several waste containers including thinner wastes were not double contained, that it was unknown whether or not the waste phosphatizing solution was corrosive or toxic. According to Dallas Dodson, no formal lab analysis of the spent phosphatizing solution was made. A note that batteries were stored in various places around the yard was made. A request was made by the ACDEH for Service Manufacturing to prepare a Hazardous Materials Business Plan.

The Hazardous Material Business Plan (HMBP) was submitted by Dallas Dodson in November 1993 and included a map of the subject Site A photocopy of the this map is included in **Appendix E**. The map shows where hazardous materials and wastes were used or stored at that time. Also included in the HMBP was an listing of hazardous materials: hydraulic oil, propane gas, hydroflame gas (constituents: propane, ethane, propylene, xylenes, isobutane, butane, pentane, and hexane) these are of minor concern for contamination, oxygen, waste oil (constituents: cutting oil, hydraulic oil, diesel oil, motor oil, water), waste lacquer thinner (constituents: lacquer thinner, acrylic paint, paint reducer), spent phosphatizing solution, paint reducer (constituents: acetone, n-Butyl Acetate, 2-Butoxyethyl Acetate), paint lacquer thinner (light aliphatic hydrocarbon solvent, toluene (toxic, TLV=100 ppm in air), xylenes (toxic, TLV=100 ppm in air), 2 propanol (toxic, TLV=100 ppm in air), and acetone moderately toxic (TLV=750 ppm in air). 2-butoxyethyl acetate, paint reducer (constituents: light aliphatic hydrocarbon solvent, toluene, xylenes, methanol, 2-butoxyethanol, acrylic enamel paint (constituents: light aromatic naphtha, titanium dioxide, and 2-butoxyethyl acetate (toxicity data unavailable)), acrylic enamel paint (constituents: mineral spirits, toluene (toxic, TLV=100 ppm in air), ethyl-benzene (toxic, TLV=100 ppm in air), xylenes (toxic, TLV=100 ppm in air), n-butyl acetate), Surcoat (constituents: phosphoric acid and 2-butoxyethanol)

7.0 CONCLUSIONS:

The original building at the Site was built in 1965 and was occupied by Oakland Terrazzo Tile Company which manufactured or processed tile materials until around 1972. Subsequently, Service Manufacturing occupied the Site from 1972 to 1995 during which time fabrication and painting of truck bodies was performed.

Oil stains on the floor and wall of the building, and outside in former waste oil storage areas are suspected of containing polychlorinated biphenyls (PCBs). The use of PCBs in cutting oils, hydraulic systems, oil cooled compressors, electrical equipment containing dielectric fluids, etc. was unregulated in 1972 when Service Manufacturing started operations at 2400 Baumann Avenue.

Paints and solvents were used at the site for 23 years. The spillage or improper disposal of common chlorinated compounds common in painting and solvents e.g. trichloroethylene or trichloroethane may have occurred as a result of operations at Service Manufacturing especially in the early years of operation when disposal practices were not as carefully adhered to as they are today. These types of compounds are very persistent in the environment and may have been released to the soil and groundwater.

During the Site reconnaissance, paint stains observed on the asphalt running from the 2364 Baumann Avenue property to the storm drain on the 2400 Baumann Avenue property. Both addresses were previously occupied by Service Manufacturing. This type of spillage or careless disposal in the presence of a conduit like a storm drain may inversely impact the soils and groundwater at the subject Site. Accidental spillage or leaks of these compounds would have resulted in environmental degradation of the subject Site.

Due to the date of the construction of the Site building in 1965, there is a possibility for lead based paint on the subject building. However, no areas of flaking or damaged paint were observed on the inside or outside of the building which would represent a health or regulatory concern. However, considerable paint build up was observed at the two former spray booth locations. This material may contain lead which would adversely impact the property. A note made by a health inspector in 1993 refers to "spent batteries stored in various places in yard". This is another concern for lead on the grounds.

It is not apparent that the building contains asbestos containing materials (ACM). However, due to the age of the building, there is likely suspect ACM. If renovation or demolition of the building is planned, an ACM investigation should be conducted to determine the existence of ACMs and cost of removal should be estimated.

The subject site is listed in the database search by ERIIS as a hazardous waste site. Despite the No Further Action status of the subject site in reference to this matter, we contacted the California Environmental Protection Agency Department of Toxic Substances Control in Sacramento and inquired about the event that resulted in the listing of the Site in the HWS database. We were informed that the Site was deleted from the files in Sacramento and referred to the regional office in Berkeley. A request to view the files related to this incident was faxed to the regional office however, we have not been granted an appointment to date. Given the opportunity, we will request a copy of the file. Mr. Dodson, one of the founders of Service Manufacturing, stated he thought maybe one inspector erroneously thought that Service Manufacturing did not have the proper permits for operation and thats how the Site became listed with the Department of Toxic Substances Control.

The possibility of environmental degradation to the subject site by due to activities observed on adjacent properties is low. The possibility of environmental degradation by known offsite sources of pollution is low.

[redacted]

A Phase II environmental site assessment is in order for 2400 Baumann Avenue.

Samples of selected oil stains should be tested for PCBs.

The grounds should be tested for solvent spills or general organic chemical spills. A technique for rapid screening is to withdraw soil vapors from probes to identify "hot spots" of volatile chlorinated solvents and volatile organic vapors. Then soil and/or groundwater samples may be taken for confirmation.

Samples of paint built up over years of use should be taken and tested for lead content. Due to lead batteries extensive use on the grounds, a limited heavy metal survey of surface soils is recommended.

9.0 LIMITATIONS:

The conclusions and recommendations presented above are based upon the agreed upon scope of work outlined in the above report. Consultant makes no warranties or guarantees as to the accuracy or completeness of information obtained from information provided or compiled by others. It is possible that information exists beyond the scope of this investigation. Also, changes in site use may have occurred sometime in the past due to variations in rainfall, temperature, water usage, economic, agricultural or other factors. Additional information which was not found or available to Consultant at the time of writing Report may result in a modification of the conclusions and recommendations presented. This report is not a legal opinion. The services performed by Consultant have been conducted in a manner consistent with the level of care ordinarily exercised by members of our profession currently practicing under similar conditions. No other warrant expressed or implied is made.

Tom Price
Project Manager

Thomas A. Sparrowe, R.G.
Environmental Specialist

10.0 BIBLIOGRAPHY:

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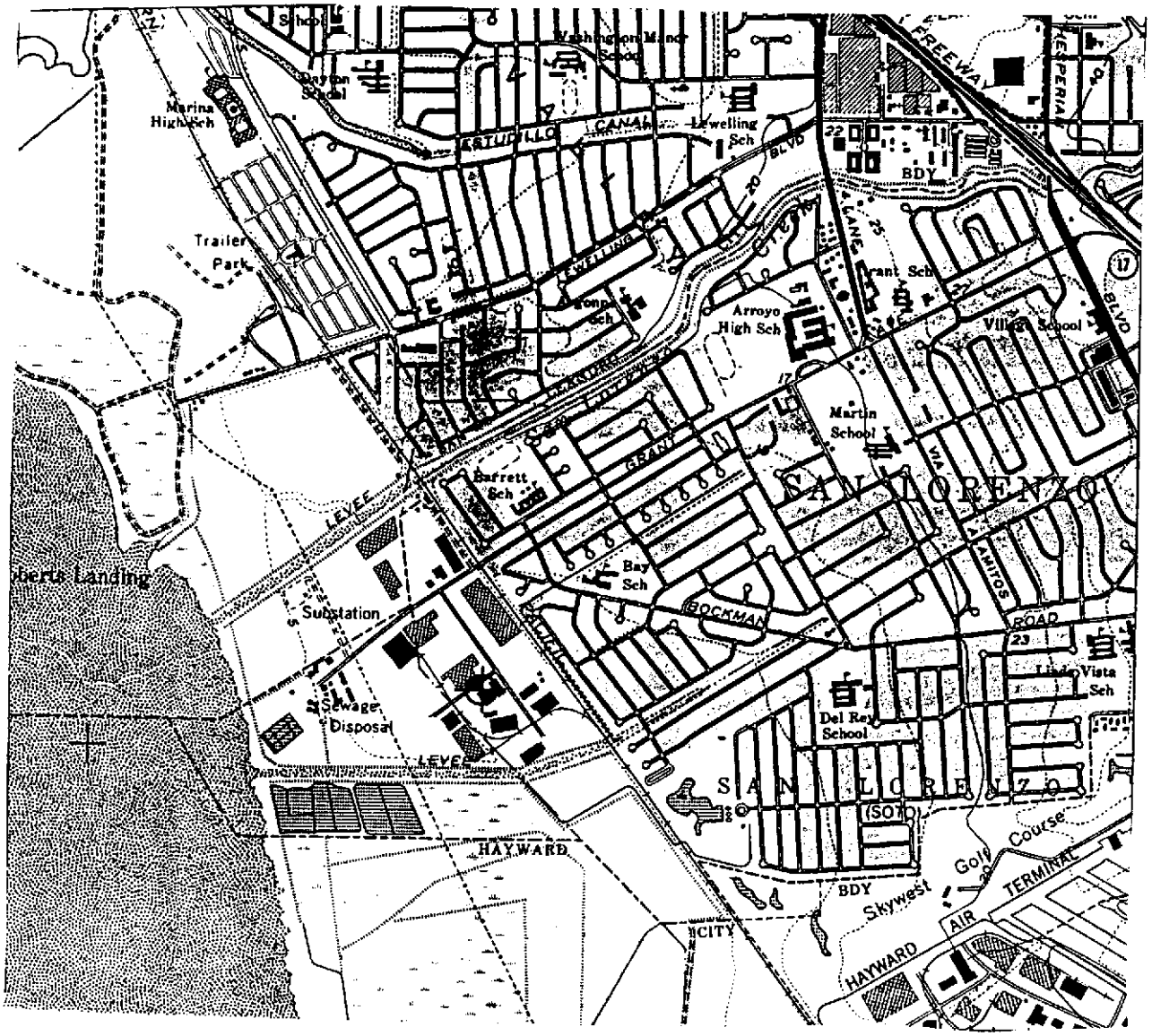
Nilsen, T.H., 1973, Preliminary small photointerpretation map of landslide and other surficial deposits of the Livermore and part of the Hayward 15 minute quadrangles, Alameda and Contra Costa Countys, California: U.S. Geological Survey, miscellaneous field studies map MF-519, 1 sheet, 1 plate, scale: 1:62,500.

Webster, D.A., 1973, Map showing areas bordering the southern part of San Francisco Bay, where a high water table may adversely affect land use: U.S. Geological Survey, miscellaneous field studies map, MF-530, 1 sheet, scale: 1:62,500.



EXPLANATION:

Scale: 1"=2000'

0 1000' 2000'

SITE LOCATION

Base Map Reference: U.S.G.S. San Leandro, 7.5 minute topographic, quadrangle, 1959 photorevised 1980.

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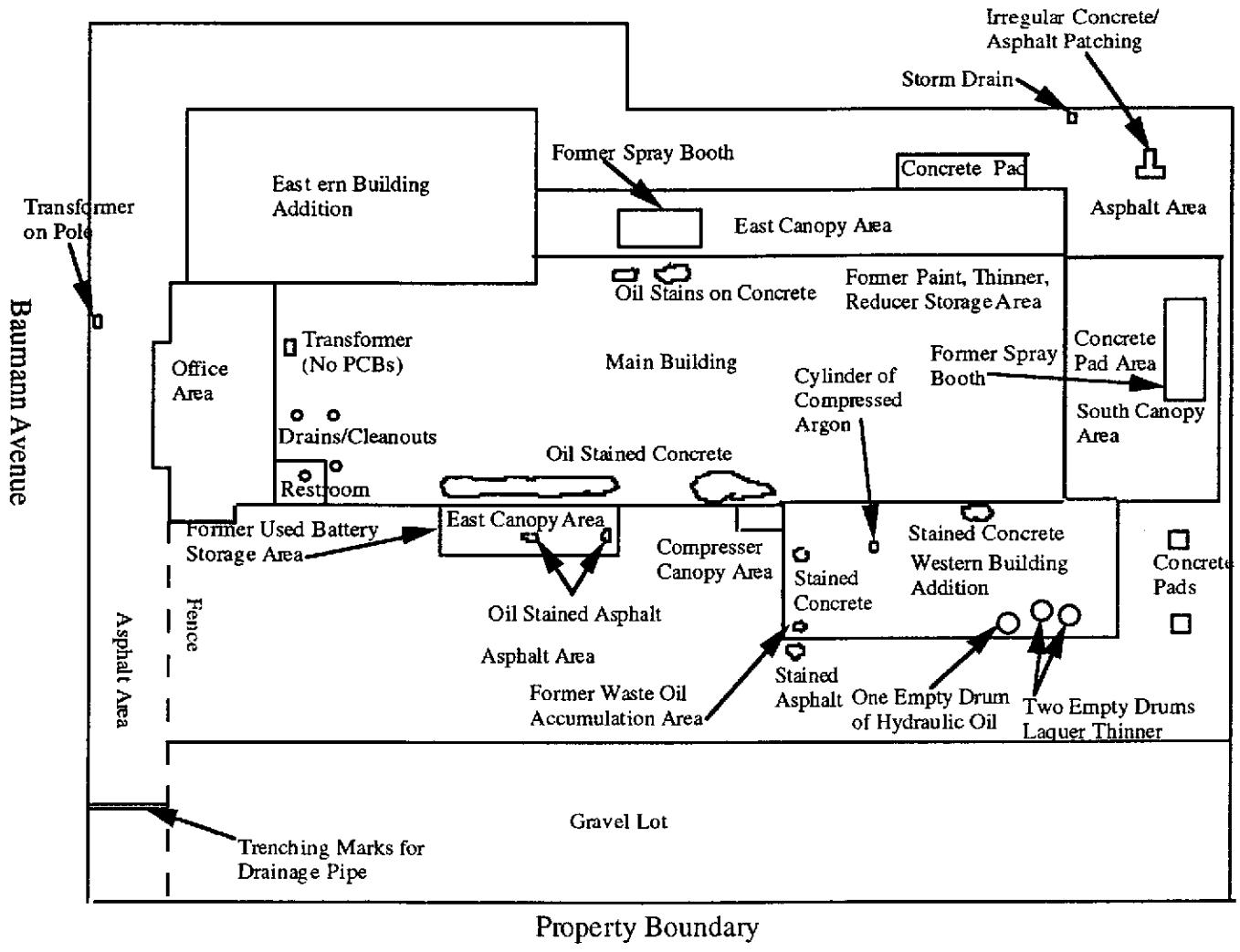
ENVIRONMENTAL TESTING AND MANAGEMENT
3916 MAGLIOCCO DRIVE #2
SAN JOSE, CALIFORNIA 95128

LOCATION MAP
FORMER SERVICE MANUFACTURING
2400 Baumann Avenue
San Lorenzo, California

Figure 1

Project No. 96-70
Date: 3/96



EXPLANATION:

Scale: 1"=40'

0 20' 40'

N

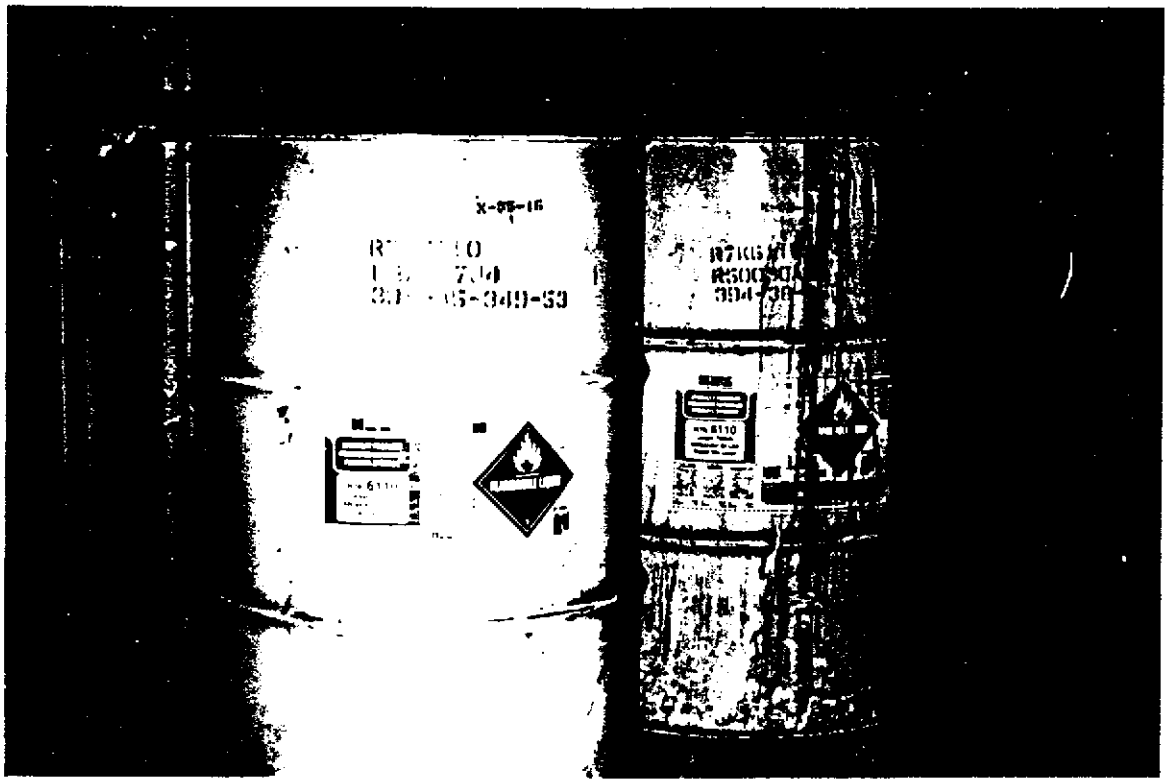
ENVIRONMENTAL TESTING AND MANAGEMENT
2916 MAGLIOCCO DRIVE #2
SAN JOSE, CALIFORNIA 95128

SITE MAP
FORMER SERVICE MANUFACTURING
2400 Baumann Avenue
San Lorenzo, California

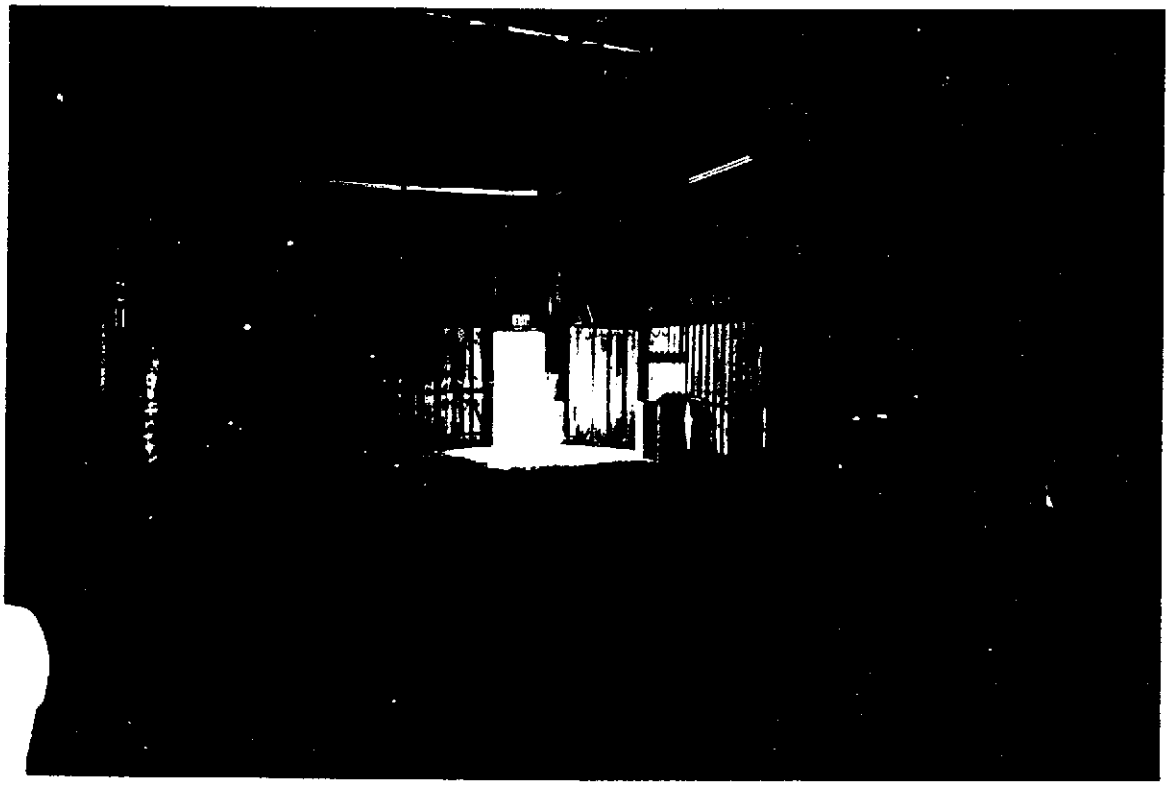
Figure 2

Project No. 96-70
Date: 3/96

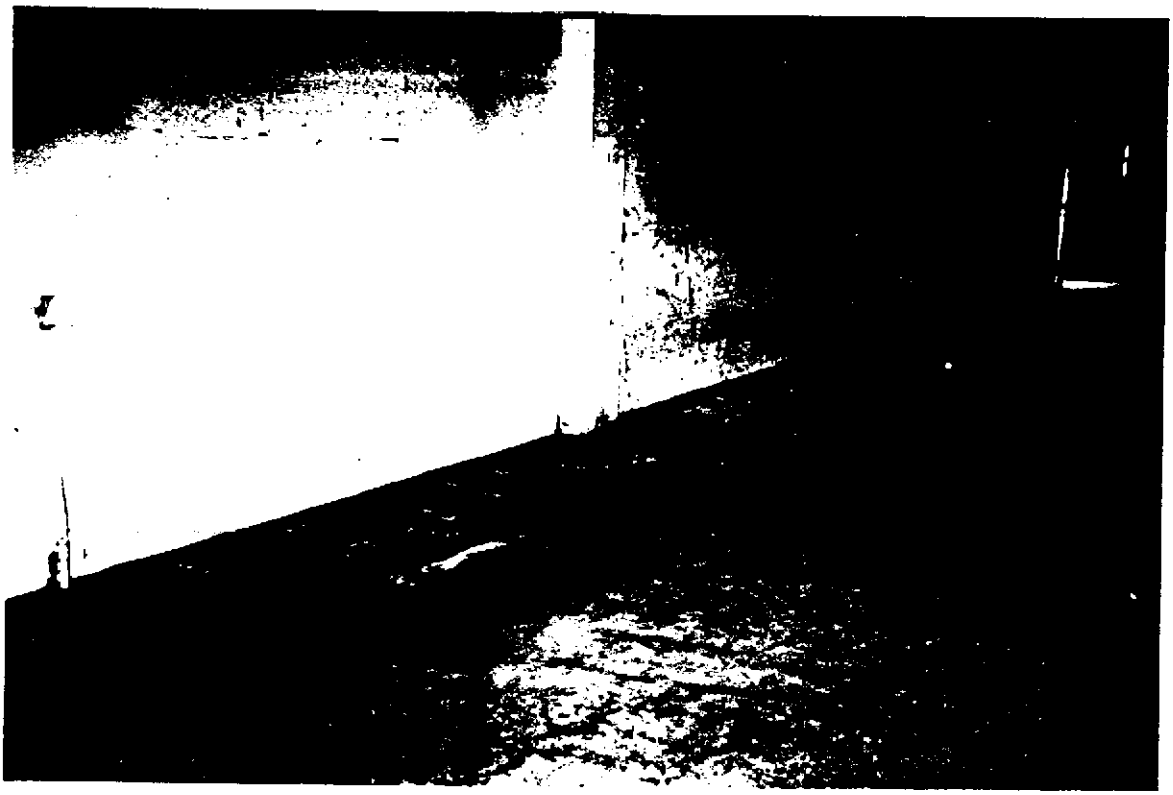
EMPTY DRUMS OBSERVED IN WESTERN BUILDING ADDITION



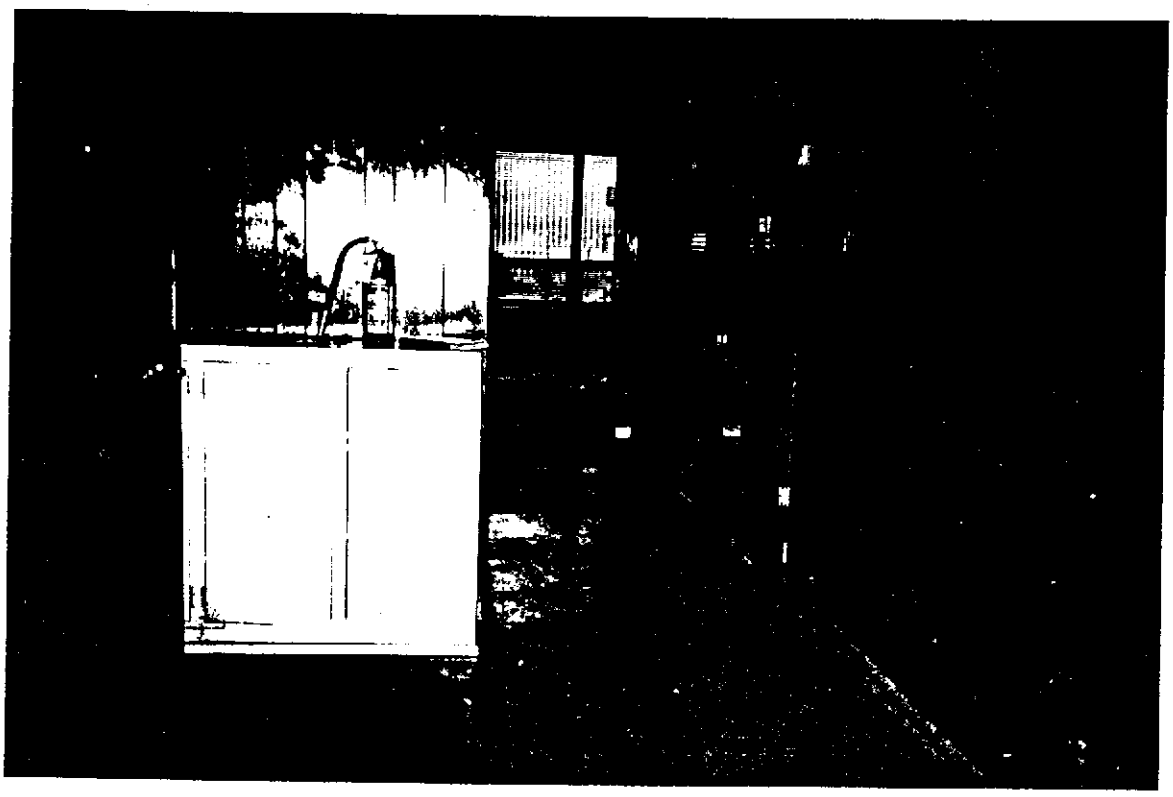
WESTERN BUILDING ADDITION INTERIOR



OIL STAINS ON WEST SIDE OF MAIN BUILDING



INTERIOR SHOT OF OFFICE

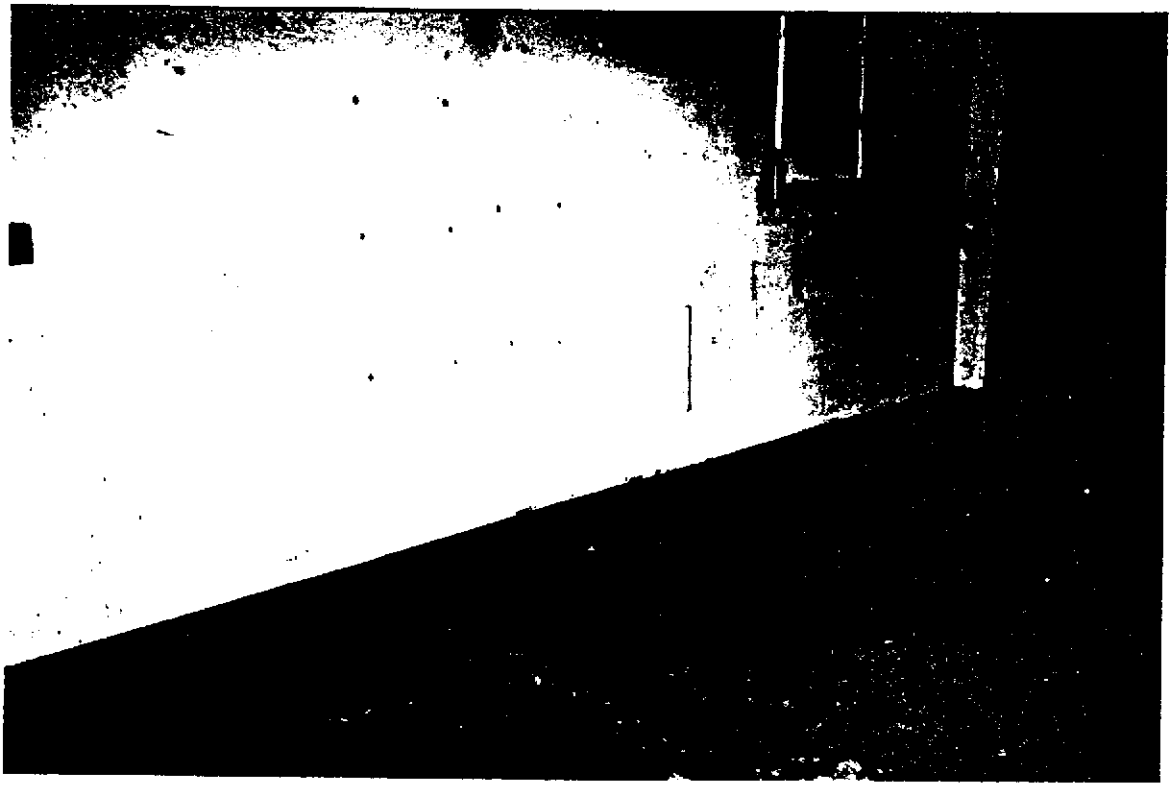


MAIN BUILDING LOOKING NORTH

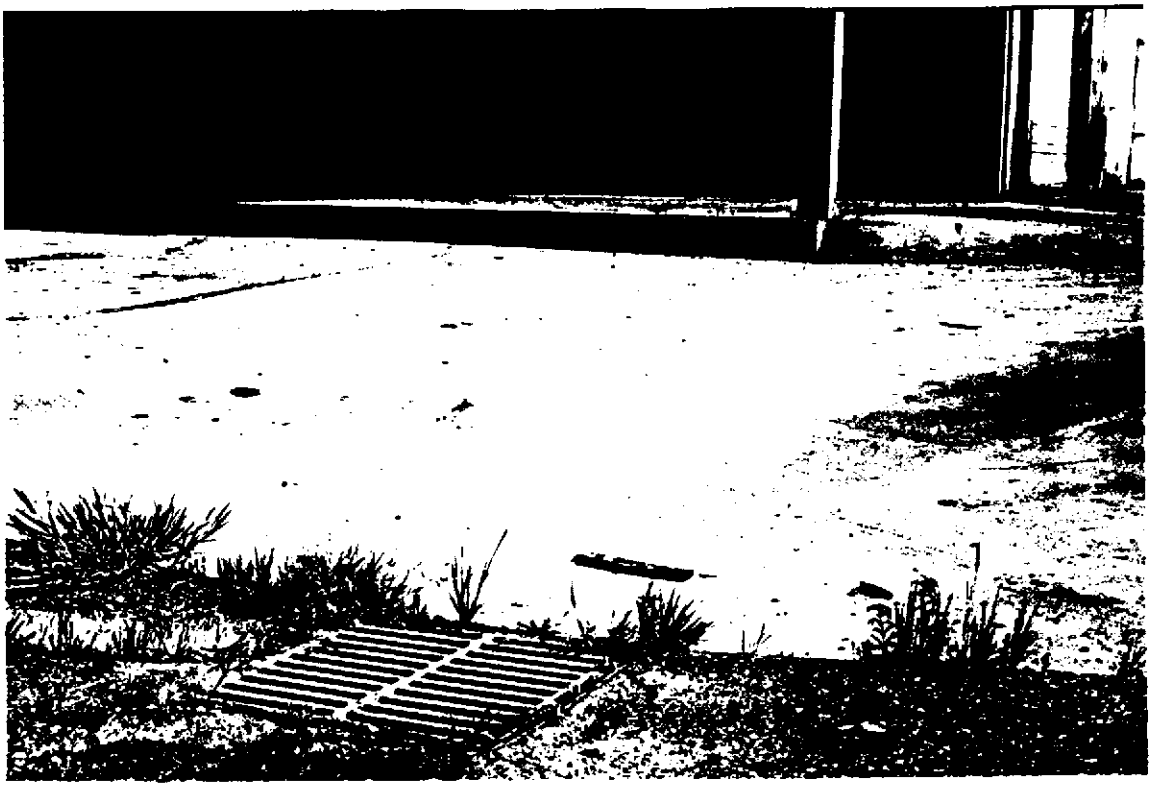
OIL STAINS ON WEST SIDE OF MAIN BUILDING

EASTERN BUILDING ADDITION LOOKING NORTH

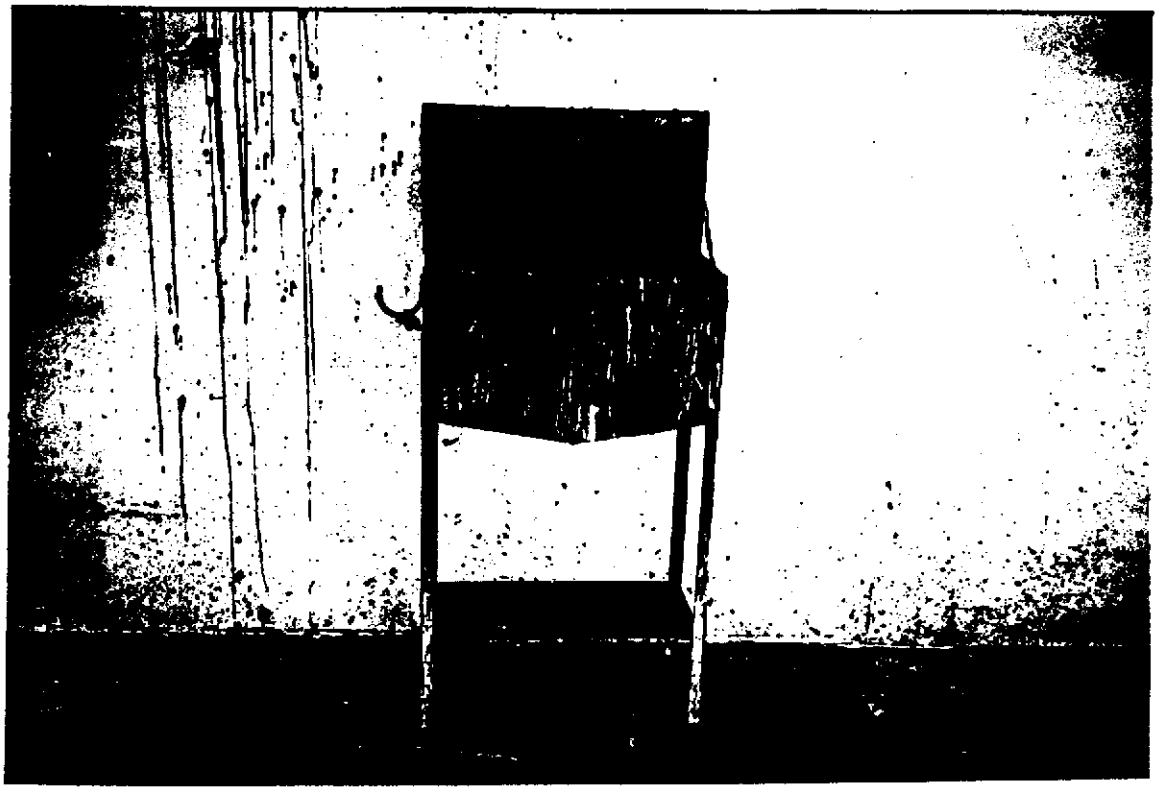
OIL STAINS ON EAST SIDE OF MAIN BUILDING



VIEW OF STORM DRAIN AND ADJACENT PROPERTY LOOKING EAST



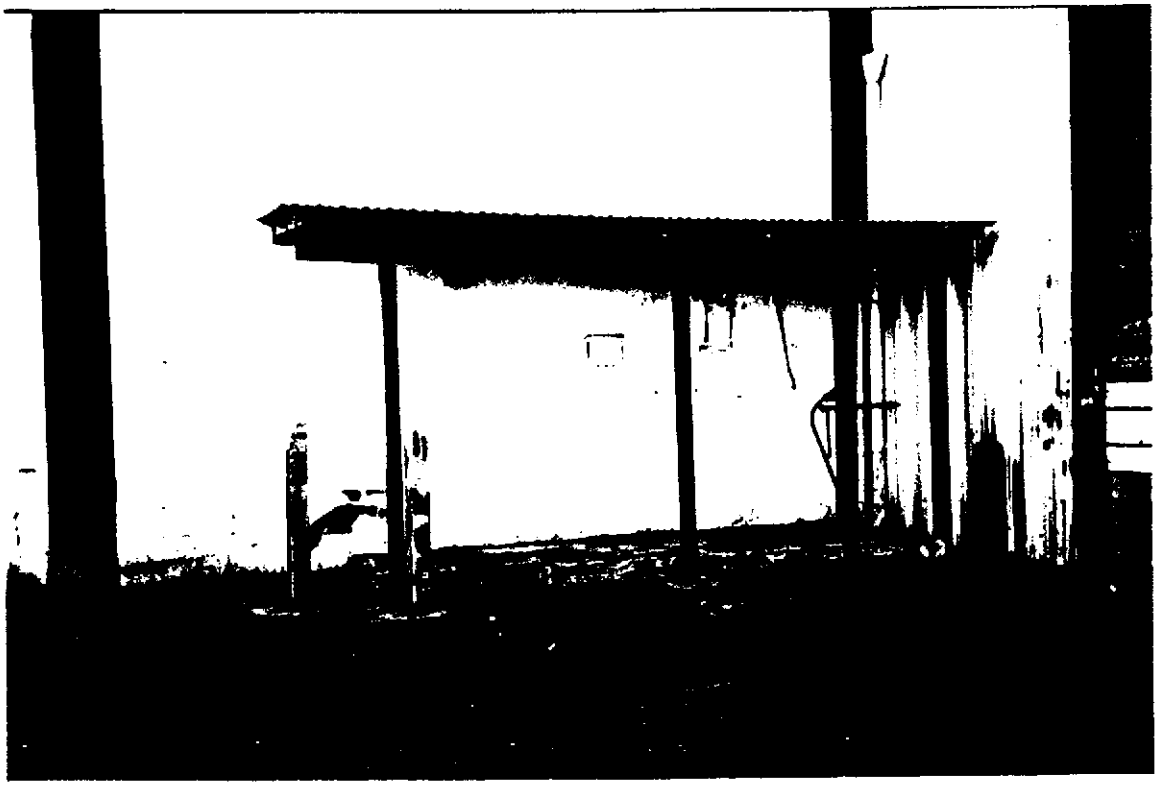
SINK USED FOR PAINT CLEANUP IN EAST CANOPY AREA



EAST CANOPY AREA LOOKING NORTH

SOUTH CANOPY AREA LOOKING WEST

COMPRESSER CANOPY AREA



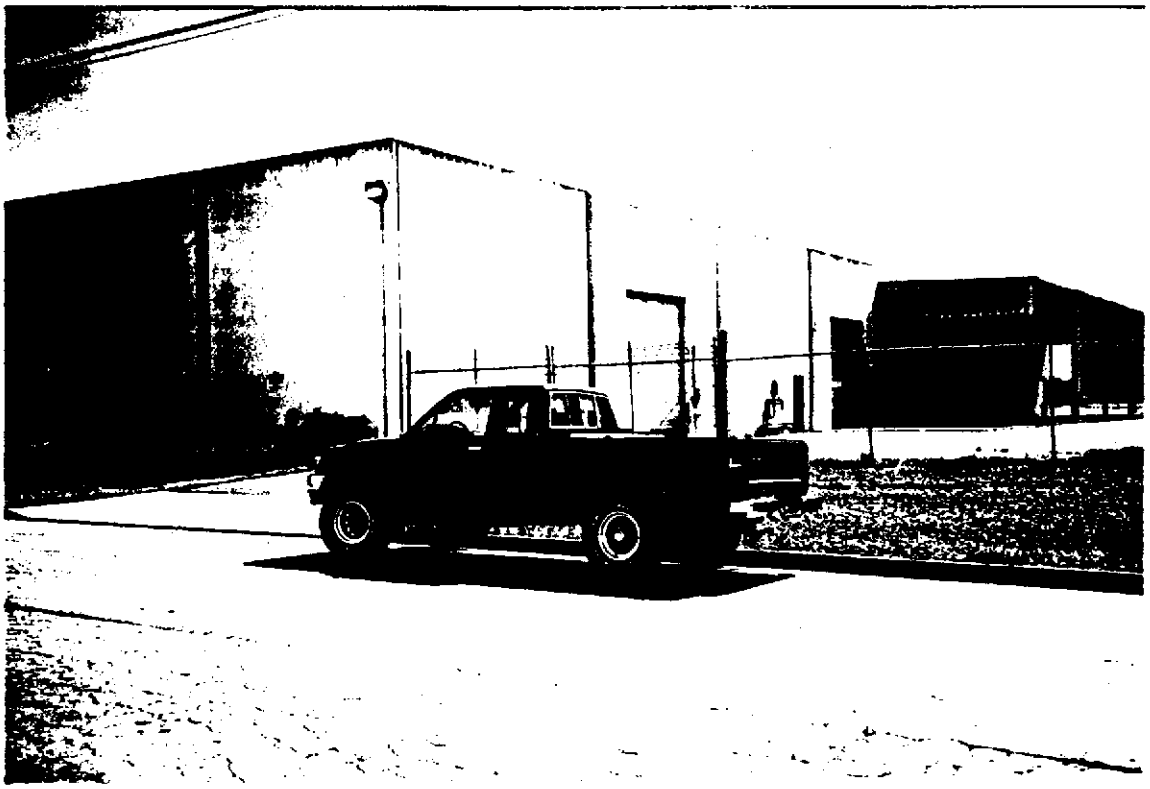
SOUTH WALL OF EAST CANOPY AREA FACING NORTH

SOUTH SPRAY BOOTH AREA

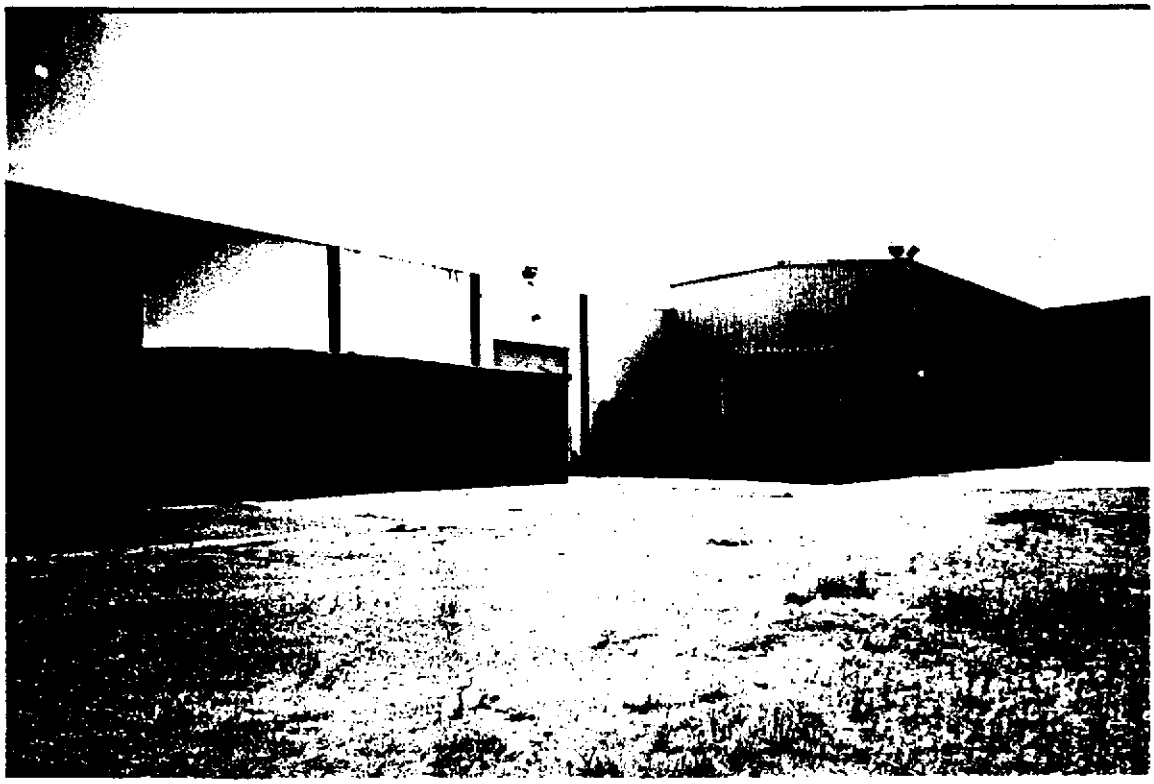
EAST CANOPY AREA AND EASTERN BUILDING ADDITION

VIEW OF BUILDING FROM BAUMANN AVENUE

VIEW OF ADJACENT PROPERTY TO WEST 2364 BAUMANN AVENUE

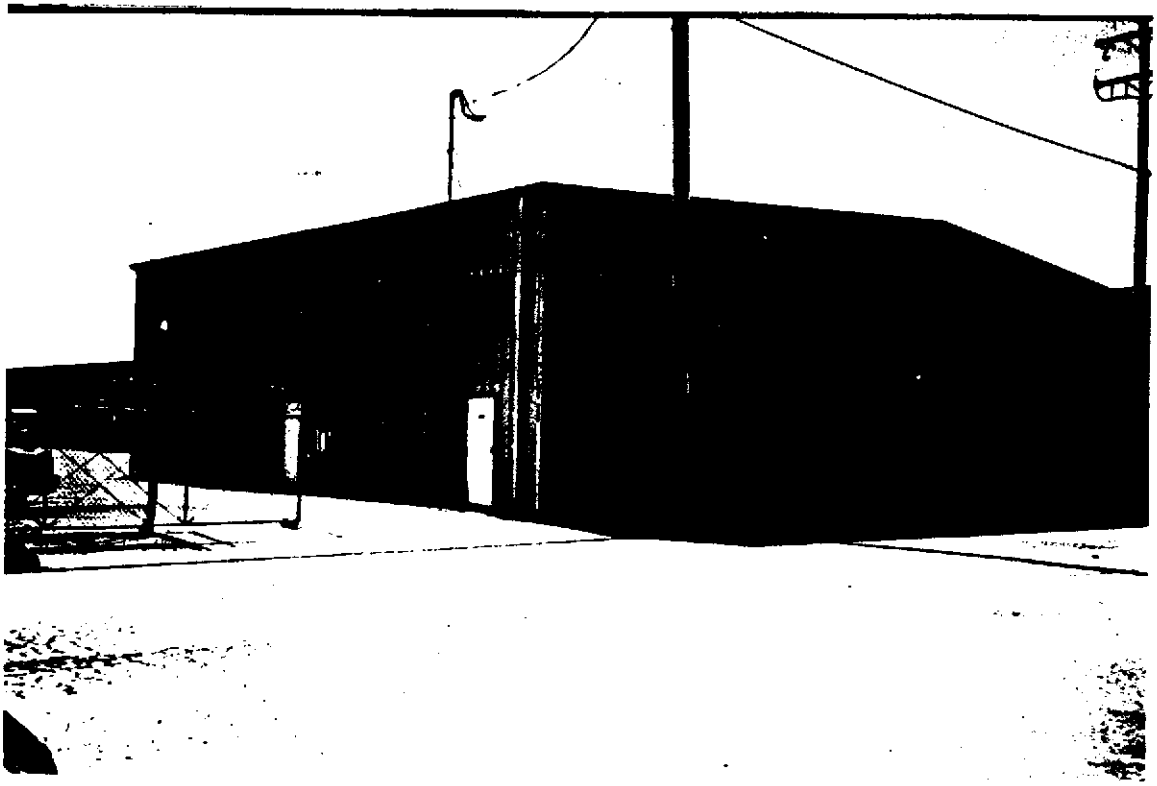


VIEW OF WEST SIDE OF BUILDING LOOKING SOUTH



UPSTAIRS OFFICE AREA

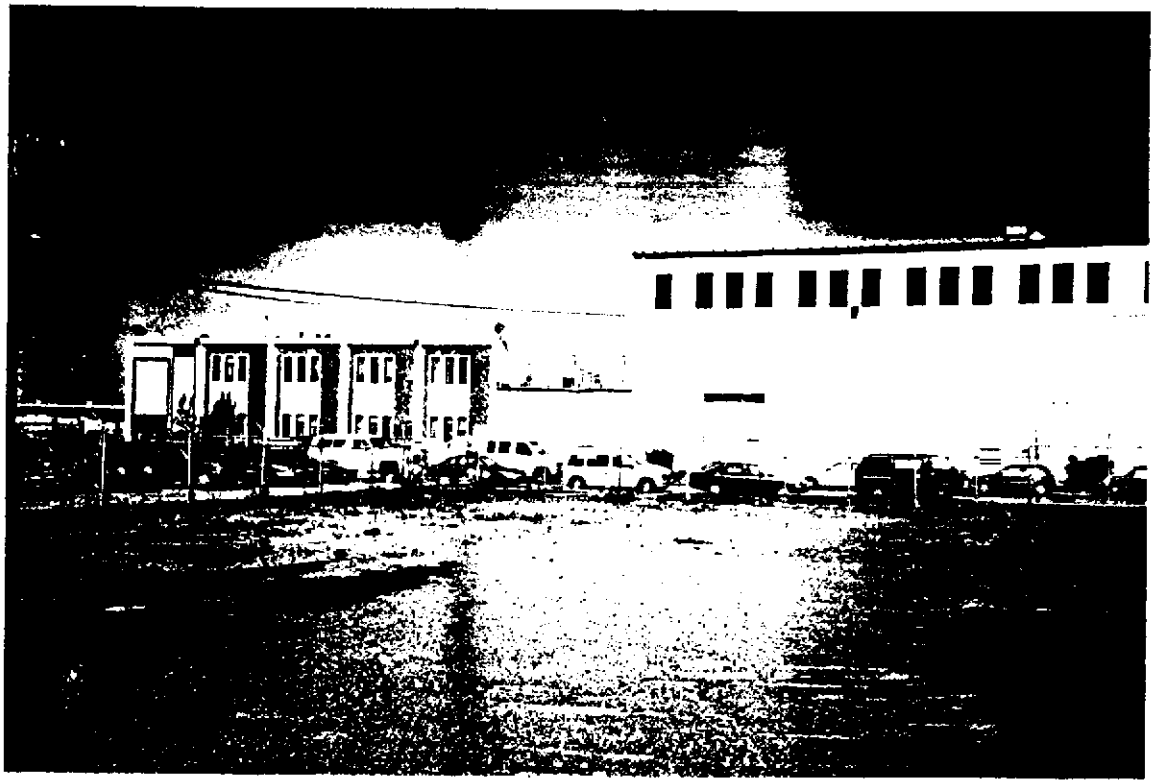
VIEW OF ADJACENT PROPERTY TO WEST J & S TRUCKING



VIEW OF GALLO SALAME TO NORTH

VIEW OF PROPERTY TO WEST (J & S TRUCKING)

VIEW OF PROPERTY TO THE NORTH (GALLO SALAME)

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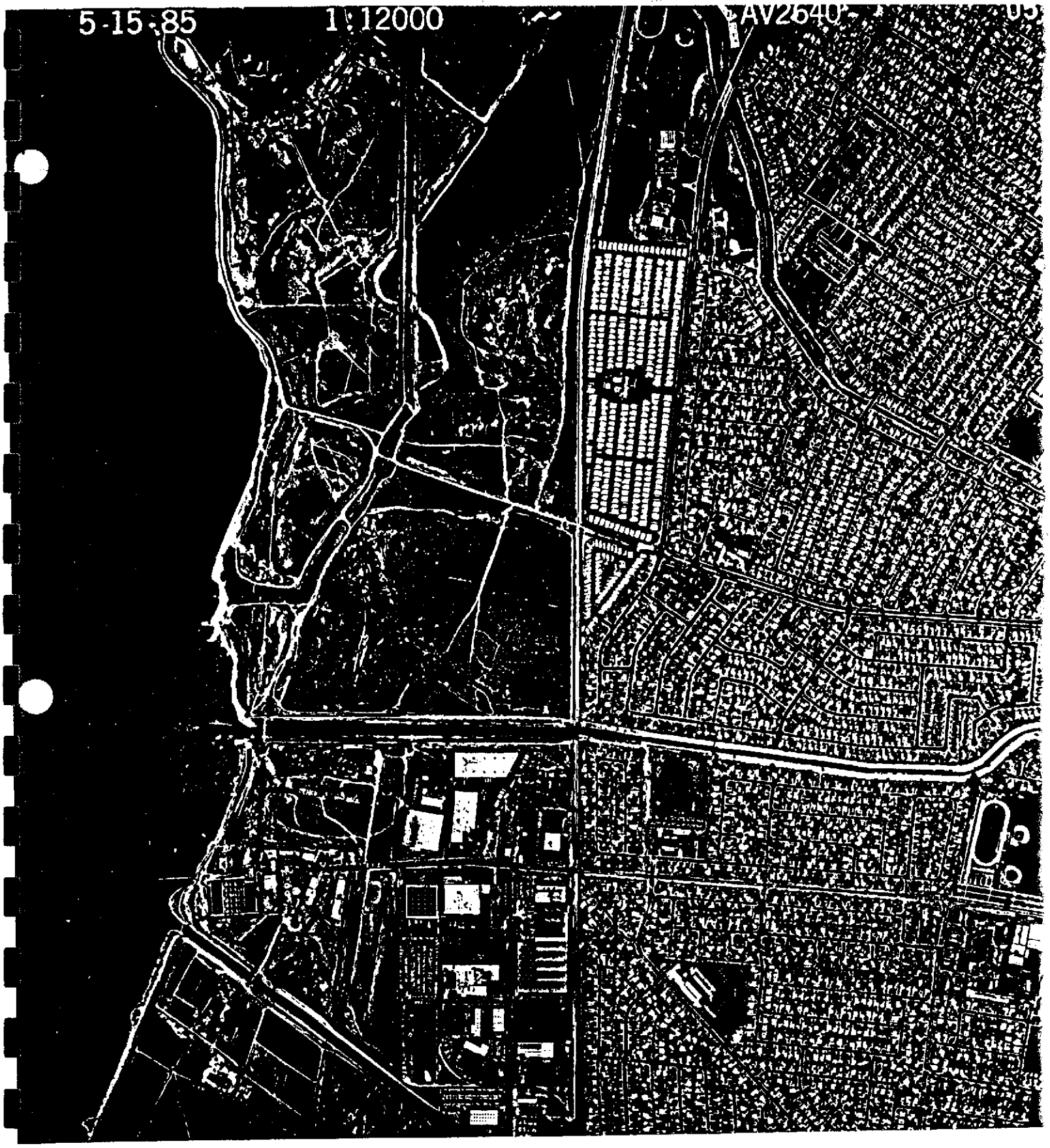
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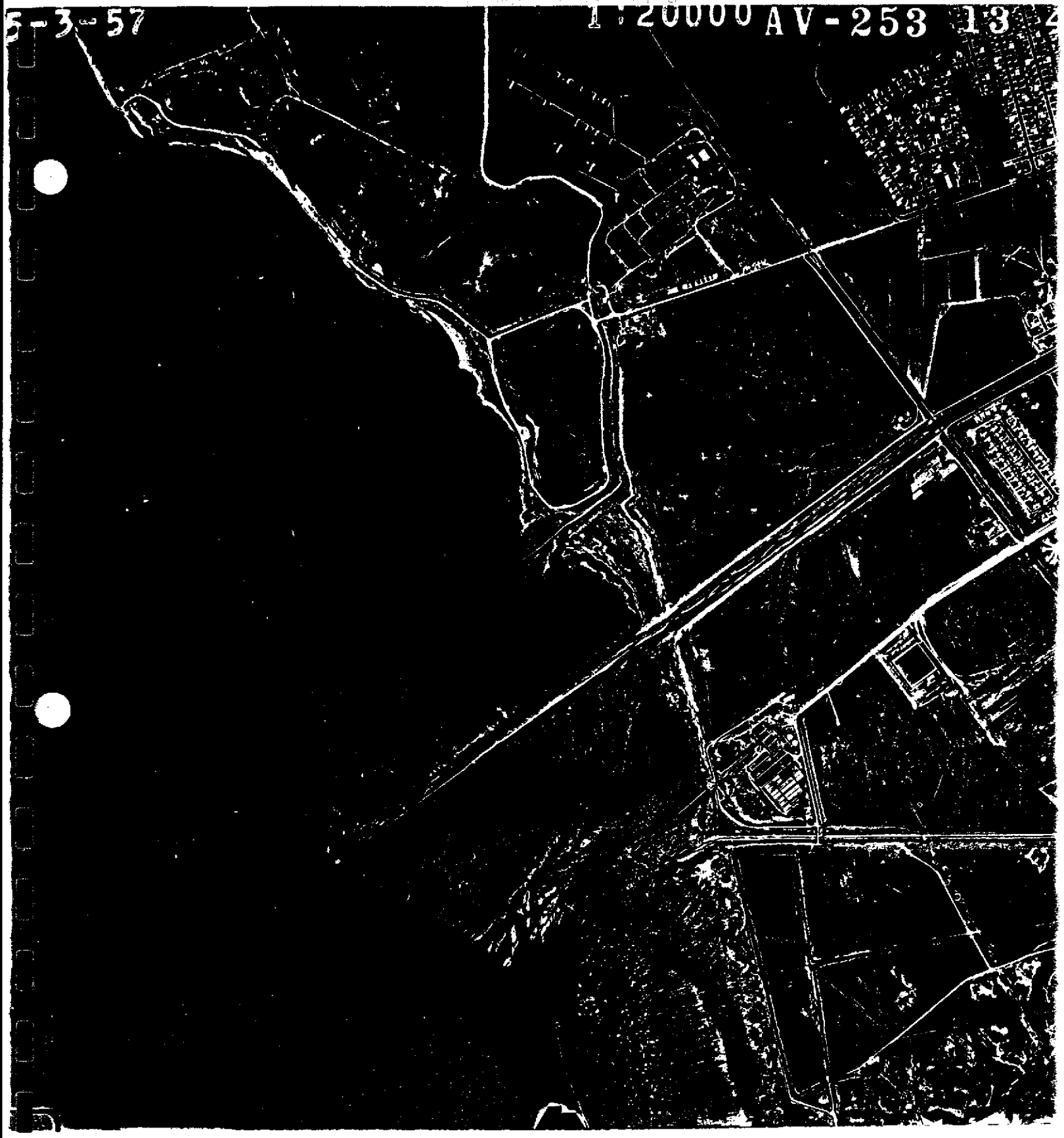
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Evergreen Environmental Services

:80 Smith Ave., Newark CA 94560
00) 972-5284 EPA ID# CAD 980695761

Send payment to:
Evergreen
P.O. Box 45987
San Francisco, CA 94145

Bill of Lading / Invoice

INVOICE 451414

Date 9-18-85

)B LOCATION

NAME: Service Manufacturing
ADDRESS: 2400 Baumann Rd
CITY: San Lorenzo STATE: CA ZIP: 94580 CO:
PHONE NO.: 510) 278-7400

BILLING INFORMATION

NAME:
ADDRESS:
CITY: STATE: ZIP: CO:
PHONE NO.: ( ) PROFILE NO.:

CASH ☐ CHECK ☐ #
CUSTOMER CODE NO.: SEMF01
PO #:
CUSTOMER EPA ID NO.: CALOOO092867

PRODUCT	WASTE CODE	MANIFEST NUMBER	QUANTITY	UNITS	PRICE	AMOUNT
Used oil, Non-RCRA Hazardous Lubricating	CA 221			Gal		
Waste, Liquid Industrial	CA 221			Gal		
Used Automotive Antifreeze, Non-RCRA Hazardous Waste, Liquid	CA 134			Gal		
RQ Waste Petroleum Oil NOS Combustible Liquid UN 1270 III (Oil contaminated with halogens)	CA 221 F001/F002			Gal		
Oil & Water, Non-RCRA Hazardous Waste, Liquid	CA221	95602393	700	Gal	1.85	1295 -
ste Solids and Sludges				Gal		
Wash-out				Each		
Drained Used Oil Filters				Drum		
Non-RCRA Hazardous Waste Solids (oily debris)	CA 223			Drum		
Empty Drums				Drum		
Transportation				Hrs.		
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						
Other:						
TEST PASS ☐ FAIL ☐		PPM		Test		

☐ Collection Station ☐ Agricultural Source
☐ Government Source ☒ Industrial Source
☐ Marine Source

NET 7 DAYS TOTAL CHARGES $1295

Please Pay From This Invoice

SDF EVERGREEN OIL, INC. (510) 795-4400
6880 Smith Avenue EPA ID# CAD980887418
Newark, CA 94560

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of the waste. All relevant information regarding known or suspected hazards associated with the waste has been disclosed. This further serves as notification that the above liquid wastes are banned from land disposal pursuant to Title 22 Section 66268.7 (a)(10). I also acknowledge that I have read and agree to the terms on the reverse side of this form.

KW 3 Kenny Walters
RIVER ROUTE # DRIVER SIGNATURE

GENERATOR'S SIGNATURE DOUGLAS L. DODSON
PRINT NAME

Evergreen Environmental Services

380 Smith Ave., Newark CA 94560
(800) 972-5284 EPA ID# CAD 980695761

Send payment to:
Evergreen
P.O. Box 45987
San Francisco, CA 94145

Bill of Lading / Invoice

INVOICE 451410

Date 9-15-95

JOB LOCATION

NAME Pacific Utility Body Shop
ADDRESS 2400 Baumann Ave
CITY San Lorenzo STATE CA ZIP 94580 CO
PHONE NO. 510 278-3769

BILLING INFORMATION

NAME
ADDRESS
CITY STATE ZIP CO
PHONE NO. ( )
PROFILE NO.

CASH ☒ CHECK ☐ # PAID
CUSTOMER CODE NO. CASH
PO #
CUSTOMER EPA ID NO.

PRODUCT	WASTE CODE	MANIFEST NUMBER	QUANTITY	UNITS	PRICE	AMOUNT
Used oil, Non-RCRA Hazardous Lubricating	CA 221	95442446	50	Gal	5/0	65—
Waste, Liquid Industrial	CA 221			Gal		
Used Automotive Antifreeze, Non-RCRA Hazardous Waste, Liquid	CA 134			Gal		
RQ Waste Petroleum Oil NOS Combustible Liquid UN 1270 III (Oil contaminated with halogens)	CA 221 F001/F002			Gal		
Oil & Water, Non-RCRA Hazardous Waste, Liquid	CAZZ1			Gal		
Waste Solids and Sludges				Gal		
Wash-out				Each		
Drained Used Oil Filters				Drum		
Non-RCRA Hazardous Waste Solids (oily debris)	CA 223			Drum		
Empty Drums				Drum		
Transportation				Hrs.		
Other:						
Other:						
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Other:						
Other:						
Other:						
Other:						

TEST PASS ☒ FAIL ☐ PPM Test

☒ Collection Station ☐ Agricultural Source
☐ Government Source ☐ Industrial Source
☐ Marine Source

NET 7 DAYS TOTAL CHARGES #65—

Please Pay From This Invoice

TSDF EVERGREEN OIL, INC. (510) 795-4400
6880 Smith Avenue EPA ID# CAD980887418
Newark, CA 94560

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of the waste. All relevant information regarding known or suspected hazards associated with the waste has been disclosed. This further serves as notification that the above liquid wastes are banned from land disposal pursuant to Title 22 Section 66268.7 (a)(10). I also acknowledge that I have read and agree to the terms on the reverse side of this form.

KW 3 Kenny Walton

DRIVER ROUTE # DRIVER SIGNATURE

GENERATOR'S SIGNATURE PRINT NAME
FOR PACIFIC UTILITY BODY
DALLAS L. DODSON

State of California—Environmental Protection Agency
Form Approved OMB No. 2050–0039 (Expires 9-30-96)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [illegible] Manifest Document No. [illegible]
2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number 95688046

B. State Generator's ID [illegible]

3. Generator's Name and Mailing Address
PACIFIC UTILITY [illegible] CO
[illegible] AVE
SAN LORENZO, CA [illegible]

4. Generator's Phone ([illegible] [illegible]

5. Transporter 1 Company Name
[illegible] ENVIRONMENTAL TECH

6. US EPA ID Number [illegible]

C. State Transporter's ID [illegible]

D. Transporter's Phone [illegible]

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address
[illegible] ENVIRONMENTAL TECH.
[illegible] Bay Road
East Palo Alto, CA [illegible]

10. US EPA ID Number CA [illegible]

G. State Facility's ID [illegible]

H. Facility's Phone (415) 324-1638

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. Waste PAINT RELATED MATERIAL 3 UN1263 PGII	[illegible]	[illegible]	[illegible]	P	State 212 EPA/Other D001
b. Waste PAINT RELATED MATERIAL 3 UN1263 PGII	[illegible]	[illegible]	[illegible]	G	State 212 EPA/Other D001
c. Waste BATTERIES, WET, FILLED WITH ACID 8 UN2794 PGIII (LEAD ACID BATTERIES)	[illegible]	[illegible]	[illegible]	P	State [illegible] EPA/Other D002
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above [illegible]

K. Handling Codes for Wastes Listed Above [illegible]

15. Special Handling Instructions and Additional Information

Line #	Profile #	DOT ERG #	EPA/Other Waste Code(s)
11-A	[illegible]7508	26	D001 D035 F003 F005
11-B	[illegible]7508	26	D018 D035 F003 F005
11-C	[illegible]	[illegible]	[illegible]

24 HR EMERGENCY RESPONSE NUMBER: [illegible]

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
DALLAS L. DODSON	[illegible]	09	05	95

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	09	05	95

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-96)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: [illegible]
Manifest Document No.: [illegible]
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
PACIFIC UTILITY BODY CO.
2400 BAUMANN AVE
SAN LORENZO CA 94580
4. Generator's Phone (510) 278-7401

A. State Manifest Document Number: 95602393
B. State Generator's ID: [illegible]

5. Transporter 1 Company Name: EVERGREEN ENVIRONMENTAL SERVICES
6. US EPA ID Number: CAD980695761
C. State Transporter's ID: 011586
D. Transporter's Phone: (510) 795-4400

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address
EVERGREEN OIL, INC.
6880 Smith Avenue
Newark, CA 94560
10. US EPA ID Number: CAD980887418
G. State Facility's ID: CAD980887418
H. Facility's Phone: (510) 795-4400

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON-RCRA HAZARDOUS WASTE, LIQUID	001	TT	[illegible]	G	State: [illegible] EPA/Other: NONE
b.					State: EPA/Other:
c.					State: EPA/Other:
d.					State: EPA/Other:

J. Additional Descriptions for Materials Listed Above
K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information
IN EMERGENCY
CALL CHEMTREC
1-800-424-9300
DOT ERG 31 WEAR PROTECTIVE EQUIPMENT

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
DALLAS L. DODSON	[signature]	09	18	95

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[signature]	[illegible]	[illegible]	[illegible]

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

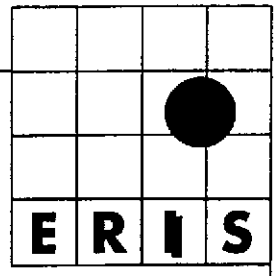
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

GENERATOR RETAINS

DTSC 8022A (1/95)
EPA 8700—22



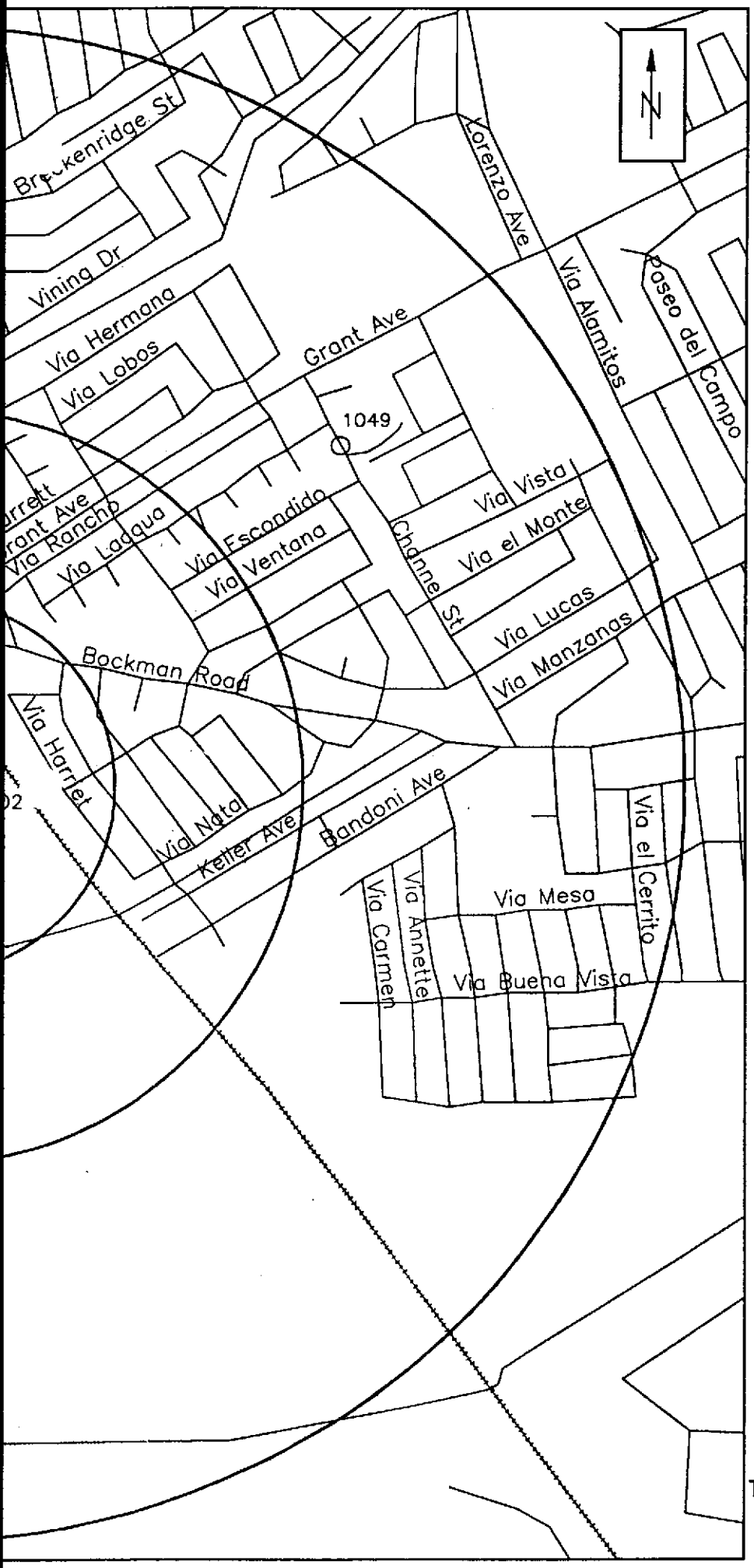
PERTAINING TO:
2400 BAUMANN AVENUE
SAN LORENZO, CA 94586

REPORT NUMBER:
73266A

PREPARED ON:
03/11/1996

ON BEHALF OF:
Environmental Testing & Management
2916 Magliocco Drive
Suite #2
San Jose, CA 95128

If you have any questions or comments regarding this report, please contact ERIIS Customer Service at 1-800-989-0403, locally at 703-834-0600, or fax us at 703-834-0606. Thank you for your order.



505 Huntmar Park Dr, Suite 200
Herndon, VA 22070
(703)834-0600 (800)989-0402
FAX: (703)834-0606

SITE INFORMATION

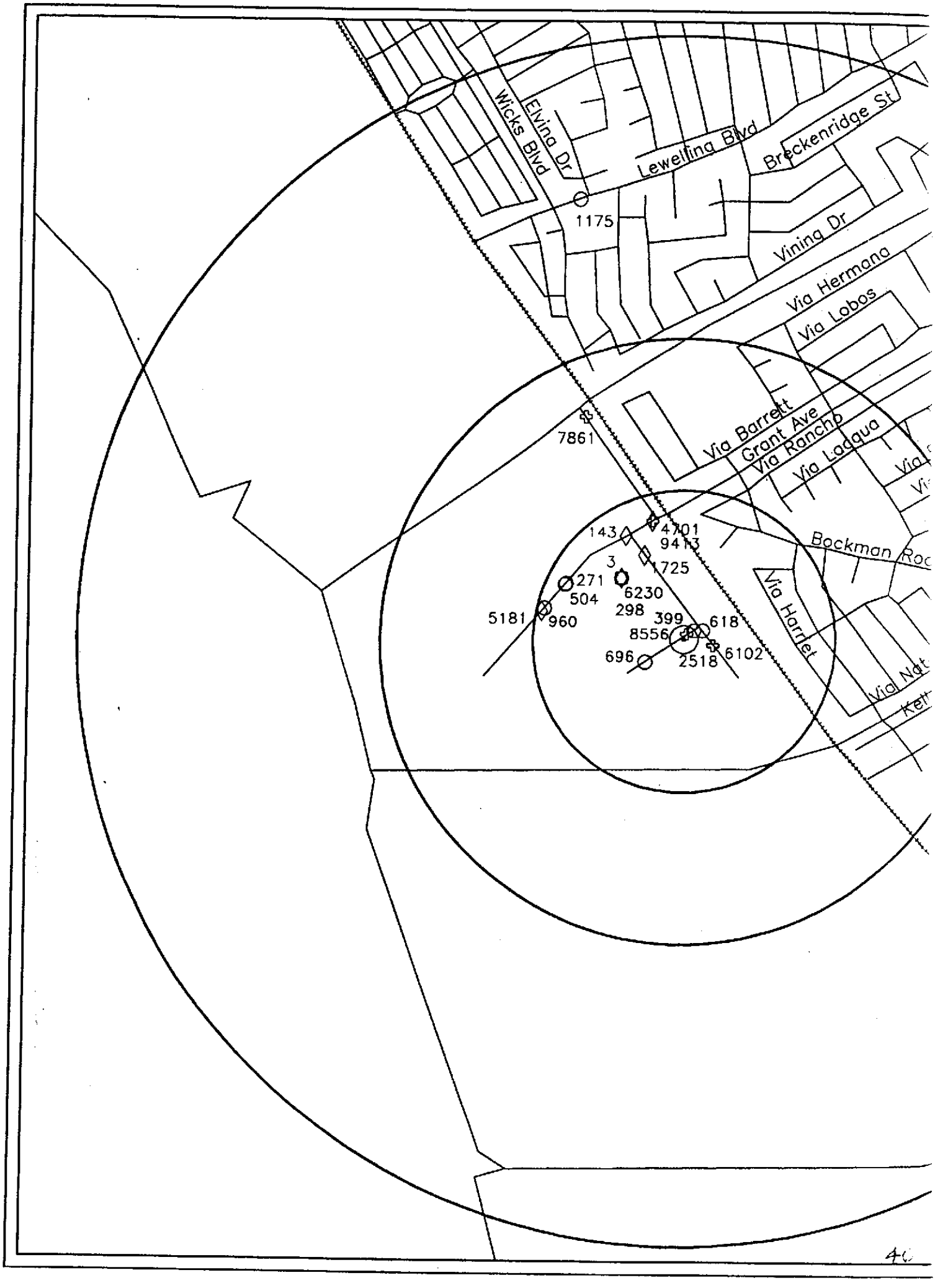
2400 Baumann Avenue
San Lorenzo, CA
Alameda County
Job Number: 73266A
Map Plotted: Mar 12, 1996

MAP LEGEND

- Site
- Radii 1/4, 1/2, 1 Mi
- Hydrography
- Railroads
- Roads
- NPL 0 Sites
- RCRIS_TS 0 Sites
- CERCLIS 0 Sites
- NFRAP 0 Sites
- RCRIS_LG 0 Sites
- RCRIS_SG 1 Site
- ERNS 0 Sites
- HWS 9 Sites
- LRST 5 Sites
- SWF 0 Sites
- RST 5 Sites
- OGW 0 Sites

Miles

0 0.25 0.5


Wicks Blvd
Elvina Dr
Lewelling Blvd
Breckenridge St
1175
Vining Dr
Via Hermana
Via Lobos
7861
Via Barrett
Grant Ave
Via Rancho
Via Ladgua
143
4101
9413
3
725
271
6230
504
298
5181
960
399
618
8556
696
2518
6102
Via Harriet
Beckman Roc
Via Nat
Kett
40

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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.

Historic 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 1-800-989-0403

ERIIS ASTM STATISTICAL PROFILE
State: CA

ERIIS Report #73266A — Mar 12, 1996

Site:
2400 BAUMANN AVENUE
SAN LORENZO, CA 94586

Latitude: 37.669149
Longitude: -122.150648

Database	Radius (Mi)	Property	Property-1/4	1/4-1/2	1/2-1	>1	TOTAL
NPL	1		0	0	0		0
RCRIS_TS	1		0	0	0		0
CERCLIS	.5		0	0			0
NFRAP	.5		0	0			0
RCRIS_LG	.25		0				0
RCRIS_SG	.25		1				1
ERNS	.05		0				0
HWS	1	X	7	0	2		9
LRST	.5	X	4	1			5
SWF	.5		0	0			0
RST	.25		5				5
OGW	.25		0				0
			17	1	2	0	20

Radon Zone Level: 2

Zone 2 has a predicted average indoor screening level > = 2 pCi/L and < = 4 pCi/L

A Radon Zone should not be used to determine if individual homes need to be tested for radon. The EPA's Office of Radiation and Indoor Air (202/233-9320) recommends that all homes be tested for radon, regardless of geographic location or the zone designation in which the property is located.

A property is defined as a .05 mile buffer around the site's latitude and longitude.

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.

NPL
Date of Data: 07/01/1995
Release Date: 10/11/1995
US Environmental Protection Agency
Office Of Solid Waste And Emergency Response
703/603-8881

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 Upon A Score Which The Site Receives From The EPA's Hazardous Ranking System. These Sites Are Targeted For Possible Long-Term Remedial Action Under The Superfund Act.

RCRIS_TS
Date of Data: 05/01/1995
Release Date: 07/14/1995
US Environmental Protection Agency
Office Of Solid Waste And Emergency Response
202/260-4610

Resource Conservation And Recovery Information System - Treatment, Storage, And Disposal Facilities

The RCRIS_TS Report Contains Information Pertaining To Facilities Which Either Treat, Store, Or Dispose Of Hazardous Waste. Information Pertaining To The Status Of Facilities Tracked By The RCRA Administrative Action Tracking System (RAATS 3/03/95) Is Included In The RCRIS_TS Report.

CERCLIS
Date of Data: 07/01/1995
Release Date: 10/11/1995
US Environmental Protection Agency
Office Of Solid Waste And Emergency Response
703/603-8730

Comprehensive Environmental Response, Compensation, And Liability Information System

The CERCLIS Database Is A Comprehensive Listing Of Known Or Suspected Uncontrolled Or Abandoned Hazardous Waste Sites. These Sites Have Either Been Investigated, Or Are Currently Under Investigation By The Federal 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. As Of February 1995, CERCLIS Sites Designated "No Further Remedial Action Planned" (NFRAP) Have Been Removed From The CERCLIS Database.

NFRAP
Date of Data: 02/28/1995
Release Date: 04/07/1995
US Environmental Protection Agency
Office Of Solid Waste And Emergency Response
703/603-8881

No Further Remedial Action Planned Sites

The No Further Remedial Action Planned Report (NFRAP) Contains Information Pertaining To Sites Which Have Been Removed From The Federal EPA's CERCLIS Database. NFRAP Sites May Be Sites Where, Following An Initial Investigation, No Contamination Was Found, Contamination Was Removed Quickly Without Need For The Site To Be Placed On The NPL, Or The Contamination Was Not Serious Enough To Require Federal Superfund Action Or NPL Consideration.

RCRIS_LG
Date of Data: 05/01/1995
Release Date: 07/14/1995
US Environmental Protection Agency
Office Of Solid Waste And Emergency Response
202/260-4610

Resource Conservation And Recovery Information System - Large Quantity Generators

The RCRIS_LG Report Contains Information Pertaining To Facilities Which Either Generate More Than 1000kg Of Hazardous Waste Per Month Or Meet Other Applicable Requirements Of The Resource Conservation And Recovery Act. Information Pertaining To The Status Of Facilities Tracked By The RCRA Administrative Action Tracking System (RAATS 3/03/95) Is Included In The RCRIS_LG Report.

RCRIS_SG
Date of Data: 05/01/1995
Release Date: 07/14/1995
US Environmental Protection Agency
Office Of Solid Waste And Emergency Response
202/260-4610

Resource Conservation And Recovery Information System - Small Quantity Generators

The RCRIS_SG Report Contains Information Pertaining To Facilities Which Either Generate Between 100kg And 1000kg Of Hazardous Waste Per Month Or Meet Other Applicable Requirements Of The Resource Conservation And Recovery Act. Information Pertaining To The Status Of Facilities Tracked By The RCRA Administrative Action Tracking System (RAATS 3/03/95) Is Included In The RCRIS_SG Report.

ERNS
Date of Data: 07/01/1995
Release Date: 10/16/1995
US Environmental Protection Agency
Office Of Solid Waste And Emergency Response
202/260-2342

Emergency Response Notification System - 1995

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 Occured Between January 1, 1995 and July 1, 1995.

HWS
Date of Data: 08/07/1995
Release Date: 09/08/1995
CA Dept. Of Toxic Substances Control
Site Mitigation Branch/CalSites
916/323-3400

California CalSites

The California Calsites Report Contains Information Pertaining To State Hazardous Waste Sites. Sites Formerly Listed In The Annual Workplan (AWP), The Abandoned Sites Project Information System (ASPIS), And The Bond Expenditure Plan (BEP) Are Now Included In The Calsites Database.

LRST
Date of Data: 10/23/1995
Release Date: 11/13/1995
Water Quality Control Board(s)
CA EPA - Hazardous Materials Data Mgt.
916/445-6532

California Leaking Underground Storage Tank Report

The California Leaking Underground Storage Tank Report Contains Information Pertaining To Reported Leaking Underground Storage Tanks Within The State Of California. ERIIS Has Obtained The LUST Information From The State EPA And The Regional Water Quality Control Boards. The Dates Of The Information For The Specific Regions Are As Follows:
Region 1 - North Coast Region - 6/27/95
Region 2 - San Fran. Bay Region - 7/23/95
Region 3 - Central Coast Region - 9/20/95
Region 4 - Los Angeles Region - 12/7/95
Region 5 - Central Valley Region - 11/7/95
Region 6 - Lohontan Region - 10/2/95
Region 7 - CO River Basin Region - 6/22/95
Region 8 - Santa Ana Region - 12/5/95
Region 9 - San Diego Region - 8/15/95

SWF
Date of Data: 09/08/1995
Release Date: 09/12/1995
CA Intergrated Waste Management Board
SWIS Program
916/255-2330

California Solid Waste Information System

The California Solid Waste Information System Report Contains Information Pertaining To All Permitted Active And Inactive Solid Waste Landfills And Processing Facilities Located Within The State Of California.

RST
Date of Data: 03/17/1994
Release Date: 03/21/1994
CA STATE WATER RESOURCES CONTROL BOARD

800/327-9337

California Underground Storage Tank Report

The California Underground Storage Tank Report Is A Comprehensive Listing Of All Registered Underground Storage Tanks Located Within The State Of California.

OGW
Date of Data: 12/01/1993
Release Date: 05/27/1994
Petroleum Information Corporation

303/595-7500

California Oil and Gas Well Report

The California Oil And Gas Well Date Report Contains Location And Production Information For All Regulated Oil And Gas Wells In The State Of California.

ERIIS SUMMARY OF PLOTTABLE SITES

ERIIS Report #73266A

Mar 12, 1996

ERIIS ID.	FACILITY/ADDRESS	DATABASE	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
	0 - 1/4 Miles				
06005008556	GALLO SALAME 2411 BAUMANN AVE SAN LORENZO, CA 94580-1801 COUNTY: ALAMEDA	LRST	0.013 Mi	NORTHEAST	8556
06040000618	SERVICE MANUFACTURING 2400 BAUMANN AVE SAN LORENZO, CA 94580-1896 COUNTY: ALAMEDA	HWS	0.024 Mi	NORTHEAST	618
06040000399	PACIFIC ROLLING DOOR 15900 WORTHLEY DR SAN LORENZO, CA 94580-1844 COUNTY: ALAMEDA	HWS	0.036 Mi	NORTHEAST	399
06005006102	CUT & READY FOODS 16505 WORTHLEY DR SAN LORENZO, CA 94580-1811 COUNTY: ALAMEDA	LRST	0.048 Mi	SOUTHEAST	6102
06005022518	WORTHLEY DRIVE PARCEL 16525 WORTHLEY DR SAN LORENZO, CA 94580-1811 COUNTY: ALAMEDA	LRST	0.049 Mi	SOUTHEAST	2518
06040000696	TRI-J-TRUCKING 2480 BAUMANN AVE SAN LORENZO, CA 94580-1802 COUNTY: ALAMEDA	HWS	0.071 Mi	SOUTHWEST	696
06040000298	A B BOYS COMPANY 2527 GRANT AVE SAN LEANDRO, CA 94579-2501 COUNTY: ALAMEDA	HWS	0.147 Mi	NORTHWEST	298
06010006230	BERCOVICH-SOSNICK 2561 GRANT AVE SAN LEANDRO, CA 94579-2501 COUNTY: ALAMEDA	RST	0.147 Mi	NORTHWEST	6230
06008000003	GRANT AVE TRAMMELL CROW CO 2509 GRANT AVE SAN LEANDRO, CA 94579-2501 COUNTY: ALAMEDA	RCRIS_SG	0.147 Mi	NORTHWEST	3
06010041725	PACKAGE DELIVERY EXPRESS 15651 WORTHLEY DR SAN LORENZO, CA 94580-1800 COUNTY: ALAMEDA	RST	0.156 Mi	NORTHWEST	1725
06010020143	FANFA INC 2401 GRANT AVE SAN LORENZO, CA 94580-1807 COUNTY: ALAMEDA	RST	0.199 Mi	NORTHWEST	143
06005019413	THARCO 2222 GRANT AVE SAN LORENZO, CA 94580-1892 COUNTY: ALAMEDA	LRST	0.206 Mi	NORTHWEST	9413
06010054701	THARCO 2222 GRANT AVE SAN LORENZO, CA 94580-1804 COUNTY: ALAMEDA	RST	0.206 Mi	NORTHWEST	4701
06040000271	C & R RUBBER PRODUCTS INC 2548 GRANT AVE SAN LORENZO, CA 94580-1810 COUNTY: ALAMEDA	HWS	0.218 Mi	NORTHWEST	271
06040000504	HERB KATTENHORN & COMPANY 2550 GRANT AVE SAN LORENZO, CA 94580-1810 COUNTY: ALAMEDA	HWS	0.218 Mi	NORTHWEST	504
06040000960	DAVID'S ANTIQUES 2578 GRANT AVE SAN LORENZO, CA 94580-1810 COUNTY: ALAMEDA	HWS	0.238 Mi	NORTHWEST	960
06010055181	THOMPSON FENCE CO. 2584 GRANT AVE SAN LORENZO, CA 94580-1810 COUNTY: ALAMEDA	RST	0.241 Mi	NORTHWEST	5181
	1/4 - 1/2 Miles				
06005017861	SHERMAN TRUCKING 1000 RAILROAD SAN LORENZO, CA 94580 COUNTY: ALAMEDA	LRST	0.405 Mi	NORTHWEST	7861
	1/2 - 1 Miles				
06040001049	ARROYO WASH & DRY 15869 CHANNEL ST SAN LORENZO, CA 94580-1441 COUNTY: ALAMEDA	HWS	0.710 Mi	NORTHEAST	1049

ERIIS SUMMARY OF PLOTTABLE SITES

ERIIS Report #73266A

Mar 12, 1996

ERIIS ID.	FACILITY/ADDRESS	DATABASE	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
0( )01175	WORLEY'S INTERIORS 1976 LEWELLING BLVD SAN LEANDRO, CA 94579-2229 COUNTY: ALAMEDA	HWS	0.753 Mi	NORTHWEST	1175

ERIIS ENVIRONMENTAL DATA REPORT
RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM
RCRIS_SG - PLOTTABLE SITES - PAGE 1

ERIIS Report #73268A

Mar 12, 1996

ERIIS ID / EPA ID / RCRA COMPLIANT	FACILITY / NUMBER OF CORRECTIVE ACTION EVENTS / NUMBER OF HIGH PRIORITY NCAPS	ADDRESS	RAATS ISSUE DATE / RAATS ACTION/STATUS / RAATS PENALTIES	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06008000003 CAD000825832 Y	GRANT AVE TRAMMELL CROW CO 0 0	2509 GRANT AVE SAN LEANDRO, CA 94579-2501 COUNTY: ALAMEDA	FACILITY NOT REPORTED IN RAATS	0.147 MILES	NORTHWEST	3

REPORTED WASTE CODES	AMOUNT OF WASTE
D000	NOT REPORTED
D001	NOT REPORTED
D002	NOT REPORTED
D003	NOT REPORTED

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA CALSITES
HWS - PLOTTABLE SITES - PAGE 1

ERIIS Report #73266A

Mar 12, 1996

ERIIS ID / FACILITY ID	FACILITY	ADDRESS	CALSITE STATUS / GROUNDWATER STATUS	CALSITE STATUS DATE	MAP ID
06040000618 01370006	SERVICE MANUFACTURING DISTANCE FROM SITE: 0.024 MILES DIRECTION FROM SITE: NORTHEAST	2400 BAUMANN AVE SAN LORENZO, CA 94580-1896 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	08/08/80	618
06040000399 01340055	PACIFIC ROLLING DOOR DISTANCE FROM SITE: 0.036 MILES DIRECTION FROM SITE: NORTHEAST	15900 WORTHLEY DR SAN LORENZO, CA 94580-1844 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	08/07/80	399
06040000696 01420015	TRI-J-TRUCKING DISTANCE FROM SITE: 0.071 MILES DIRECTION FROM SITE: SOUTHWEST	2480 BAUMANN AVE SAN LORENZO, CA 94580-1802 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	08/08/80	696
06040000298 01320003	A B BOYS COMPANY DISTANCE FROM SITE: 0.147 MILES DIRECTION FROM SITE: NORTHWEST	2527 GRANT AVE SAN LEANDRO, CA 94579-2501 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	06/01/81	298
06040000504 01350055	HERB KATTENHORN & COMPANY DISTANCE FROM SITE: 0.218 MILES DIRECTION FROM SITE: NORTHWEST	2550 GRANT AVE SAN LORENZO, CA 94580-1810 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	08/07/80	504
06040000271 01300020	C & R RUBBER PRODUCTS INC DISTANCE FROM SITE: 0.218 MILES DIRECTION FROM SITE: NORTHWEST	2548 GRANT AVE SAN LORENZO, CA 94580-1810 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	08/07/80	271
06040000960 01570003	DAVID'S ANTIQUES DISTANCE FROM SITE: 0.238 MILES DIRECTION FROM SITE: NORTHWEST	2578 GRANT AVE SAN LORENZO, CA 94580-1810 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	08/25/80	960
06040001049 01720088	ARROYO WASH & DRY DISTANCE FROM SITE: 0.710 MILES DIRECTION FROM SITE: NORTHEAST	15869 CHANNEL ST SAN LORENZO, CA 94580-1441 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	10/22/80	1049
06040001175 01760003	WORLEY'S INTERIORS DISTANCE FROM SITE: 0.753 MILES DIRECTION FROM SITE: NORTHWEST	1976 LEWELLING BLVD SAN LEANDRO, CA 94579-2229 COUNTY: ALAMEDA	NO FURTHER ACTION FOR DTSC NOT REPORTED	12/01/80	1175

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA LEAKING UNDERGROUND STORAGE TANKS
LRST - PLOTTABLE SITES - PAGE 1

ERIIS Report #73266A

Mar 12, 1996

ERIIS ID	FACILITY	ADDRESS	COUNTY	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06005008556	GALLO SALAME	2411 BAUMANN AVE SAN LORENZO, CA 94580-1801	ALAMEDA	0.013 MILES	NORTHEAST	8556

CASE NO.	REPORT DATE	CASE TYPE	SUBSTANCE	ABATEMENT METHOD	STATUS
1784	12/11/87	OTHER	GASOLINE	NO ACTION TAKEN	CASE CLOSED

CASE CLOSED: 05/16/95
REMEDIAL ACTION:
REMEDIATION PLAN:
LEAK BEING CONFIRMED:
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
PRELIMINARY SITE ASSESSMENT UNDERWAY:
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

ERIIS ID	FACILITY	ADDRESS	COUNTY	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06005006102	CUT & READY FOODS	16505 WORTHLEY DR SAN LORENZO, CA 94580-1811	ALAMEDA	0.048 MILES	SOUTHEAST	6102

CASE NO.	REPORT DATE	CASE TYPE	SUBSTANCE	ABATEMENT METHOD	STATUS
5009	09/06/88	OTHER	DIESEL	NO ACTION TAKEN	LEAK BEING CONFIRMED

CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
LEAK BEING CONFIRMED:
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
PRELIMINARY SITE ASSESSMENT UNDERWAY:
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

ERIIS ID	FACILITY	ADDRESS	COUNTY	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06005022518	WORTHLEY DRIVE PARCEL	16525 WORTHLEY DR SAN LORENZO, CA 94580-1811	ALAMEDA	0.049 MILES	SOUTHEAST	2518

CASE NO.	REPORT DATE	CASE TYPE	SUBSTANCE	ABATEMENT METHOD	STATUS
3604	09/11/87	OTHER	GASOLINE	EXCAVATE AND DISPOSE	POST REMEDIAL ACTION MONTORING

CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
LEAK BEING CONFIRMED:
POLLUTION CHARACTERIZATION: 11/30/89
POST REMEDIAL ACTION MONITORING: 12/04/90
PRELIMINARY SITE ASSESSMENT UNDERWAY: 08/24/87
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

ERIIS ID	FACILITY	ADDRESS	COUNTY	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06005019413	THARCO	2222 GRANT AVE SAN LORENZO, CA 94580-1892	ALAMEDA	0.206 MILES	NORTHWEST	9413

CASE NO.	REPORT DATE	CASE TYPE	SUBSTANCE	ABATEMENT METHOD	STATUS
1794	06/17/93	SOIL ONLY	MISCELLANEOUS MOTOR VEHICLE FUELS	NO ACTION TAKEN	PRELIMINARY SITE ASSESSMENT UNDERWAY

CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
LEAK BEING CONFIRMED: 07/22/93
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
PRELIMINARY SITE ASSESSMENT UNDERWAY: 07/12/94
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

ERIIS ID	FACILITY	ADDRESS	COUNTY	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06005017861	SHERMAN TRUCKING	1000 RAILROAD SAN LORENZO, CA 94580	ALAMEDA	0.405 MILES	NORTHWEST	7861

CASE NO.	REPORT DATE	CASE TYPE	SUBSTANCE	ABATEMENT METHOD	STATUS
NOT REPORTED	06/03/87	SOIL ONLY	WASTE OIL	NO ACTION TAKEN	LEAK BEING CONFIRMED

CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
LEAK BEING CONFIRMED:
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
PRELIMINARY SITE ASSESSMENT UNDERWAY:
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA UNDERGROUND STORAGE TANKS
RST - PLOTTABLE SITES - PAGE 1

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ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE	MAP ID
06010006230	BERCOVICH-SOSNICK DISTANCE FROM SITE: 0.147 MILES DIRECTION FROM SITE: NORTHWEST	WHOLESALE CANDY	2561 GRANT AVE SAN LEANDRO, CA 94579-2501 COUNTY: ALAMEDA	GREGORY T JONES (415) 481-2700	6230

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	12000 G	NOT REPORTED	ACTIVE	UNKNOWN	UNKNOWN

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE	MAP ID
06010041725	PACKAGE DELIVERY EXPRESS DISTANCE FROM SITE: 0.156 MILES DIRECTION FROM SITE: NORTHWEST	TRUCKING	15651 WORTHLEY DR SAN LORENZO, CA 94580-1800 COUNTY: ALAMEDA	(415) 481-2200	1725

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
	10000 G	NOT REPORTED	ACTIVE	DOUBLE WALL	UNKNOWN

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE	MAP ID
06010020143	FANFA INC DISTANCE FROM SITE: 0.199 MILES DIRECTION FROM SITE: NORTHWEST	NOT SUPPLIED	2401 GRANT AVE SAN LORENZO, CA 94580-1807 COUNTY: ALAMEDA	JOSEPH G. FANFA (415) 278-8410	143

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1001	1000 G	EMPTY	INACTIVE	UNKNOWN	BARE STEEL
1002	1000 G	EMPTY	INACTIVE	UNKNOWN	BARE STEEL
1003	700 G	OIL	ACTIVE	SINGLE WALL	BARE STEEL

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE	MAP ID
06010054701	THARCO DISTANCE FROM SITE: 0.206 MILES DIRECTION FROM SITE: NORTHWEST	CONSTRUCTION/BUILD	2222 GRANT AVE SAN LORENZO, CA 94580-1804 COUNTY: ALAMEDA	STEVE NELSON (510) 276-3000	4701

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
#1	2000 G	NOT REPORTED	REMOVED	SINGLE WALL	BARE STEEL

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE	MAP ID
06010055181	THOMPSON FENCE CO. DISTANCE FROM SITE: 0.241 MILES DIRECTION FROM SITE: NORTHWEST	FENCE COMPANY	2584 GRANT AVE SAN LORENZO, CA 94580-1810 COUNTY: ALAMEDA	HOLDENER PETROLEUM (415) 276-8350	5181

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	1000 G	NOT REPORTED	ACTIVE	UNKNOWN	UNKNOWN

Unplottable Sites

The remaining report pages list additional environmental sites that have been selected based on geographic criteria unique to your study site. They are classified as "unplottable sites" and require further investigation to assess their potential impact on your site.

How to Evaluate Unplottable Sites

Step 1
Streets Within the Radius: the following page is an alphabetical index of all streets that intersect or are contained within the largest study radius (usually one mile).

Step 2
Cross-Reference: use the "Streets Within the Radius" index to cross-reference the unplottable sites. For example, if Maple Avenue and Oak Avenue are listed in the street index, then any unplottable sites with a Maple Avenue or Oak Avenue address should be checked for possible impact on study site.

Questions on ERIIS' Proprietary Geocoding?

We're happy to answer any questions you might have about our data processing and **point-geocoding** (assigning a latitude and longitude to each address). Just give us a call on our toll-free number at (800) 989-0402 and let us know what state you're calling from. Our customer service staff is available from 8 a.m. to 8 p.m. (EST).

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)."

Therefore, this Report contains information available by latitude/longitude or by ZIP code. If your research requires environmental records for which only city or county information is available (i.e., no valid street or ZIP code) ERIIS will include this data at no extra charge.

ERIIS LIST OF STREETS IN THE RADIUS

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STREET NAME

Andover St
Arena St
Argonne St
Bandoni Ave
Banff
Baumann Ave
Beatty St
Belding St
Belleau St
Bockman Road
Boxer Ct
Breckenridge St
Brunswick Cir
Busby Ave
Calgary St
Channel St
Churchill St
Corte Angelo
Corte Breve
Corte Enano
Corte Francesa
Corte Geraldo
Corte Hornitos
Corte Mariana
Corte Ulisse
Corte Yolanda
Cranbrook St
Culver Pl
Devonwood Way
Dewey St
Duzmal Ave
Edgemoor St
Edmonton Ave
Elko Ct
Elvina Dr
Faris St
Farnsworth St
Genley St
George Way
Grant Ave
Hebron Ct
Inverness St
Jacqueline Pl
Jutland St
Keller Ave
Kramer St
Lanier Ave
Laverne Dr
Lewelling Blvd
London Ave
Lucas Ct
Marne St
Maureen St
Mendocino St
Montreal St
Nelson St
Nielson Ave
Quebec Ave
Railroad Ave
Randy St
Ruggles St
Santa Margarita
Santa Monica
Santa Paula
Santa Susana
Santa Teresa
Santa Ynez
Sayre St
Sunnyhaven St
Toronto Ave
Via Amigos
Via Anade
Via Annette
Via Barrett
Via Bregani
Via Buena Vista
Via Carmen
Via Carreta
Via Catherine
Via Chiquita
Via Chorro
Via Coralla
Via Eduardo
Via Enrico
Via Escondido
Via Esmond
Via Faisan
Via Frances
Via Harriet
Via Helena
Via Hermana
Via Hornitos
Via Julia
Via Karl
Via Lacqua
Via Lobos
Via Lucas
Via Lupine
Via Madeline
Via Madera
Via Manzanas

STREET NAME

Via Melina
Via Mesa
Via Milos
Via Murietta
Via Natal
Via Nueva
Via Owen
Via Rancho
Via Redondo
Via Represa
Via San Ardo
Via San Juan
Via Sarita
Via Seco
Via Sonata
Via Sonora
Via Sonya
Via Sorrento
Via Susana
Via Teresa
Via Tovita
Via Toyon
Via Vecinos
Via Ventana
Via Vista
Via Walter
Via del Rey
Via del Robles
Via el Cerrito
Via el Monte
Via la Jolla
Via la Paloma
Vida Ct
Vining Dr
Wicks Blvd
Worthley Dr

ERIIS SUMMARY OF UNPLOTTABLE SITES
(Facilities sorted alphabetically within ZIP Code)

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ERIIS ID.	FACILITY/STREET	CITY/STATE/ZIP/COUNTY	DATABASE
0004293	ARRIBA VISTA RANCH 5810 MISSION RD	SUNOL, CA 94586 COUNTY: ALAMEDA	RST
06005023880	CHEVRON 11727 MAIN ST	SUNOL, CA 94586 COUNTY: ALAMEDA	LRST
06005025650	LOUTHAN PROPERTY 11930 MAIN ST	SUNOL, CA 94586 COUNTY: ALAMEDA	LRST
06010036790	MISSION VALLEY ROCK CO. 7999 ATHENOUR WAY	SUNOL, CA 94586-9454 COUNTY: ALAMEDA	RST
06007015322	PACIFIC BELL MAIN STREET	SUNOL, CA 94586 COUNTY: ALAMEDA	RCRIS_LG
06010041620	PACIFIC NURSERIES OF CALIF., I 8255 NILES CANYON	SUNOL, CA 94586 COUNTY: ALAMEDA	RST
06010046481	RMC LONESTAR PLANT #120 CALAVERAS	SUNOL, CA 94586 COUNTY: ALAMEDA	RST
06010047226	ROSALYN C HAYS 6501 CALAVERAS	SUNOL, CA 94586 COUNTY: ALAMEDA	RST
06005026915	S.F. WATER DEPARTMENT 505 PALOMA WAY	SUNOL, CA 94586 COUNTY: ALAMEDA	LRST
06005026943	SAN ANTONIO PUMPING STATION 5555 CALAVERAS RD	SUNOL, CA 94586 COUNTY: ALAMEDA	LRST
06010048500	SAN FRANCISCO WATER DEPT. PROP 8299 NILES CANYON	SUNOL, CA 94586 COUNTY: ALAMEDA	RST
05026999	SANTA CLARA SAND AND GRAVEL 6527 CALAVERAS RD	SUNOL, CA 94586 COUNTY: ALAMEDA	LRST
06005027127	SF WATER DEPT/PUBLIC WORKS 8653 CALAVERAS RD	SUNOL, CA 94586 COUNTY: ALAMEDA	LRST
06010053405	SUNOL CHEVRON SERVICE 3004 ANDRADE RD	SUNOL, CA 94586-9453 COUNTY: ALAMEDA	RST
06005027564	SUNOL COMMUNICATION CENTER 3700 PALOMARES RD	SUNOL, CA 94586 COUNTY: ALAMEDA	LRST
06010053406	SUNOL JUNCTION 3700 POLOMARES	SUNOL, CA 94586 COUNTY: ALAMEDA	RST
06010053407	SUNOL PLANT 8653 CALAVERAS	SUNOL, CA 94586 COUNTY: ALAMEDA	RST
06010053408	SUNOL PUMP STATION 505 PALOMA	SUNOL, CA 94586 COUNTY: ALAMEDA	RST
06008019849	SUNOL RADIOGRAPHIC INSPECTION 11973 FOOTHILL RD	SUNOL, CA 94586 COUNTY: ALAMEDA	RCRIS_SG
06010053409	SUNOL REGIONAL WILDERNESS E END OF GEARY	SUNOL, CA 94586 COUNTY: ALAMEDA	RST
06010053410	SUNOL SERVICE 11727 MAIN	SUNOL, CA 94586 COUNTY: ALAMEDA	RST
06010056767	TYLER RANCH 12371 FOOTHILL	SUNOL, CA 94586 COUNTY: ALAMEDA	RST
06005000029	UNKNOWN	SUNOL, CA 94586 COUNTY: ALAMEDA	LRST
06042001176	ALL CITIES NORTH OF WEST END WINTON AVE.	HAYWARD, CA COUNTY: ALAMEDA	SWF

ERIIS SUMMARY OF UNPLOTTABLE SITES
(Facilities sorted alphabetically within ZIP Code)

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ERIIS ID.	FACILITY/STREET	CITY/STATE/ZIP/COUNTY	DATABASE
2000454	DAVIS STREET SANITARY LANDFILL FOOT OF DAVIS STREET	SAN LEANDRO, CA COUNTY: ALAMEDA	SWF

ERIIS ENVIRONMENTAL DATA REPORT
RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM
RCRIS_LG - UNPLOTTABLE SITES

ERIIS Report #73266A

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ERIIS ID EPA ID RCRA COMPLIANT	FACILITY NUMBER OF CORRECTIVE ACTION EVENTS NUMBER OF HIGH PRIORITY NCAPS	ADDRESS	RAATS ISSUE DATE RAATS ACTION/STATUS RAATS PENALTIES
06007015322 CAT080020373 Y	PACIFIC BELL 0 0	MAIN STREET SUNOL, CA 94586 COUNTY: ALAMEDA	FACILITY NOT REPORTED IN RAATS

REPORTED WASTE CODES	AMOUNT OF WASTE
D002	NOT REPORTED
D004	NOT REPORTED

ERIIS ENVIRONMENTAL DATA REPORT
RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM
RCRIS_SG - UNPLOTTABLE SITES

ERIIS Report #73266A

Mar 12, 1996

ERIIS ID EPA ID RCRA COMPLIANT	FACILITY NUMBER OF CORRECTIVE ACTION EVENTS NUMBER OF HIGH PRIORITY NCAPS	ADDRESS	RAATS ISSUE DATE RAATS ACTION/STATUS RAATS PENALTIES
06008019849 CAR000001891 Y	SUNOL RADIOGRAPHIC INSPECTION 0 0	11973 FOOTHILL RD SUNOL, CA 94586 COUNTY: ALAMEDA	FACILITY NOT REPORTED IN RAATS

REPORTED WASTE CODES	AMOUNT OF WASTE
D000	NOT REPORTED
D011	NOT REPORTED

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA LEAKING UNDERGROUND STORAGE TANKS
LRST - UNPLOTTABLE SITES

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ERIIS ID	FACILITY	ADDRESS	COUNTY
06005000029	UNKNOWN	NOT REPORTED SUNOL, CA 94586	ALAMEDA

CASE NO.	REPORT DATE	CASE TYPE	SUBSTANCE	ABATEMENT METHOD	STATUS
NOT REPORTED	NOT REPORTED	SOIL ONLY	GASOLINE	NO ACTION TAKEN	LEAK BEING CONFIRMED

CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
LEAK BEING CONFIRMED:
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
PRELIMINARY SITE ASSESSMENT UNDERWAY:
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

ERIIS ID	FACILITY	ADDRESS	COUNTY
06005023880	CHEVRON	11727 MAIN ST SUNOL, CA 94586	ALAMEDA

CASE NO.	REPORT DATE	CASE TYPE	SUBSTANCE	ABATEMENT METHOD	STATUS
2468	08/12/89	OTHER	GASOLINE	EXCAVATE AND TREAT	PRELIMINARY SITE ASSESSMENT UNDERWAY

CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
LEAK BEING CONFIRMED:
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
PRELIMINARY SITE ASSESSMENT UNDERWAY: 11/13/91
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

ERIIS ID	FACILITY	ADDRESS	COUNTY
06005025650	LOUTHAN PROPERTY	11930 MAIN ST SUNOL, CA 94586	ALAMEDA

CASE NO.	REPORT DATE	CASE TYPE	SUBSTANCE	ABATEMENT METHOD	STATUS
NOT REPORTED	02/25/88	SOIL ONLY	GASOLINE	NO ACTION TAKEN	LEAK BEING CONFIRMED

CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
LEAK BEING CONFIRMED:
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
PRELIMINARY SITE ASSESSMENT UNDERWAY:
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

ERIIS ID	FACILITY	ADDRESS	COUNTY
06005026915	S.F. WATER DEPARTMENT	505 PALOMA WAY SUNOL, CA 94586	ALAMEDA

CASE NO.	REPORT DATE	CASE TYPE	SUBSTANCE	ABATEMENT METHOD	STATUS
3118	11/13/86	SOIL ONLY	DIESEL	NO ACTION TAKEN	PRELIMINARY SITE ASSESSMENT UNDERWAY

CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
LEAK BEING CONFIRMED:
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
PRELIMINARY SITE ASSESSMENT UNDERWAY: 05/19/92
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

ERIIS ID	FACILITY	ADDRESS	COUNTY
06005026943	SAN ANTONIO PUMPING STATION	5555 CALAVERAS RD SUNOL, CA 94586	ALAMEDA

CASE NO.	REPORT DATE	CASE TYPE	SUBSTANCE	ABATEMENT METHOD	STATUS
2013	01/31/92	WELL AFFECTED	GASOLINE	EXCAVATE AND DISPOSE	POLLUTION CHARACTERIZATION

CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
LEAK BEING CONFIRMED:
POLLUTION CHARACTERIZATION: 03/12/92
POST REMEDIAL ACTION MONITORING:
PRELIMINARY SITE ASSESSMENT UNDERWAY:
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

ERIIS ID	FACILITY	ADDRESS	COUNTY
06005026999	SANTA CLARA SAND AND GRAVEL	6527 CALAVERAS RD SUNOL, CA 94586	ALAMEDA

CASE NO.	REPORT DATE	CASE TYPE	SUBSTANCE	ABATEMENT METHOD	STATUS
NOT REPORTED	01/19/89	SOIL ONLY	WASTE OIL	NO ACTION TAKEN	LEAK BEING CONFIRMED

CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
LEAK BEING CONFIRMED:
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
PRELIMINARY SITE ASSESSMENT UNDERWAY:
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA LEAKING UNDERGROUND STORAGE TANKS
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ERIIS ID	FACILITY	ADDRESS	COUNTY
06005027127	SF WATER DEPT/PUBLIC WORKS	8653 CALAVERAS RD SUNOL, CA 94586	ALAMEDA

CASE NO.: NOT REPORTED
REPORT DATE: 10/20/88
CASE TYPE: SOIL ONLY
CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
SUBSTANCE: MISCELLANEOUS MOTOR VEHICLE FUELS
LEAK BEING CONFIRMED:
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
ABATEMENT METHOD: NO ACTION TAKEN
STATUS: LEAK BEING CONFIRMED
PRELIMINARY SITE ASSESSMENT UNDERWAY:
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

ERIIS ID	FACILITY	ADDRESS	COUNTY
06005027564	SUNOL COMMUNICATION CENTER	3700 PALOMARES RD SUNOL, CA 94586	ALAMEDA

CASE NO.: NOT REPORTED
REPORT DATE: 07/05/90
CASE TYPE: SOIL ONLY
CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
SUBSTANCE: DIESEL
LEAK BEING CONFIRMED:
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
ABATEMENT METHOD: NO ACTION TAKEN
STATUS: LEAK BEING CONFIRMED
PRELIMINARY SITE ASSESSMENT UNDERWAY:
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

ERIS ENVIRONMENTAL DATA REPORT
CALIFORNIA SOLID WASTE INFORMATION SYSTEM
SWF - UNPLOTTABLE SITES

ERIIS Report #73266A

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ERIIS ID SWIS ID	FACILITY	OWNER	CLASSIFICATION CATEGORY	REGULATORY STATUS OPERATIONAL STATUS
06042001176 01-CR-0001	ALL CITIES NORTH OF WEST END WINTON AVE. HAYWARD, CA ALAMEDA COUNTY	CITY OF HAWARD/KOFY 3700 ENTERPRISE AVE. HAYWARD, CA PHONE: 5012935395	 ACTIVITY: SOLID WASTE DISPOSAL SITE	TO BE TO BE
06042000454 01-AA-0006	DAVIS STREET SANITARY LANDFILL FOOT OF DAVIS STREET SAN LEANDRO, CA ALAMEDA COUNTY	EAST BAY REGIONAL PARK DISTRICT MR MIKE ANDERSON 11500 SKYLINE BLVD. OAKLAND, CA 94619 PHONE: 4155319300	DISPOSAL FACILITY/DS/SWF DISPOSAL ACTIVITY: SOLID WASTE LANDFILL	PERMITTED CLOSED

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA UNDERGROUND STORAGE TANKS
RST - UNPLOTTABLE SITES

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Mar 12, 1996

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010004293	ARRIBA VISTA RANCH	FARM	5810 MISSION RD SUNOL, CA 94586 COUNTY: ALAMEDA	(415) 862-2529

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	1000 G	REGULAR UNLEADED	ACTIVE	SINGLE WALL	BARE STEEL
1	1000 G	NOT REPORTED	ACTIVE	SINGLE WALL	BARE STEEL

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010041620	PACIFIC NURSERIES OF CALIF., I	NOT SUPPLIED	8255 NILES CANYON SUNOL, CA 94586 COUNTY: ALAMEDA	(415) 862-2411

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
THREE-(3)	1000 G	NOT REPORTED	INACTIVE	UNKNOWN	UNKNOWN
THREE-(3)	1000 G	NOT REPORTED	INACTIVE	UNKNOWN	UNKNOWN

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010046481	RMC LONESTAR PLANT #120	OTHER TYPE TANK	CALAVERAS SUNOL, CA 94586 COUNTY: ALAMEDA	(510) 862-2201

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
UGT-1	4000 G	REGULAR UNLEADED	ACTIVE	SINGLE WALL	BARE STEEL

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010047226	ROSALYN C HAYS	NOT SUPPLIED	6501 CALAVERAS SUNOL, CA 94586 COUNTY: ALAMEDA	(415) 862-2370

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	300 G	NOT REPORTED	ACTIVE	UNKNOWN	UNKNOWN

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010048500	SAN FRANCISCO WATER DEPT. PROP	FARM	8299 NILES CANYON SUNOL, CA 94586 COUNTY: ALAMEDA	(415) 656-0640

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	350 G	NOT REPORTED	ACTIVE	UNKNOWN	BARE STEEL
2	250 G	NOT REPORTED	ACTIVE	UNKNOWN	BARE STEEL

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010053406	SUNOL JUNCTION	TELECOMMUNICATIONS	3700 POLOMARES SUNOL, CA 94586 COUNTY: ALAMEDA	FRED BLAS ( ) -

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
811	2000 G	NOT REPORTED	ACTIVE	SINGLE WALL	FIBERGLASS

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010053407	SUNOL PLANT	SAND & GRAVEL	8653 CALAVERAS SUNOL, CA 94586 COUNTY: ALAMEDA	DICK HUMPHRIES (415) 862-2201

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
2	500 G	OIL	ACTIVE	SINGLE WALL	BARE STEEL
1	4000 G	NOT REPORTED	ACTIVE	SINGLE WALL	BARE STEEL

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA UNDERGROUND STORAGE TANKS
RST - UNPLOTTABLE SITES

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Mar 12, 1996

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010053408	SUNOL PUMP STATION	NOT SUPPLIED	505 PALOMA SUNOL, CA 94586 COUNTY: ALAMEDA	(415) 697-4424

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
17-E	500 G	OIL	ACTIVE	SINGLE WALL	BARE STEEL
12	500 G	OIL	ACTIVE	SINGLE WALL	BARE STEEL
17E	10000 G	NOT REPORTED	ACTIVE	SINGLE WALL	BARE STEEL

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010053409	SUNOL REGIONAL WILDERNESS	MAINTENANCE YARD	E END OF GEARY SUNOL, CA 94586 COUNTY: ALAMEDA	PAUL FERREIRA (415) 862-2244

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
18	1000 G	REGULAR UNLEADED	ACTIVE	UNKNOWN	UNKNOWN
17	0 G	NOT REPORTED	ACTIVE	UNKNOWN	UNKNOWN

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010053410	SUNOL SERVICE	GARAGE (AUTO REPAIR	11727 MAIN SUNOL, CA 94586 COUNTY: ALAMEDA	STEPHEN CAROTHERS (415) 862-2353

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	1000 G	REGULAR UNLEADED	INACTIVE	UNKNOWN	BARE STEEL
3	550 G	NOT REPORTED	INACTIVE	UNKNOWN	UNKNOWN
2	1000 G	NOT REPORTED	INACTIVE	UNKNOWN	BARE STEEL
4	250 G	UNKNOWN	INACTIVE	UNKNOWN	UNKNOWN

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010056767	TYLER RANCH	CATTLE RANCH	12371 FOOTHILL SUNOL, CA 94586 COUNTY: ALAMEDA	RUSSELL ANDERSEN (916) 449-4305

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	0 G	NOT REPORTED	ACTIVE	UNKNOWN	UNKNOWN

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010053405	SUNOL CHEVRON SERVICE	OTHER TYPE TANK	3004 ANDRADE RD SUNOL, CA 94586-9453 COUNTY: ALAMEDA	MURRAY KELSOE (510) 862-2288

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	15000 G	NOT REPORTED	ACTIVE	SINGLE WALL	FIBERGLASS
3	15000 G	NOT REPORTED	ACTIVE	SINGLE WALL	FIBERGLASS
3	15000 G	REGULAR UNLEADED	ACTIVE	SINGLE WALL	FIBERGLASS
4	15000 G	REGULAR UNLEADED	ACTIVE	SINGLE WALL	FIBERGLASS
5	15000 G	REGULAR UNLEADED	ACTIVE	SINGLE WALL	FIBERGLASS
6	15000 G	NOT REPORTED	ACTIVE	SINGLE WALL	FIBERGLASS

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE
06010036790	MISSION VALLEY ROCK CO.	CONSTRUCTION/BUILD	7999 ATHENOUR WAY SUNOL, CA 94586-9454 COUNTY: ALAMEDA	ROBERT SAIA (510) 862-2257

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
G1	2000 G	REGULAR UNLEADED	ACTIVE	SINGLE WALL	BARE STEEL
D2	10000 G	NOT REPORTED	ACTIVE	SINGLE WALL	BARE STEEL
D3	10000 G	NOT REPORTED	ACTIVE	SINGLE WALL	BARE STEEL
D4	10000 G	NOT REPORTED	ACTIVE	SINGLE WALL	BARE STEEL

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA UNDERGROUND STORAGE TANKS
RST - UNPLOTTABLE SITES

ERIIS Report #73266A

Mar 12, 1996

ERIIS ID	FACILITY	BUSINESS DESCRIPTION	ADDRESS	MANAGER TELEPHONE

OWNER TANK ID	CAPACITY	SUBSTANCE	STATUS	TANK DESCRIPTION	TANK MATERIAL
1	10000 G	PETROLEUM	ACTIVE	UNKNOWN	BARE STEEL
2	250 G	PETROLEUM	ACTIVE	UNKNOWN	BARE STEEL
3	10000 G	NOT REPORTED	ACTIVE	UNKNOWN	BARE STEEL

ENVIRONMENTAL RISK INFORMATION & IMAGING SERVICES
AERIAL PHOTOGRAPH SEARCH REPORT

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ERIIS Report #73286A

Mar 12, 1996

VENDOR NAME	STREET	STATE	ZIP	PHONE
AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE	AERAIL PHOTOGRAPHY FIELD OFFICE P O BOX 30010	UT	84130-0010	(801) 975-3503

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1950 AUG 13	VERTICAL CARTO (IMPLIES STEREO)	BUT	20000	8.25in OR 210mm	B&W	0%	100%	06
1959 MAY 15	VERTICAL CARTO (IMPLIES STEREO)	BUT	20000	8.25in OR 210mm	B&W	0%	100%	06

VENDOR NAME	STREET	STATE	ZIP	PHONE
NATIONAL OCEAN SERVICE NOAA/COAST AND GEODETIC SURVEY SUPPORT	OAA/COAST AND GEODETIC SURVEY S	MD	20910-3282	(301) 713-2692

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1983 APR 06	VERTICAL CARTO (IMPLIES STEREO)	83 ZC	30000	6.00in OR 152mm	COLOR	0%	50%	57-A4-5550-5564
1983 APR 06	VERTICAL CARTO (IMPLIES STEREO)	83 ZC	40000	6.00in OR 152mm	COLOR	0%	60%	57-A4-5437-5456
1951 OCT 26	VERTICAL CARTO (IMPLIES STEREO)	51O-1	24000	6.00in OR 152mm	B&W	0%	20%	57-A 7547-7549
1956 AUG 08	VERTICAL CARTO (IMPLIES STEREO)	56W-2	30000	6.00in OR 152mm	B&W	0%	40%	57-A 2509-2512
1956 AUG 08	VERTICAL CARTO (IMPLIES STEREO)	56W-3	30000	6.00in OR 152mm	B&W	0%	20%	57-A 2513-2514
1959 JAN 10	VERTICAL CARTO (IMPLIES STEREO)	59S-1	20000	6.00in OR 152mm	B&W	0%	20%	57-A2 7389-7393
1959 JAN 10	VERTICAL CARTO (IMPLIES STEREO)	59S-2	20000	6.00in OR 152mm	B&W	0%	40%	57-A2 7394-7408
1959 OCT 01	VERTICAL CARTO (IMPLIES STEREO)	59S-1	20000	6.00in OR 152mm	B&W	0%	20%	57-A2 7482-7488
1960 APR 09	VERTICAL CARTO (IMPLIES STEREO)	60S-3	36000	6.00in OR 152mm	B&W	0%	50%	57-A2 2288-2294
1960 JUN 12	VERTICAL CARTO (IMPLIES STEREO)	60S	36000	6.00in OR 152mm	B&W	0%	30%	57-A2 6080-6082
1961 OCT 07	VERTICAL CARTO (IMPLIES STEREO)	61W	36000	6.00in OR 152mm	B&W	0%	60%	57-A3 1406-1428
1961 OCT 07	VERTICAL CARTO (IMPLIES STEREO)	61W-1	36000	6.00in OR 152mm	B&W	0%	30%	57-A3 1360-1381
1963 JUN 21	VERTICAL CARTO (IMPLIES STEREO)	61W-2	36000	6.00in OR 152mm	B&W	0%	60%	57-A3 1383-1398
1963 JUN 21	VERTICAL CARTO (IMPLIES STEREO)	63M-1	36000	3.46in OR 88mm	B&W	0%	60%	57-A3 2501-2504
1963 SEP 01	VERTICAL CARTO (IMPLIES STEREO)	63M-2	36000	3.46in OR 88mm	B&W	0%	30%	57-A3 2505-2511
1964 SEP 11	VERTICAL CARTO (IMPLIES STEREO)	63W-4	20000	6.00in OR 152mm	COLOR	0%	40%	57-A 9459-9466
1964 SEP 11	VERTICAL CARTO (IMPLIES STEREO)	64K-2	40000	6.00in OR 152mm	B&W	0%	70%	57-A4 2118-2125
1964 SEP 11	VERTICAL CARTO (IMPLIES STEREO)	64M-1	60000	3.46in OR 88mm	B&W	0%	90%	57-A3 4247-4245
1964 SEP 12	VERTICAL CARTO (IMPLIES STEREO)	64M-2	60000	3.46in OR 88mm	B&W	0%	80%	57-A3 4236-4240
1964 SEP 12	VERTICAL CARTO (IMPLIES STEREO)	64S-4	20000	6.00in OR 152mm	COLOR	0%	20%	57-A 8535-8536
1966 JUL 31	VERTICAL CARTO (IMPLIES STEREO)	64S-5	20000	6.00in OR 152mm	COLOR	0%	40%	57-A 8537-8544
1966 JUL 31	VERTICAL CARTO (IMPLIES STEREO)	66S	24000	6.00in OR 152mm	B&W	0%	20%	57-A5 3763-3774
1966 JUL 31	VERTICAL CARTO (IMPLIES STEREO)	66S-1	24000	6.00in OR 152mm	B&W	0%	60%	57-A5 3733-3744
1966 JUL 31	VERTICAL CARTO (IMPLIES STEREO)	66S-1	30000	6.00in OR 152mm	B&W	0%	20%	57-A5 3787-3803
1966 JUL 31	VERTICAL CARTO (IMPLIES STEREO)	66S-2	30000	6.00in OR 152mm	B&W	0%	20%	57-A5 3776-3784
1966 JUL 31	VERTICAL CARTO (IMPLIES STEREO)	66S-2	30000	6.00in OR 152mm	B&W	0%	30%	57-A5 3804-3808
1969 JUN 24	VERTICAL CARTO (IMPLIES STEREO)	66S-3	30000	6.00in OR 152mm	B&W	0%	30%	57-A5 3785-3789
1969 JUN 24	VERTICAL CARTO (IMPLIES STEREO)	69L-10	30000	6.00in OR 152mm	B&W	0%	30%	57-A-6 0598-0600
1969 JUN 24	VERTICAL CARTO (IMPLIES STEREO)	69L-4	30000	6.00in OR 152mm	B&W	0%	30%	57-A-2 0575-0578
1969 JUN 24	VERTICAL CARTO (IMPLIES STEREO)	69L-5	30000	6.00in OR 152mm	B&W	0%	50%	57-A-2 0579-0583
1969 OCT 12	VERTICAL CARTO (IMPLIES STEREO)	69L-9	30000	6.00in OR 152mm	B&W	0%	30%	57-A-2 0586-0597
1972 MAR 28	VERTICAL CARTO (IMPLIES STEREO)	69E-2	20000	6.00in OR 152mm	COLOR	0%	20%	57-A3 2757-2765
1973 MAY 12	VERTICAL CARTO (IMPLIES STEREO)	72L	30000	6.00in OR 152mm	B&W	0%	50%	57-A-6 3368-3380
1973 MAY 12	VERTICAL CARTO (IMPLIES STEREO)	73L-1	36000	6.00in OR 152mm	B&W	0%	20%	57-A6 5448-5453
1973 MAY 12	VERTICAL CARTO (IMPLIES STEREO)	73L-2	36000	6.00in OR 152mm	B&W	0%	50%	57-A6 5454-5455
1973 MAY 12	VERTICAL CARTO (IMPLIES STEREO)	73L-3	36000	6.00in OR 152mm	B&W	0%	50%	57-A6 5456-5459
1973 MAY 12	VERTICAL CARTO (IMPLIES STEREO)	73L-8	36000	6.00in OR 152mm	B&W	0%	40%	57-A6 5479-5483
1973 MAY 17	VERTICAL CARTO (IMPLIES STEREO)	73L-9	36000	6.00in OR 152mm	B&W	0%	30%	57-A6 5484-5488
1976 JUN 28	VERTICAL CARTO (IMPLIES STEREO)	73L-3	40000	6.00in OR 152mm	COLOR	0%	60%	57-A3 5674-5680
		76B	30000	6.00in OR 152mm	B&W	0%	30%	57-A7 7031-7040

ENVIRONMENTAL RISK INFORMATION & IMAGING SERVICES
AERIAL PHOTOGRAPH SEARCH REPORT

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AIC at 1-800-945-9509.

ERIIS Report #73266A

VENDOR NAME | STREET | STATE | ZIP | PHONE

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1976 JUN 28	VERTICAL CARTO (IMPLIES STEREO)	76B-2	30000	6.00in OR 152mm	B&W	0%	50%	57A-07 7037-7040
1977 MAR 04	VERTICAL CARTO (IMPLIES STEREO)	77B-1	30000	6.00in OR 152mm	B&W	0%	40%	57-A11 2538-2551
1977 MAR 04	VERTICAL CARTO (IMPLIES STEREO)	77B-1	30000	6.00in OR 152mm	B&W	0%	50%	57A-11 2538-2551
1977 MAR 04	VERTICAL CARTO (IMPLIES STEREO)	77B-1	50000	6.00in OR 152mm	B&W	0%	60%	57A-12 2645-2652
1977 MAR 04	VERTICAL CARTO (IMPLIES STEREO)	77B-1	50000	6.00in OR 152mm	B&W	0%	70%	57-A12 2645-2652
1977 MAR 04	VERTICAL CARTO (IMPLIES STEREO)	77B-2	30000	6.00in OR 152mm	B&W	0%	20%	57-A11 2553-2563
1977 MAR 04	VERTICAL CARTO (IMPLIES STEREO)	77B-2	30000	6.00in OR 152mm	B&W	0%	20%	57A-11 2553-2557
1977 MAR 04	VERTICAL CARTO (IMPLIES STEREO)	77B-2	50000	6.00in OR 152mm	B&W	0%	50%	57A-12 2653-2661
1977 MAR 04	VERTICAL CARTO (IMPLIES STEREO)	77B-2	50000	6.00in OR 152mm	B&W	0%	60%	57-A12 2653-2661
1977 MAR 04	VERTICAL CARTO (IMPLIES STEREO)	77B-2	50000	6.00in OR 152mm	B&W	0%	70%	57-A12 2597-2604
1977 MAR 04	VERTICAL CARTO (IMPLIES STEREO)	77B-3	50000	6.00in OR 152mm	B&W	0%	20%	57-A12 2606-2614
1977 MAR 04	VERTICAL CARTO (IMPLIES STEREO)	77B-3	50000	6.00in OR 152mm	B&W	0%	70%	57A-12 2601-2604
1977 MAR 04	VERTICAL CARTO (IMPLIES STEREO)	77B-4	50000	6.00in OR 152mm	B&W	0%	20%	57A-12 2606-2614
1977 MAR 05	VERTICAL CARTO (IMPLIES STEREO)	77B-10	30000	6.00in OR 152mm	B&W IR	0%	50%	57A-09 2834-2840
1977 MAR 05	VERTICAL CARTO (IMPLIES STEREO)	77B-2	40000	6.00in OR 152mm	B&W IR	0%	20%	57A-09 2866-2871
1977 MAR 05	VERTICAL CARTO (IMPLIES STEREO)	77B-2	40000	6.00in OR 152mm	COLOR	0%	20%	57-A9 2866-2875
1977 MAR 05	VERTICAL CARTO (IMPLIES STEREO)	77B-3	40000	6.00in OR 152mm	B&W IR	0%	60%	57A-09 2909-2925
1977 MAR 05	VERTICAL CARTO (IMPLIES STEREO)	77B-4	30000	6.00in OR 152mm	COLOR	0%	30%	57-A9 2815-2817
1977 MAR 05	VERTICAL CARTO (IMPLIES STEREO)	77B-4	40000	6.00in OR 152mm	B&W	0%	50%	57-A9 2909-2924
1977 MAR 05	VERTICAL CARTO (IMPLIES STEREO)	77B-6	30000	6.00in OR 152mm	B&W IR	0%	30%	57A-09 2815-2817
1977 MAR 05	VERTICAL CARTO (IMPLIES STEREO)	77B-7	30000	6.00in OR 152mm	COLOR	0%	40%	57-A9 2827-2840
1977 MAR 10	VERTICAL CARTO (IMPLIES STEREO)	77B-3	30000	6.00in OR 152mm	COLOR	0%	30%	57-A8 3082-3086
1977 MAR 10	VERTICAL CARTO (IMPLIES STEREO)	77B-4	30000	6.00in OR 152mm	B&W IR	0%	40%	57A-08 3082-3086
1977 MAR 10	VERTICAL CARTO (IMPLIES STEREO)	77B-5	30000	6.00in OR 152mm	COLOR	0%	50%	57-A8 3095-3107
1977 MAR 10	VERTICAL CARTO (IMPLIES STEREO)	77B-7	30000	6.00in OR 152mm	B&W IR	0%	50%	57A-08 3100-3107
1977 MAR 11	VERTICAL CARTO (IMPLIES STEREO)	77B-2	30000	6.00in OR 152mm	B&W IR	0%	50%	57A-08 3253-3260
1977 MAR 11	VERTICAL CARTO (IMPLIES STEREO)	77B-2	30000	6.00in OR 152mm	COLOR	0%	40%	57-A8 3253-3260
1977 MAR 18	VERTICAL CARTO (IMPLIES STEREO)	77B-1	30000	6.00in OR 152mm	B&W IR	0%	40%	57A-09 3424-3428
1977 MAR 18	VERTICAL CARTO (IMPLIES STEREO)	77B-1	30000	6.00in OR 152mm	B&W	0%	30%	57-A11 3690-3703
1977 MAR 18	VERTICAL CARTO (IMPLIES STEREO)	77B-1	30000	6.00in OR 152mm	B&W	0%	30%	57A-11 3690-3703
1977 MAR 18	VERTICAL CARTO (IMPLIES STEREO)	77B-1	30000	6.00in OR 152mm	B&W	0%	40%	57-A9 3424-3430
1977 MAR 18	VERTICAL CARTO (IMPLIES STEREO)	77B-2	30000	6.00in OR 152mm	B&W	0%	50%	57A-11 3705-3722
1977 MAR 18	VERTICAL CARTO (IMPLIES STEREO)	77B-2	30000	6.00in OR 152mm	B&W	0%	70%	57-A11 3705-3722
1977 MAR 18	VERTICAL CARTO (IMPLIES STEREO)	77B-4	30000	6.00in OR 152mm	B&W	0%	50%	57-A11 3500-3507
1977 MAR 18	VERTICAL CARTO (IMPLIES STEREO)	77B-4	30000	6.00in OR 152mm	B&W	0%	50%	57A-11 3500-3507
1977 MAR 18	VERTICAL CARTO (IMPLIES STEREO)	77B-5	30000	6.00in OR 152mm	B&W	0%	20%	57-A11 3508-3514
1977 MAR 18	VERTICAL CARTO (IMPLIES STEREO)	77B-5	30000	6.00in OR 152mm	B&W	0%	20%	57A-11 3508-3515
1977 MAR 29	VERTICAL CARTO (IMPLIES STEREO)	77B-2	40000	6.00in OR 152mm	COLOR	0%	70%	57-A8 3911-3923
1977 MAR 29	VERTICAL CARTO (IMPLIES STEREO)	77B-3	40000	6.00in OR 152mm	B&W IR	0%	70%	57A-08 3911-3923
1977 JUL 12	VERTICAL CARTO (IMPLIES STEREO)	77B-1	36000	6.00in OR 152mm	B&W	0%	30%	57-A11 6487-6495
1977 JUL 12	VERTICAL CARTO (IMPLIES STEREO)	77B-1	36000	6.00in OR 152mm	B&W	0%	30%	57A-11 6487-6495
1977 JUL 12	VERTICAL CARTO (IMPLIES STEREO)	77B-2	36000	6.00in OR 152mm	B&W	0%	30%	57-A11 6474-6477
1977 JUL 12	VERTICAL CARTO (IMPLIES STEREO)	77B-2	36000	6.00in OR 152mm	B&W	0%	60%	57-A11 6497-6506
1977 JUL 12	VERTICAL CARTO (IMPLIES STEREO)	77B-2	36000	6.00in OR 152mm	B&W	0%	60%	57A-11 6475-6480
1977 JUL 12	VERTICAL CARTO (IMPLIES STEREO)	77B-2	36000	6.00in OR 152mm	B&W	0%	60%	57A-11 6497-6506
1977 JUL 12	VERTICAL CARTO (IMPLIES STEREO)	77B-3	36000	6.00in OR 152mm	B&W	0%	30%	57-A11 6478-6481
1981 MAY 02	VERTICAL CARTO (IMPLIES STEREO)	81EP-2	15000	6.00in OR 152mm	B&W	0%	20%	57-A 1398-1408
1981 MAY 03	VERTICAL CARTO (IMPLIES STEREO)	81EP-1	40000	6.00in OR 152mm	B&W	0%	80%	57-A 1551-1559
1981 MAY 03	VERTICAL CARTO (IMPLIES STEREO)	81EP-4	40000	6.00in OR 152mm	B&W	0%	70%	57-A 1524-1538

ENVIRONMENTAL RISK INFORMATION & IMAGING SERVICES
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ERIIS Report #73266A

VENDOR NAME	STREET	STATE	ZIP	PHONE
U S AIR FORCE DEPT OF THE AIR FORCE EDC				(800) USA-MAPS

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1960 APR 10	VERTICAL CARTO (IMPLIES STEREO)	59045	61600	UNKOWN	B&W	0%	100%	1 0950249
1968 JUL 11	VERTICAL RECONNAISSANCE	0027V	148285	1.97in OR 50mm	B&W	10%	100%	2 0010086
1968 JUL 11	VERTICAL RECONNAISSANCE	0027V	148386	1.97in OR 50mm	B&W	0%	50%	2 0010025
1968 JUL 11	VERTICAL RECONNAISSANCE	0027V	148404	1.97in OR 50mm	B&W	20%	100%	2 0010088
1968 JUL 11	VERTICAL RECONNAISSANCE	0027V	148880	1.97in OR 50mm	B&W	0%	20%	2 0010021

U S ARMY CORPS OF ENGINEERS, SAN FRANCISCO SURVEY BRANCH	211 MAIN ST	CA	94105	(414) 974-0421

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1977 JAN	VERTICAL CARTO (IMPLIES STEREO)	SF BAY	24000	6.00in OR 152mm	B&W	0%	100%	SAN LEANDRO
1977 JUN 21	VERTICAL CARTO (IMPLIES STEREO)	SF BAY	24000	6.00in OR 152mm	B&W	0%	100%	SAN LEANDRO
1978 APR 03	VERTICAL CARTO (IMPLIES STEREO)	SF BAY	24000	6.00in OR 152mm	B&W	0%	100%	SAN LEANDRO
1979 APR	VERTICAL CARTO (IMPLIES STEREO)	SFB	24000	6.00in OR 152mm	B&W	0%	70%	SFO BAY AREA
1980 MAY	VERTICAL CARTO (IMPLIES STEREO)	SF BAY	24000	6.00in OR 152mm	B&W	0%	100%	SAN LEANDRO
1980 SEP	VERTICAL CARTO (IMPLIES STEREO)	SF BAY	12000	6.00in OR 152mm	COLOR	0%	100%	SAN LEANDRO
1981 SEP	VERTICAL CARTO (IMPLIES STEREO)	SFB	24000	6.00in OR 152mm	B&W	0%	70%	SFO BAY AREA
1982 JUL	VERTICAL CARTO (IMPLIES STEREO)	SFB	24000	6.00in OR 152mm	B&W	0%	70%	SFO BAY AREA
1983 SEP	VERTICAL CARTO (IMPLIES STEREO)	SFB	12000	6.00in OR 152mm	COLOR	0%	70%	SFO BAY AREA
1983 SEP	VERTICAL CARTO (IMPLIES STEREO)	SFB	12000	6.00in OR 152mm	B&W	0%	70%	SFO BAY AREA

U S GEOLOGICAL SURVEY RESTON ESIC	507 NATIONAL CENTER	VA	22092	(703) 648-5920

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1974 OCT 14	VERTICAL CARTO (IMPLIES STEREO)	SFB	28682	6.00in OR 152mm	COLOR	0%	100%	
1981 APR 30	VERTICAL CARTO (IMPLIES STEREO)	VEZR	24000	OTHER	B&W	0%	100%	
1991 AUG 16	VERTICAL CARTO (IMPLIES STEREO)	VFNZC	24000	OTHER	COLOR	0%	100%	
1946 OCT 28	VERTICAL CARTO (IMPLIES STEREO)	CP	23600	OTHER	B&W	0%	100%	
1958 JUL 25	VERTICAL CARTO (IMPLIES STEREO)	VUO	29990	OTHER	B&W	0%	100%	
1968 MAY 29	VERTICAL CARTO (IMPLIES STEREO)	VBZJ	30000	OTHER	B&W	0%	100%	
1970 MAY 14	VERTICAL CARTO (IMPLIES STEREO)	VCMI	80094	OTHER	B&W	0%	100%	
1982 AUG 01	VERTICAL CARTO (IMPLIES STEREO)	N3722	80000	OTHER	B&W	0%	100%	
1983 JUL 01	VERTICAL CARTO (IMPLIES STEREO)	N3722	58000	OTHER	COLOR	0%	100%	
1980 NOV 15	VERTICAL CARTO (IMPLIES STEREO)	VEZR-6	24000	6.00in OR 152mm	B&W	0%	100%	
1984 DEC	SLAR	RADSAN	0250000	OTHER	B&W	UNK	100%	SAN FRANCISCO E
1987	VERTICAL CARTO (IMPLIES STEREO)	NP8721	0040000	6.00in OR 152mm	COLOR	0%	100%	NAPP-LEAF ON

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION, AMES RESEARCH CNTR	CONTACT U S GEOLOGICAL SURVEY ESIC OFFICES			(800) USA-MAPS

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1972 APR 07	VERTICAL RECONNAISSANCE	00272	127000	6.00in OR 152mm	COLOR	20%	20%	572000272 0079 0
1972 APR 07	VERTICAL RECONNAISSANCE	00272	128000	6.00in OR 152mm	COLOR	40%	90%	572000272 0065 0
1972 APR 07	VERTICAL RECONNAISSANCE	00272	129000	6.00in OR 152mm	COLOR	10%	100%	572000272 0060 0
1972 APR 07	VERTICAL RECONNAISSANCE	00272	130000	6.00in OR 152mm	COLOR	10%	30%	572000272 0008 0
1972 APR 07	VERTICAL RECONNAISSANCE	00275	33000	1.97in OR 50mm	COLOR	0%	20%	572000275 0053 0

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VENDOR NAME	STREET	STATE	ZIP	PHONE

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1972 APR 07	VERTICAL RECONNAISSANCE	00275	33000	1.97in OR 50mm	COLOR	10%	80%	572000275 0056 0
1972 MAY 10	VERTICAL RECONNAISSANCE	00336	90000	6.00in OR 152mm	B&W	0%	80%	572000336 0102 0
1972 MAY 12	VERTICAL RECONNAISSANCE	00346	101000	6.00in OR 152mm	B&W	0%	50%	572000346 0002 0
1972 JUN 26	VERTICAL RECONNAISSANCE	00482	127000	6.00in OR 152mm	COLOR	0%	100%	572000482 1770 1
1972 JUN 26	VERTICAL RECONNAISSANCE	00482	132000	6.00in OR 152mm	COLOR	0%	50%	572000482 1785 1
1972 JUL 05	VERTICAL RECONNAISSANCE	00492	131000	6.00in OR 152mm	COLOR	0%	40%	572000492 2504 2
1972 JUL 05	VERTICAL RECONNAISSANCE	00492	131000	6.00in OR 152mm	COLOR	10%	100%	572000492 2421 2
1972 JUL 05	VERTICAL RECONNAISSANCE	00492	132000	6.00in OR 152mm	COLOR	0%	40%	572000492 2501 2
1972 JUL 14	VERTICAL RECONNAISSANCE	00508	60000	6.00in OR 152mm	COLOR	0%	30%	572000508 3002 3
1972 JUL 14	VERTICAL RECONNAISSANCE	00508	72000	6.00in OR 152mm	COLOR	0%	100%	572000508 3004 3
1972 JUL 14	VERTICAL RECONNAISSANCE	00508	92000	6.00in OR 152mm	COLOR	0%	20%	572000508 3006 3
1972 JUL 27	VERTICAL RECONNAISSANCE	00565	134000	6.00in OR 152mm	COLOR	0%	100%	572000565 1999 2
1972 JUL 27	VERTICAL RECONNAISSANCE	00565	137000	6.00in OR 152mm	COLOR	10%	40%	572000565 2009 2
1972 SEP 12	VERTICAL RECONNAISSANCE	00625	97000	UNKOWN	B&W	0%	30%	572000625 5665 5
1972 SEP 12	VERTICAL RECONNAISSANCE	00625	125000	UNKOWN	B&W	0%	80%	572000625 5644 5
1972 SEP 12	VERTICAL RECONNAISSANCE	00625	126000	UNKOWN	B&W	0%	100%	572000625 5632 5
1972 SEP 12	VERTICAL RECONNAISSANCE	00625	127000	UNKOWN	B&W	0%	50%	572000625 5651 5
1972 SEP 12	VERTICAL RECONNAISSANCE	00625	129000	UNKOWN	B&W	0%	100%	572000625 5631 5
1972 SEP 12	VERTICAL RECONNAISSANCE	00625	129000	UNKOWN	B&W	0%	100%	572000625 5646 5
1972 SEP 12	VERTICAL RECONNAISSANCE	00625	129000	UNKOWN	B&W	0%	100%	572000625 5647 5
1972 SEP 12	VERTICAL RECONNAISSANCE	00625	131000	UNKOWN	B&W	0%	100%	572000625 5645 5
1972 SEP 28	VERTICAL RECONNAISSANCE	00715	130000	6.00in OR 152mm	B&W	10%	30%	572000715 0006 0
1972 SEP 28	VERTICAL RECONNAISSANCE	00715	132000	6.00in OR 152mm	B&W	10%	20%	572000715 0005 0
1972 SEP 28	VERTICAL RECONNAISSANCE	00715	133000	6.00in OR 152mm	B&W	20%	30%	572000715 0004 0
1972 OCT 08	VERTICAL RECONNAISSANCE	00726	131000	6.00in OR 152mm	COLOR	0%	30%	572000726 6619 6
1972 OCT 08	VERTICAL RECONNAISSANCE	00726	131000	6.00in OR 152mm	COLOR	0%	60%	572000726 6623 6
1972 NOV 22	VERTICAL RECONNAISSANCE	00713	33000	1.97in OR 50mm	COLOR	0%	50%	572000713 0036 0
1972 DEC 13	VERTICAL RECONNAISSANCE	00854	32000	6.00in OR 152mm	B&W	0%	40%	572000854 0082 0
1972 DEC 13	VERTICAL RECONNAISSANCE	00854	32000	6.00in OR 152mm	B&W	0%	70%	572000854 0075 0
1972 DEC 13	VERTICAL RECONNAISSANCE	00855	32000	1.97in OR 50mm	COLOR	0%	40%	572000855 0082 0
1972 DEC 13	VERTICAL RECONNAISSANCE	00855	32000	1.97in OR 50mm	COLOR	0%	70%	572000855 0075 0
1973 JAN 04	VERTICAL RECONNAISSANCE	00882	121000	6.00in OR 152mm	COLOR	0%	40%	573000882 7383 7
1973 JAN 04	VERTICAL RECONNAISSANCE	00882	131000	6.00in OR 152mm	COLOR	0%	50%	573000882 7392 7
1973 MAR 28	VERTICAL RECONNAISSANCE	01044	131000	6.00in OR 152mm	B&W	10%	100%	573001044 8593 8
1973 APR 03	VERTICAL RECONNAISSANCE	01059	127000	6.00in OR 152mm	COLOR	0%	20%	573001059 0504 0
1973 APR 03	VERTICAL RECONNAISSANCE	01059	127000	6.00in OR 152mm	COLOR	0%	90%	573001059 0376 0
1973 APR 03	VERTICAL RECONNAISSANCE	01059	128000	6.00in OR 152mm	COLOR	0%	100%	573001059 0490 0
1973 APR 03	VERTICAL RECONNAISSANCE	01059	130000	6.00in OR 152mm	COLOR	0%	80%	573001059 0360 0
1973 APR 03	VERTICAL RECONNAISSANCE	01059	132000	6.00in OR 152mm	COLOR	0%	20%	573001059 0506 0
1973 APR 03	VERTICAL RECONNAISSANCE	01059	133000	6.00in OR 152mm	COLOR	0%	70%	573001059 0507 0
1973 APR 04	VERTICAL RECONNAISSANCE	00996	32000	1.97in OR 50mm	COLOR	0%	70%	573000996 0353 0
1973 APR 04	VERTICAL RECONNAISSANCE	00996	33000	1.97in OR 50mm	COLOR	0%	30%	573000996 0358 0
1974 JAN 24	VERTICAL RECONNAISSANCE	01593	128000	1.97in OR 50mm	COLOR	0%	100%	574001593 5669 5
1974 JAN 24	VERTICAL RECONNAISSANCE	01593	128000	1.97in OR 50mm	COLOR	0%	90%	574001593 5681 5
1974 FEB 05	VERTICAL RECONNAISSANCE	01138	61000	1.97in OR 50mm	COLOR	0%	20%	574001138 7251 7
1974 FEB 05	VERTICAL RECONNAISSANCE	01138	62000	1.97in OR 50mm	COLOR	0%	90%	574001138 7263 7
1974 FEB 22	VERTICAL RECONNAISSANCE	01622	132000	6.00in OR 152mm	COLOR	10%	50%	574001622 6238 6
1974 FEB 22	VERTICAL RECONNAISSANCE	01622	132000	6.00in OR 152mm	COLOR	30%	60%	574001622 6236 6
1974 FEB 22	VERTICAL RECONNAISSANCE	01622	132000	6.00in OR 152mm	COLOR	40%	40%	574001622 6240 6

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ERIIS Report #73266A

VENDOR NAME | STREET | STATE | ZIP | PHONE

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1974 MAR 04	VERTICAL RECONNAISSANCE	01615	24000	1.97in OR 50mm	B&W	0%	40%	574001615 0030 0
1974 MAR 04	VERTICAL RECONNAISSANCE	01615	25000	1.97in OR 50mm	B&W	0%	40%	574001615 0038 0
1974 MAR 04	VERTICAL RECONNAISSANCE	01616	24000	1.97in OR 50mm	COLOR	0%	40%	574001616 0030 0
1974 MAR 04	VERTICAL RECONNAISSANCE	01616	25000	1.97in OR 50mm	COLOR	0%	40%	574001616 0038 0
1974 JUL 25	VERTICAL RECONNAISSANCE	01888	22000	1.97in OR 50mm	COLOR	0%	20%	574001888 0103 0
1974 JUL 25	VERTICAL RECONNAISSANCE	01888	22000	1.97in OR 50mm	COLOR	10%	20%	574001888 0109 0
1974 JUL 25	VERTICAL RECONNAISSANCE	01888	23000	1.97in OR 50mm	COLOR	10%	20%	574001888 0106 0
1974 AUG 20	VERTICAL RECONNAISSANCE	01902	130000	6.00in OR 152mm	B&W IR	0%	90%	574001902 1432 1
1975 APR 29	VERTICAL RECONNAISSANCE	02068	129000	6.00in OR 152mm	COLOR	10%	60%	575002068 8139 8
1975 APR 29	VERTICAL RECONNAISSANCE	02068	130000	6.00in OR 152mm	COLOR	0%	100%	575002068 8131 8
1975 APR 29	VERTICAL RECONNAISSANCE	02069	129000	6.00in OR 152mm	COLOR	10%	60%	575002069 2410 2
1975 APR 29	VERTICAL RECONNAISSANCE	02069	130000	6.00in OR 152mm	COLOR	0%	100%	575002069 2402 2
1975 MAY 21	VERTICAL RECONNAISSANCE	02117	34000	1.97in OR 50mm	COLOR	0%	20%	575002117 0074 0
1975 MAY 21	VERTICAL RECONNAISSANCE	02117	34000	1.97in OR 50mm	COLOR	0%	80%	575002117 0068 0
1975 MAY 21	VERTICAL RECONNAISSANCE	02118	34000	1.97in OR 50mm	COLOR	0%	20%	575002118 0068 0
1975 MAY 21	VERTICAL RECONNAISSANCE	02118	34000	1.97in OR 50mm	COLOR	0%	80%	575002118 0062 0
1975 MAY 21	VERTICAL RECONNAISSANCE	02119	34000	1.97in OR 50mm	COLOR	0%	20%	575002119 0068 0
1975 MAY 28	VERTICAL RECONNAISSANCE	02119	34000	1.97in OR 50mm	COLOR	0%	80%	575002119 0062 0
1975 MAY 28	VERTICAL RECONNAISSANCE	02123	32000	1.97in OR 50mm	COLOR	0%	50%	575002123 0021 0
1975 MAY 28	VERTICAL RECONNAISSANCE	02123	32000	1.97in OR 50mm	COLOR	0%	80%	575002123 0133 0
1975 MAY 28	VERTICAL RECONNAISSANCE	02123	33000	1.97in OR 50mm	COLOR	0%	20%	575002123 0004 0
1975 MAY 28	VERTICAL RECONNAISSANCE	02123	33000	1.97in OR 50mm	COLOR	0%	50%	575002123 0128 0
1975 MAY 28	VERTICAL RECONNAISSANCE	02124	64000	12.00in OR	B&W IR	0%	60%	575002124 8187 8
1975 JUL 25	VERTICAL RECONNAISSANCE	02124	66000	12.00in OR	B&W IR	0%	100%	575002124 8257 8
1975 SEP 30	VERTICAL RECONNAISSANCE	02157	29000	1.97in OR 50mm	B&W	0%	40%	575002157 0026 0
1975 SEP 30	VERTICAL RECONNAISSANCE	02233	128000	1.97in OR 50mm	COLOR	0%	70%	575002233 2549 2
1975 SEP 30	VERTICAL RECONNAISSANCE	02233	129000	1.97in OR 50mm	COLOR	10%	100%	575002233 2547 2
1975 SEP 30	VERTICAL RECONNAISSANCE	02233	130000	1.97in OR 50mm	COLOR	10%	50%	575002233 2544 2
1975 SEP 30	VERTICAL RECONNAISSANCE	02233	131000	1.97in OR 50mm	COLOR	20%	50%	575002233 2563 2
1975 SEP 30	VERTICAL RECONNAISSANCE	02233	132000	1.97in OR 50mm	COLOR	10%	50%	575002233 2565 2
1975 SEP 30	VERTICAL RECONNAISSANCE	02234	128000	1.97in OR 50mm	COLOR	0%	70%	575002234 3390 3
1975 SEP 30	VERTICAL RECONNAISSANCE	02234	129000	1.97in OR 50mm	COLOR	10%	100%	575002234 3388 3
1975 SEP 30	VERTICAL RECONNAISSANCE	02234	130000	1.97in OR 50mm	COLOR	10%	50%	575002234 3385 3
1975 SEP 30	VERTICAL RECONNAISSANCE	02234	131000	1.97in OR 50mm	COLOR	20%	50%	575002234 3404 3
1976 JAN 21	VERTICAL RECONNAISSANCE	02234	132000	1.97in OR 50mm	COLOR	10%	50%	575002234 3406 3
1976 JAN 21	VERTICAL RECONNAISSANCE	02294	132000	1.97in OR 50mm	COLOR	0%	70%	576002294 4289 4
1976 JUN 17	VERTICAL RECONNAISSANCE	02294	132000	1.97in OR 50mm	COLOR	0%	90%	576002294 4284 4
1976 JUN 17	VERTICAL RECONNAISSANCE	02340	126000	1.97in OR 50mm	COLOR	0%	100%	576002340 4235 4
1976 JUL 02	VERTICAL RECONNAISSANCE	02341	126000	1.97in OR 50mm	COLOR	0%	100%	576002341 9812 9
1976 JUL 02	VERTICAL RECONNAISSANCE	02370	32000	1.97in OR 50mm	COLOR	0%	20%	576002370 0052 0
1976 JUL 02	VERTICAL RECONNAISSANCE	02371	32000	1.97in OR 50mm	COLOR	0%	20%	576002371 0052 0
1977 JAN 28	VERTICAL RECONNAISSANCE	02372	32000	1.97in OR 50mm	B&W IR	0%	20%	576002372 0052 0
1977 FEB 14	VERTICAL RECONNAISSANCE	02465	127000	1.97in OR 50mm	COLOR	10%	20%	577002465 0819 0
1977 JUL 07	VERTICAL RECONNAISSANCE	02466	128000	1.97in OR 50mm	COLOR	0%	60%	577002466 0933 0
1977 JUL 07	VERTICAL RECONNAISSANCE	02516	125000	1.97in OR 50mm	B&W	10%	70%	577002516 6244 6
1979 JAN 19	VERTICAL RECONNAISSANCE	02516	126000	1.97in OR 50mm	B&W	0%	100%	577002516 6242 6
1979 JUN 14	VERTICAL RECONNAISSANCE	02710	128666	1.97in OR 50mm	B&W	0%	30%	579002710 5873 5
1979 JUN 14	VERTICAL RECONNAISSANCE	02770	131400	1.97in OR 50mm	COLOR	0%	100%	579002770 6616 6
	VERTICAL RECONNAISSANCE	02771	131400	1.97in OR 50mm	B&W	0%	100%	579002771 1195 1

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DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1982 MAY 28	VERTICAL RECONNAISSANCE	03073	24583	1.97in OR 50mm	COLOR	10%	20%	582003073 0298 0
1982 MAY 28	VERTICAL RECONNAISSANCE	03073	24666	1.97in OR 50mm	COLOR	10%	40%	582003073 0295 0
1982 MAY 28	VERTICAL RECONNAISSANCE	03073	24833	1.97in OR 50mm	COLOR	10%	30%	582003073 0059 0
1982 MAY 28	VERTICAL RECONNAISSANCE	03073	25000	1.97in OR 50mm	COLOR	0%	40%	582003073 0056 0
1982 MAY 28	VERTICAL RECONNAISSANCE	03073	25428	1.97in OR 50mm	COLOR	0%	30%	582003073 0288 0
1982 OCT 13	VERTICAL RECONNAISSANCE	03138	41000	12.00in OR	COLOR	0%	20%	582003138 3071 3
1983 JUL 08	VERTICAL RECONNAISSANCE	03235	65000	12.00in OR	COLOR	0%	20%	583003235 5023 5
1983 JUL 08	VERTICAL RECONNAISSANCE	03235	65700	12.00in OR	COLOR	10%	90%	583003235 5175 5
1984 APR 12	VERTICAL RECONNAISSANCE	03332	65052	12.00in OR	COLOR	0%	30%	584003332 5853 5
1984 APR 12	VERTICAL RECONNAISSANCE	03333	129500	1.97in OR 50mm	COLOR	0%	90%	584003333 3604 3
1985 APR 24	VERTICAL RECONNAISSANCE	03440	58000	1.97in OR 50mm	COLOR	0%	90%	585003440 7609 7
1985 APR 24	VERTICAL RECONNAISSANCE	03440	59000	1.97in OR 50mm	COLOR	0%	60%	585003440 7611 7
1985 APR 30	VERTICAL RECONNAISSANCE	03441	65307	12.00in OR	COLOR	0%	50%	585003441 9698 9
1985 APR 30	VERTICAL RECONNAISSANCE	03441	66428	12.00in OR	COLOR	0%	60%	585003441 9843 9
1986 APR 22	VERTICAL RECONNAISSANCE	03564	128000	1.97in OR 50mm	COLOR	50%	70%	586003564 0298 0
1986 APR 22	VERTICAL RECONNAISSANCE	03564	129000	1.97in OR 50mm	COLOR	50%	90%	586003564 0300 0
1988 JUN 03	VERTICAL RECONNAISSANCE	03719	135000	1.97in OR 50mm	B&W	0%	100%	588003719 4101 4
1988 JUN 03	VERTICAL RECONNAISSANCE	03720	68000	12.00in OR	COLOR	0%	60%	588003720 2567 2
1988 AUG 17	VERTICAL RECONNAISSANCE	03797	65200	12.00in OR	COLOR	0%	70%	588003797 4267 4
1988 AUG 17	VERTICAL RECONNAISSANCE	03798	130000	1.97in OR 50mm	B&W	0%	100%	588003798 0445 0
1988 AUG 17	VERTICAL RECONNAISSANCE	03798	130000	1.97in OR 50mm	B&W	50%	100%	588003798 0451 0
1988 AUG 17	VERTICAL RECONNAISSANCE	03798	131500	1.97in OR 50mm	B&W	20%	20%	588003798 0447 0
1988 SEP 24	VERTICAL RECONNAISSANCE	03813	68000	12.00in OR	COLOR	0%	100%	588003813 8713 8
1988 SEP 24	VERTICAL RECONNAISSANCE	03813	68000	12.00in OR	COLOR	0%	80%	588003813 8715 8
1989 JUN 02	VERTICAL RECONNAISSANCE	03873	60000	12.00in OR	COLOR	0%	40%	589003873 1567 1
1989 OCT 06	VERTICAL RECONNAISSANCE	03957	67000	12.00in OR	COLOR	0%	100%	589003957 4719 4
1989 OCT 06	VERTICAL RECONNAISSANCE	03957	67000	12.00in OR	COLOR	0%	30%	589003957 4717 4
1989 OCT 06	VERTICAL RECONNAISSANCE	03957	67000	12.00in OR	COLOR	0%	60%	589003957 4721 4
1989 OCT 06	VERTICAL RECONNAISSANCE	03957	68000	12.00in OR	COLOR	0%	20%	589003957 4753 4
1989 OCT 06	VERTICAL RECONNAISSANCE	03957	68000	12.00in OR	COLOR	0%	30%	589003957 4755 4
1989 OCT 18	VERTICAL RECONNAISSANCE	03965	62230	12.00in OR	COLOR	0%	20%	589003965 5193 5
1989 OCT 18	VERTICAL RECONNAISSANCE	03965	63000	12.00in OR	COLOR	0%	20%	589003965 5143 5
1989 OCT 18	VERTICAL RECONNAISSANCE	03965	63000	12.00in OR	COLOR	0%	80%	589003965 5263 5
1989 NOV 27	VERTICAL RECONNAISSANCE	03974	65176	12.00in OR	B&W	0%	40%	589003974 3006 3
1989 NOV 27	VERTICAL RECONNAISSANCE	03974	65500	12.00in OR	B&W	0%	80%	589003974 3070 3
1990 JUL 23	VERTICAL RECONNAISSANCE	04074	116000	1.97in OR 50mm	COLOR	30%	70%	590004074 2768 2

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DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1969 JUL 17	VERTICAL RECONNAISSANCE	1000	67132	12.00in OR	COLOR	0%	80%	61000003C 0126 0
1969 JUL 17	VERTICAL RECONNAISSANCE	1000	119654	6.00in OR 152mm	COLOR	0%	100%	61000002A 3330 3
1969 JUL 17	VERTICAL RECONNAISSANCE	1000	119758	6.00in OR 152mm	COLOR	0%	40%	61000002A 3322 3
1969 JUL 17	VERTICAL RECONNAISSANCE	1000	122858	6.00in OR 152mm	COLOR	0%	40%	61000002A 3370 3
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	53095	12.00in OR	COLOR	10%	80%	612300030 0049 0
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	53204	12.00in OR	COLOR	0%	60%	612300030 0006 0
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	55046	12.00in OR	COLOR	10%	40%	612300030 0069 0
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	96144	6.00in OR 152mm	COLOR	10%	50%	612300010 2182 2

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1970 MAR 10	VERTICAL RECONNAISSANCE	1230	98601	6.00in OR 152mm	COLOR	30%	50%	612300020 1821 1
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	98703	6.00in OR 152mm	COLOR	10%	40%	612300010 2101 2
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	98781	6.00in OR 152mm	COLOR	20%	70%	612300020 1683 1
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	99200	6.00in OR 152mm	COLOR	20%	100%	612300010 2100 2
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	99229	6.00in OR 152mm	COLOR	10%	70%	612300010 2095 2
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	99639	6.00in OR 152mm	COLOR	10%	70%	612300020 1751 1
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	100108	6.00in OR 152mm	COLOR	20%	80%	612300020 1788 1
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	100110	6.00in OR 152mm	COLOR	30%	30%	612300010 2077 2
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	100321	6.00in OR 152mm	COLOR	10%	90%	612300010 2116 2
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	100363	6.00in OR 152mm	COLOR	10%	90%	612300020 1681 1
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	100386	6.00in OR 152mm	COLOR	10%	90%	612300010 2041 2
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	100449	6.00in OR 152mm	COLOR	20%	60%	612300010 2046 2
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	101073	6.00in OR 152mm	COLOR	10%	90%	612300020 1753 1
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	101104	6.00in OR 152mm	COLOR	20%	90%	612300010 2151 2
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	101267	6.00in OR 152mm	COLOR	10%	80%	612300020 1732 1
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	101270	6.00in OR 152mm	COLOR	10%	80%	612300010 2114 2
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	101353	6.00in OR 152mm	COLOR	30%	20%	612300020 1713 1
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	103055	6.00in OR 152mm	COLOR	10%	40%	612300020 1781 1
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	103158	6.00in OR 152mm	COLOR	20%	100%	612300020 1737 1
1970 MAR 10	VERTICAL RECONNAISSANCE	1230	103574	6.00in OR 152mm	COLOR	10%	40%	612300020 1738 1
1970 MAY 15	VERTICAL RECONNAISSANCE	128B	49138	12.00in OR	COLOR	0%	70%	6128B0210 0272 0
1970 MAY 15	VERTICAL RECONNAISSANCE	128B	49829	12.00in OR	COLOR	0%	20%	6128B0210 0242 0
1970 MAY 15	VERTICAL RECONNAISSANCE	128B	100147	6.00in OR 152mm	B&W	0%	100%	6128B0200 3255 3
1970 MAY 15	VERTICAL RECONNAISSANCE	128B	101018	6.00in OR 152mm	B&W	0%	80%	6128B0200 3240 3
1970 MAY 15	VERTICAL RECONNAISSANCE	128B	101093	6.00in OR 152mm	COLOR	0%	100%	6128B0190 3668 3
1970 MAY 15	VERTICAL RECONNAISSANCE	128B	102324	6.00in OR 152mm	COLOR	0%	80%	6128B0190 3657 3
1970 JUL 23	VERTICAL RECONNAISSANCE	1390	65366	12.00in OR	COLOR	0%	60%	613900030 0225 0
1970 JUL 23	VERTICAL RECONNAISSANCE	1390	124291	6.00in OR 152mm	COLOR	0%	20%	613900010 5406 5
1970 JUL 23	VERTICAL RECONNAISSANCE	1390	125618	6.00in OR 152mm	COLOR	0%	20%	613900110 5758 5
1970 JUL 23	VERTICAL RECONNAISSANCE	1390	125879	6.00in OR 152mm	COLOR	0%	40%	613900110 5781 5
1970 JUL 23	VERTICAL RECONNAISSANCE	1390	126551	6.00in OR 152mm	COLOR	0%	100%	613900010 5397 5
1970 JUL 23	VERTICAL RECONNAISSANCE	1390	127300	6.00in OR 152mm	COLOR	30%	30%	613900110 5777 5
1970 JUL 23	VERTICAL RECONNAISSANCE	1390	127674	6.00in OR 152mm	COLOR	0%	100%	613900110 5748 5
1970 JUL 23	VERTICAL RECONNAISSANCE	1390	129655	6.00in OR 152mm	COLOR	30%	30%	613900010 5425 5
1970 JUL 23	VERTICAL RECONNAISSANCE	1390	130671	6.00in OR 152mm	COLOR	10%	30%	613900010 5429 5
1971 MAR 31	VERTICAL RECONNAISSANCE	1640	59713	12.00in OR	COLOR	0%	90%	616400030 0259 0
1971 MAR 31	VERTICAL RECONNAISSANCE	1640	120426	6.00in OR 152mm	COLOR	0%	100%	616400120 3393 3
1971 MAR 31	VERTICAL RECONNAISSANCE	1640	120602	6.00in OR 152mm	COLOR	0%	100%	616400110 3151 3
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	45816	6.00in OR 152mm	COLOR	0%	30%	620200110 0138 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	46530	6.00in OR 152mm	COLOR	0%	30%	620200100 0169 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	46546	6.00in OR 152mm	COLOR	0%	40%	620200100 0092 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	46556	6.00in OR 152mm	COLOR	0%	20%	620200110 0192 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	46557	6.00in OR 152mm	COLOR	0%	30%	620200110 0096 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	46687	6.00in OR 152mm	COLOR	0%	30%	620200110 0114 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	47034	6.00in OR 152mm	COLOR	0%	30%	620200110 0168 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	47034	6.00in OR 152mm	COLOR	0%	40%	620200100 0075 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	47169	6.00in OR 152mm	COLOR	0%	50%	620200110 0072 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	47191	6.00in OR 152mm	COLOR	0%	40%	620200100 0139 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	47299	6.00in OR 152mm	COLOR	0%	20%	620200130 0001 0

ENVIRONMENTAL RISK INFORMATION & IMAGING SERVICES
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ERIIS Report #73266A

VENDOR NAME | STREET | STATE | ZIP | PHONE

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	47470	6.00in OR 152mm	COLOR	0%	40%	620200100 0121 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	47524	6.00in OR 152mm	COLOR	0%	20%	620200120 0001 0
1972 MAY 22	VERTICAL RECONNAISSANCE	2020	47536	6.00in OR 152mm	COLOR	0%	30%	620200100 0199 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	50988	6.00in OR 152mm	COLOR	0%	20%	621200130 0216 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	51496	6.00in OR 152mm	COLOR	0%	30%	621200130 0150 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	51636	6.00in OR 152mm	COLOR	0%	40%	621200120 0138 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	51682	6.00in OR 152mm	COLOR	0%	20%	621200120 0181 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	51750	6.00in OR 152mm	COLOR	0%	30%	621200120 0117 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	51777	6.00in OR 152mm	COLOR	0%	20%	621200140 0018 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	51830	6.00in OR 152mm	COLOR	0%	30%	621200130 0186 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	52015	6.00in OR 152mm	COLOR	0%	30%	621200120 0168 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	52249	6.00in OR 152mm	COLOR	0%	20%	621200150 0024 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	52312	6.00in OR 152mm	COLOR	0%	40%	621200130 0171 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	52348	6.00in OR 152mm	COLOR	0%	20%	621200120 0153 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	52363	6.00in OR 152mm	COLOR	0%	20%	621200120 0213 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	52381	6.00in OR 152mm	COLOR	0%	30%	621200130 0201 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	52495	6.00in OR 152mm	COLOR	0%	20%	621200140 0049 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	52734	6.00in OR 152mm	COLOR	0%	20%	621200140 0001 0
1972 AUG 31	VERTICAL RECONNAISSANCE	2120	53088	6.00in OR 152mm	COLOR	0%	20%	621200120 0199 0
1973 JAN 22	VERTICAL RECONNAISSANCE	2260	50183	6.00in OR 152mm	COLOR	0%	30%	622600550 0092 0
1973 JAN 22	VERTICAL RECONNAISSANCE	2260	50209	6.00in OR 152mm	COLOR	0%	30%	622600540 0092 0
1973 JAN 22	VERTICAL RECONNAISSANCE	2260	51338	6.00in OR 152mm	COLOR	0%	50%	622600540 0122 0
1973 JAN 22	VERTICAL RECONNAISSANCE	2260	52180	6.00in OR 152mm	COLOR	0%	50%	622600540 0151 0
1973 JAN 22	VERTICAL RECONNAISSANCE	2260	52195	6.00in OR 152mm	COLOR	0%	40%	622600550 0122 0
1973 JAN 22	VERTICAL RECONNAISSANCE	2260	52253	6.00in OR 152mm	COLOR	0%	50%	622600550 0185 0
1973 JAN 22	VERTICAL RECONNAISSANCE	2260	52282	6.00in OR 152mm	COLOR	0%	50%	622600550 0151 0
1973 JAN 22	VERTICAL RECONNAISSANCE	2260	52536	6.00in OR 152mm	COLOR	0%	60%	622600540 0185 0
1973 SEP 11	VERTICAL RECONNAISSANCE	2530	12192	6.00in OR 152mm	COLOR	0%	20%	625300870 0116 0
1974 APR 19	VERTICAL RECONNAISSANCE	2680	12073	6.00in OR 152mm	COLOR	0%	20%	626800370 0162 0
1974 APR 20	VERTICAL RECONNAISSANCE	2680	12438	6.00in OR 152mm	COLOR	0%	20%	626800400 0088 0
1974 APR 20	VERTICAL RECONNAISSANCE	2680	12581	6.00in OR 152mm	COLOR	0%	20%	626800390 0088 0
1974 SEP 05	VERTICAL RECONNAISSANCE	2800	13000	6.00in OR 152mm	COLOR	0%	20%	628000440 0156 0
1974 SEP 05	VERTICAL RECONNAISSANCE	2800	13000	6.00in OR 152mm	COLOR	0%	20%	628000430 0156 0

FAIRCHILD NATIONAL INC | 413 AZALEA WAY | AL | 35215 | (205) 853-3641

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1978 MAY 00	VERTICAL RECONNAISSANCE	ALAM78	27600	6.00in OR 152mm	B&W	0%	60%	ALAMEDA CO

CALIFORNIA DEPT OF WATER RESOURCES | P O BOX 942836 1416 NINTH ST RM 150 | CA | 94236-0001 | (916) 653-2698

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1977 FEB	VERTICAL CARTO (IMPLIES STEREO)	SEC 0	12000	6.00in OR 152mm	COLOR	0%	30%	SFO BAY 8OF27
1986 FEB 24	VERTICAL CARTO (IMPLIES STEREO)	NASAU2	32000	24.00in OR	COLOR	10%	70%	NO CA 1986 FLOOD
1986 FEB 24	VERTICAL CARTO (IMPLIES STEREO)	NASAU2	32000	24.00in OR	COLOR	10%	70%	NO CA 1986 FLOOD
1986 FEB 24	VERTICAL CARTO (IMPLIES STEREO)	NASAU2	32000	24.00in OR	B&W	10%	70%	NO CA 1986 FLOOD
1986	VERTICAL RECONNAISSANCE	ALA CO	50000	OTHER	COLOR	0%	70%	IRRIGATED LANDS

ENVIRONMENTAL RISK INFORMATION & IMAGING SERVICES
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ERIS Report #73266A

VENDOR NAME | STREET | STATE | ZIP | PHONE

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1981 AUG	VERTICAL CARTO (IMPLIES STEREO)	CDFDWR	24000	6.00in OR 152mm	B&W	0%	80%	

CALIFORNIA DEPT OF TRANSPORTATION DIV OF HIGHWAYS | GEOMETRONICS BRANCH 1120 N ST RM 5450 | CA | 95814 | (916) 654-4814

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1965 JUN	VERTICAL CARTO (IMPLIES STEREO)	65-130	12000	6.00in OR 152mm	B&W	0%	100%	ALAMEDA CO
1984 MAR	VERTICAL CARTO (IMPLIES STEREO)	840714	3000	6.00in OR 152mm	B&W	0%	20%	HWY-17 ALA CO.
1981 SEP	VERTICAL CARTO (IMPLIES STEREO)	78-4	24000	6.00in OR 152mm	B&W	0%	70%	SF BY VAR CO

PACIFIC AERIAL SURVEYS | 8407 EDGEWATER DR | CA | 94621 | (510) 632-2020

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1957	VERTICAL CARTO (IMPLIES STEREO)	AV253	0012000	8.25in OR 210mm	B&W	0%	100%	ALAMEDA CO.
1984 OCT 15	OBLIQUE	C19A36	7500	8.25in OR 210mm	COLOR	0%	100%	OAKLAND-ALA. CO.
1985 JUL	VERTICAL CARTO (IMPLIES STEREO)	AV2655	36000	6.00in OR 152mm	B&W	0%	100%	ALAMEDA CO.
1988 MAY	VERTICAL CARTO (IMPLIES STEREO)	AV3292	0036000	8.25in OR 210mm	B&W	0%	100%	ALAMEDA CO.
1990 APR	VERTICAL CARTO (IMPLIES STEREO)	AV3817	0036000	8.25in OR 210mm	B&W	0%	100%	ALAMEDA CO.
1990 JUN	VERTICAL CARTO (IMPLIES STEREO)	AV3845	0012000	8.25in OR 210mm	B&W	0%	100%	ALAMEDA CO.
1977 JUN	VERTICAL CARTO (IMPLIES STEREO)	AV1377	12000	8.25in OR 210mm	B&W	0%	100%	AVBLE SINCE 1963
1983 JUN	VERTICAL CARTO (IMPLIES STEREO)	AV2300	12000	8.25in OR 210mm	B&W	0%	70%	EAST BAY AREA
1985 MAY	VERTICAL CARTO (IMPLIES STEREO)	AV2640	12000	8.25in OR 210mm	B&W	0%	70%	EAST BAY AREA
1987 JUL 07	VERTICAL CARTO (IMPLIES STEREO)	HAP	63360	3.46in OR 88mm	B&W	0%	50%	SFO BAY AREA
1947	VERTICAL CARTO (IMPLIES STEREO)	AV--11	0018992	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1949	VERTICAL CARTO (IMPLIES STEREO)	AV--28	0007200	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1953	VERTICAL CARTO (IMPLIES STEREO)	AV-119	0009960	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1959	VERTICAL CARTO (IMPLIES STEREO)	AV-337	0009600	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1969	VERTICAL CARTO (IMPLIES STEREO)	AV-902	0012000	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1971 MAY	VERTICAL CARTO (IMPLIES STEREO)	AV-995	0012000	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1973 APR	VERTICAL CARTO (IMPLIES STEREO)	AV1100	0012000	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1975 MAY	VERTICAL CARTO (IMPLIES STEREO)	AV1193	0012000	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1977 JUL	VERTICAL CARTO (IMPLIES STEREO)	AV1377	0012000	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1979 SEP	VERTICAL CARTO (IMPLIES STEREO)	AV1750	0012000	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1981 JUN	VERTICAL CARTO (IMPLIES STEREO)	AV2040	0012000	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1983 JUN	VERTICAL CARTO (IMPLIES STEREO)	AV2300	0012000	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1985 MAY	VERTICAL CARTO (IMPLIES STEREO)	AV2640	0012000	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1988 JUN	VERTICAL CARTO (IMPLIES STEREO)	AV3268	0012000	8.25in OR 210mm	B&W	0%	50%	EAST BAY-HILLS
1968 JUN	VERTICAL CARTO (IMPLIES STEREO)	AV-847	24000	6.00in OR 152mm	B&W	0%	50%	SF L TIDE STRIPS
1963 JUL	VERTICAL CARTO (IMPLIES STEREO)	AV-550	0036000	8.25in OR 210mm	B&W	0%	100%	ALAMEDA CO.
1966 APR	VERTICAL CARTO (IMPLIES STEREO)	AV-710	0036000	8.25in OR 210mm	B&W	0%	100%	ALAMEDA CO.
1968 APR	VERTICAL CARTO (IMPLIES STEREO)	AV-844	0024000	8.25in OR 210mm	B&W	0%	100%	ALAMEDA CO.
1963 JUL	VERTICAL CARTO (IMPLIES STEREO)	AV-550	0036000	8.25in OR 210mm	B&W	0%	100%	SAN MATEO CO.
1966 APR	VERTICAL CARTO (IMPLIES STEREO)	AV-710	0036000	8.25in OR 210mm	B&W	0%	100%	SAN MATEO CO.
1968 APR	VERTICAL CARTO (IMPLIES STEREO)	AV-844	0024000	8.25in OR 210mm	B&W	0%	100%	SAN MATEO CO.
1985 APR	VERTICAL CARTO (IMPLIES STEREO)	AV2600	63360	3.46in OR 88mm	B&W	0%	100%	GREATER BAY AREA
1970 SEP	VERTICAL CARTO (IMPLIES STEREO)	AV965	54000	8.25in OR 210mm	B&W	0%	100%	GREATER BAY AREA
1975 DEC	VERTICAL CARTO (IMPLIES STEREO)	AV1215	54000	8.25in OR 210mm	B&W	0%	100%	GREATER BAY AREA
1979 MAY	VERTICAL CARTO (IMPLIES STEREO)	AV1700	54000	8.25in OR 210mm	B&W	0%	100%	GREATER BAY AREA

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VENDOR NAME	STREET	STATE	ZIP	PHONE

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1981 NOV	VERTICAL CARTO (IMPLIES STEREO)	AV2050	54000	8.25in OR 210mm	B&W	0%	100%	GREATER BAY AREA
1927 JUN 28	OBLIQUE	HST-4	2000	12.00in OR	B&W	0%	20%	OAKLAND AIRPORT
1976 JAN	VERTICAL CARTO (IMPLIES STEREO)	AVI215	54000	6.00in OR 152mm	B&W IR	0%	100%	AVBLE SINCE 1963
1981 SEP 01	VERTICAL CARTO (IMPLIES STEREO)	AV2050	54000	6.00in OR 152mm	B&W	0%	100%	HEALD-SAC-WATSON

RADMAN AERIAL SURVEYS — 6220 24TH ST — CA — 95822 — (916) 391-1651

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1972 MAY 23	VERTICAL CARTO (IMPLIES STEREO)	2705	12000	6.00in OR 152mm	B&W	0%	100%	ALAMEDA CO

NOT REORTED — ( ) -

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1984 MAR 22	VERTICAL CARTO (IMPLIES STEREO)	842516	36000	6.00in OR 152mm	B&W	0%	100%	EAST BAY AREA

AIR FLIGHT SERVICE — 2220 CALLE DE LUNA — CA — 95054 — (408) 988-0107

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1967 MAR 07	VERTICAL RECONNAISSANCE	ALAMED	36000	6.00in OR 152mm	B&W	0%	100%	ALAMEDA CO.
1968 AUG 06	VERTICAL RECONNAISSANCE	ALAMED	36000	6.00in OR 152mm	B&W	0%	100%	ALAMEDA CO.
1969 JUL 31	VERTICAL RECONNAISSANCE	ALAMED	36000	6.00in OR 152mm	B&W	0%	100%	ALAMEDA CO.
1971 OCT 21	VERTICAL RECONNAISSANCE	ALAMED	36000	6.00in OR 152mm	B&W	0%	100%	ALAMEDA CO.
1974 AUG 08	VERTICAL RECONNAISSANCE	ALAMED	36000	6.00in OR 152mm	B&W	0%	100%	ALAMEDA CO.
1976 MAR 12	VERTICAL RECONNAISSANCE	ALAMED	36000	6.00in OR 152mm	B&W	0%	100%	ALAMEDA CO.
1978 MAY 27	VERTICAL RECONNAISSANCE	ALAMED	36000	6.00in OR 152mm	B&W	0%	100%	ALAMEDA CO.
1969 OCT 11	VERTICAL RECONNAISSANCE	SFBCDC	30000	6.00in OR 152mm	B&W	0%	30%	SF BAY SHORELINE

WHITTIER COLLEGE DEPT OF GEOLOGY — 13406 EAST PHILADELPHIA ST — CA — 90608 — (310) 907-4220

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1964	VERTICAL CARTO (IMPLIES STEREO)	C24868	92000	3.46in OR 88mm	B&W	0%	100%	ALAMEDA
1964	VERTICAL CARTO (IMPLIES STEREO)	C24868	96000	3.46in OR 88mm	B&W	0%	100%	ALAMEDA
1964 NOV	VERTICAL CARTO (IMPLIES STEREO)	C24868	90000	3.46in OR 88mm	B&W	0%	100%	ALAMEDA

JIM FASHINELL PHOTOGRAPHY — 10950 EAST 14TH ST STUDIO 2 — CA — 94603 — (510) 568-9000

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1987 MAR 20	OBLIQUE	EBAY87	2750	OTHER	COLOR	0%	20%	SAN LEANDRO

NOT REORTED — ( ) -

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1985 SEP	VERTICAL CARTO (IMPLIES STEREO)	EBAY85	50000	6.00in OR 152mm	B&W	0%	90%	EAST BAY AREA

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VENDOR NAME	STREET	STATE	ZIP	PHONE
WAC CORP	520 CONGER ST	OR	97402-2795	(503) 342-5169

DATE OF COVERAGE	SENSOR CLASS	PROJECT CODE	SCALE	FOCAL LENGTH	FILM TYPE	CLOUD COVER	QUADRANGLE COVERAGE	REMARKS
1984 MAY 31	VERTICAL CARTO (IMPLIES STEREO)	WAC84C	31680	6.00in OR 152mm	B&W	0%	100%	ALAMEDA CO
1988	VERTICAL CARTO (IMPLIES STEREO)	WAC-88	0031680	6.00in OR 152mm	B&W	0%	100%	ALAMEDA CO.
1989 NOV	VERTICAL CARTO (IMPLIES STEREO)	WAC-89	0015840	8.25in OR 210mm	COLOR	0%	20%	SAN LEANDRO
1989 NOV	VERTICAL CARTO (IMPLIES STEREO)	WAC-89	0015840	8.25in OR 210mm	COLOR	0%	20%	SAN LORENZO
1989 NOV 09	VERTICAL CARTO (IMPLIES STEREO)	SFO89	0015840	8.25in OR 210mm	COLOR	0%	100%	SF89 EARTHQUAKE
1989 NOV 09	VERTICAL CARTO (IMPLIES STEREO)	SFO89	0015840	8.25in OR 210mm	COLOR	0%	100%	SF89 EARTHQUAKE

HISTORIC MAP SEARCH

PERTAINING TO:

2400 BAUMANN AVENUE
SAN LORENZO, CA 94586

REPORT NUMBER: 73266A

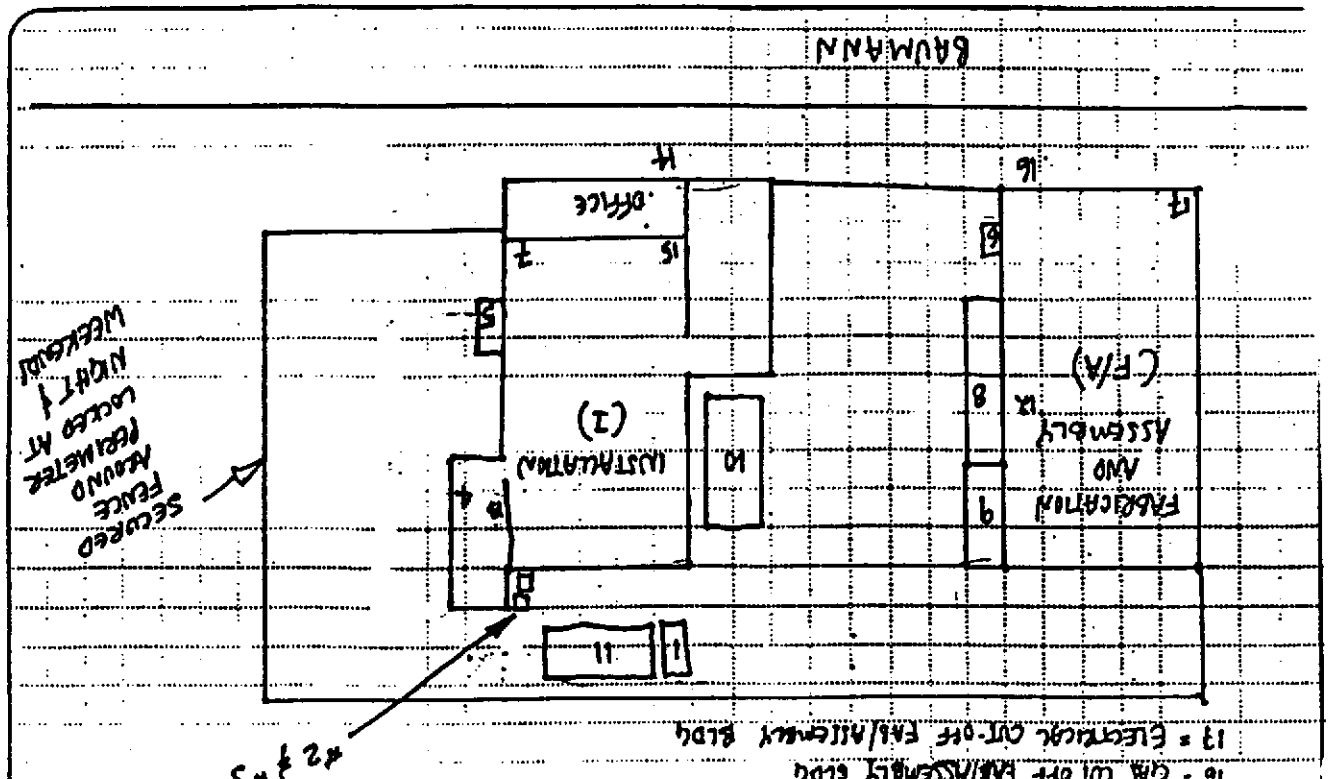
No historic map coverage is available for this site in the ERIIS Historic Map Collection, for the period covering the years 1867-1990

B4

Facility Name: SERVICE MANUFACTURING COMPANY

Facility Address: 2400 BAUMANN AVE. City: SAN LORENZO CA Zip: 94580

CONFIDENTIAL



1 = Plant Storage Area + Thinner & Reducers
2 = Hazardous Materials Storage - Waste Lacquer Thinner - 2° containment
3 = Hazardous Materials Storage - Waste oil - 2° containment
4 = Waste oil Accumulation Drum
5 = Used Battery Storage Area
6 = Compressed Gases (Except Propane)
7 = Propane Storage Area
8 = Phosphoric Acid (Aew) Storage
9 = Spray Booth - Primer
10 = Spray Booth - Finish
11 = Steam Booth - Touch up & Parts
12 = Iron Phosphate Treatment Area
13 = Used Hydraulic oil Storage
14 = Gas cut-off Janitorial Bldg
15 = Electrical cut-off Janitorial Bldg
16 = Gas cut off FA/Assembly Bldg
17 = Electrical cut-off FA/Alternate Bldg

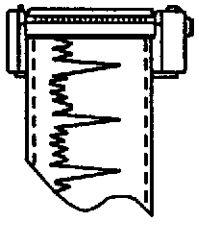
N

SCALE	1 SQUARE = 10 FEET	MAP #	MAP NAME	DATE
	1 square = ____ feet	1	SERVICE MFG. CO.	11/12/91

PHASE II
ENVIRONMENTAL INVESTIGATION

FORMER SERVICE MANUFACTURING
2400 BAUMANN AVENUE, SAN LORENZO, CALIFORNIA

Prepared by:



ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DRIVE, SUITE #2
SAN JOSE, CALIFORNIA 95128
408.248.5892 FAX: 408.248.5899

Prepared For:

Daryl Melville
Gallo Salame
2411 Baumann Avenue
San Lorenzo, California

Prepared by:

Tom Price
Project Manager

Report issued June 24, 1996

Section 1

I. INVESTIGATION HIGHLIGHTS

Investigation highlights presented in this report are as follows:

- **April 20-21, 1996** - Environmental Testing & Mgmt. (ETM) conducted a soil vapor survey locations VP-1 through VP-8 for general hydrocarbons and chlorinated solvents around the former spray booth located in the south canopy area and the storm drain close to the southeast property corner. The results of this phase of the investigation were presented in a letter report dated April 23, 1996. A copy of the letter report is included in **Appendix A**. One confirmation soil sample was collected at VP-1, (labeled Sample 1), the only location where paint solvents were detected. The results of the confirmation soil sample are presented in **Table 1a.**

- **April 23, 1996** - ETM collected twenty (20) paint samples with a chisel and hammer (testing results, **Table 2** and **Appendix B**; locations, **Figure 2**) at sample locations P-1 through P-10, P-10A, P-11 through P15, P-15W, and P-16 through P-18) from around the two former paint spray booths in the south and east canopy areas. Several samples were composited at the laboratory and a total of twelve (12) samples were submitted for grinding and analysis of total lead content. Also, two soil samples (testing results **Tables 3a, 3b** and **Appendix B**; locations, **Figure 3**). ST. DRAIN-1 and ST. DRAIN-1A were collected from the pipe of the storm drain located close to the southeast property corner. The samples were submitted for analysis of aromatic and chlorinated compounds, and heavy metals. One water sample GUTTER-1 (testing results, **Table 4** and **Appendix B**, location, **Figure 3**) was collected from the gutter in front of the building and submitted for heavy metal analysis. One water sample SUMP-1 (testing results **Table 5a, 5b** and **Appendix B**) was collected with a bailer from the sump located in the building at 2364 Baumann Avenue and submitted for heavy metal and solvent analysis. One water sample was collected from the VP-6 probe location (testing results **Appendix B**, location, **Figure 1**) at a depth of 1 foot and submitted for analysis for solvents however, none were detected above reporting limits.

- **April 26, 1996** - ETM collected fifteen (15) oil stain residue samples OIL-1 through OIL-15) (testing results, **Table 6** and **Appendix B**; locations, **Figure 3**) from the main building, eastern and western building additions, eastern compressor canopy area, and outside asphalt areas by wiping 100 square centimeter areas with a filter paper and hexane. The samples were composited at the laboratory and three (3) samples were analyzed for PCBs. One soil sample TP-1-36", (testing results **Table 7a** and **Appendix B**, locations, **Figure 3**) was collected with a barrel sampler and brass sleeve at a location along the east property line from the 3' depth, and one groundwater sample TP-1-1 (testing results **Table 7b** and **Appendix B**, location, **Figure 3**,) was collected at the 4' depth with a bailer. These samples were submitted for analysis of general organics and solvents. Three oil/gravel samples WG-1 through WG-3 (testing results, **Table 8** and **Appendix B**; locations, **Figure 3**,) were collected with a barrel sampler and brass sleeves from the western lot area and submitted to the laboratory where they were composited and analyzed for PCBs. One surface soil sample OG-1 (testing results, **Table 9** and **Appendix B**; location, **Figure 3**,) was collected to the west of the main building and analyzed for oil and grease. Two surface soil samples S-1 and S-2 (locations, **Figure 3**,) were collected from the yard in locations where copper slag and sand (possibly used for sandblasting, similar to 2 bags of Kleenblast observed in the eastern building addition, and MSDS sheets included in **Appendix C**) were observed however, these samples were not submitted to the laboratory for analysis. Soil samples S-3 and S-7 (testing results, **Table 10** and **Appendix B**, locations, **Figure 3**) were collected from the south canopy area and submitted for analysis of total lead. Two samples S-4 and S-5 (testing results, **Appendix B**, locations **Figure 3**) were collected to the east of the main building and submitted to the laboratory where they were composited and analyzed an tested negative for leachable heavy metals. One soil sample S-6 (results, **Table 11** and **Appendix B**; location, **Figure 3**) was collected after sweeping dirt and debris at the west canopy area and this sample was analyzed for heavy metals.

- **April 30, 1996** - ETM conducted surface soil vapor screening with portable photo-ionization and catalytic detectors at twenty-six (26) locations SVP-1 through SVP-26 (field screening test results, **Table 12**; locations, **Figure 1**,) locations around the yard and inside the building. Several "hot spots" were identified including in front of both roll-up doors on the west side of the main building, close to the south property line on the southwest side of the building near the edge of the asphalt, and in general along the east property boundary. The method of survey generally followed techniques described in **Appendix A**.

- May 20, 1996 - Eight (8) groundwater samples WS-1 through WS-9 (including one duplicate sample, locations, **Figure 3**) were collected from groundwater at the 4' depth around the property including two (2) locations inside the building. A drilling permit issued by Zone 7 water agency for this activity is included in **Appendix D**. The samples were collected with washed bailers after a rod (torched and cooled as a decontamination measure) was driven pneumatically into the soil and withdrawn. Sampling problems were encountered due to a chemical reaction apparently between carbonate in solution and the acid preservative placed in sampling vials. The Environmental Protection Agency protocol calls for the use of acid as a preservative for water samples. However, when carbonate is present, this causes bubbles of carbon dioxide to form which also has a sparging effect on volatile target analytes. In effect, this decreases the sensitivity of detection limits reported by the laboratory because a percentage of the target analytes are lost in the process of sampling. The data set may be considered valid however, if perhaps the effective detection limits reported by the laboratory are adjusted by a factor of five or ten. The results of duplicate samples WS-3 and WS-4 collected at location VP-1 are presented in **Table 1b**. The results of other groundwater samples collected WS-1, WS-2 and WS-5 through WS-9 are included in **Appendix B** and generally tested negative for chlorinated and organic solvents. The samples were submitted for analysis of general organics and solvents. Three surface soil samples STLC-1 through STLC-3 (testing results, **Table 13, Appendix B**; locations **Figure 3**) were collected and submitted for analysis of leachable heavy metals. Two

soil samples SS-1 and SS-2 (testing results, **Appendix B**; locations, **Figure 3**) were collected from the six inch depth in areas previously identified as "hot" with the surface soil vapor survey; these samples were submitted for analysis of aromatic and chlorinated solvents however, tested negative for halogenated and organic compounds. One water sample was collected from the sump at the 2364 Baumann Avenue Building and submitted for analysis of hexavalent chromium which was not detected (testing results, **Appendix B**).

II. ANALYTICAL RESULTS AND INTERPRETATIONS

This section includes condensations of positive test results only. Negative test results are briefly mentioned thoughout the report.

TABLE 1a. CHEMICAL TEST RESULTS OF CONFIRMATION SOIL SAMPLE COLLECTED AT VP-1

EPA Method 8010/8020

Units: ug/Kg

LOCATION	TOLUENE	ETHYL-BENZENE	XYLENES
VP-1[1] @ 3'	100	340	240

This analysis verified the presence of hydrocarbons in the soils below the paint build up in the south canopy area by a DHS certified laboratory.

TABLE 1b. CHEMICAL TEST RESULTS OF CONFIRMATION GROUNDWATER SAMPLE COLLECTED AT VP-1

EPA Method 8240

Units: ug/L

[1]This sample was also analyzed for chlorinated solvents by EPA Method 8010 however, no chlorinated compounds were detected.

LOCATION	TOLUENE	ETHYL-BENZENE	XYLENES
WS-3 @ 4'	140	<10	480
WS-3[2] @ 4'	320	140	580
MCL[3]	150	700	1750

The concentration of toluene in the sample exceeded the California Drinking Water Maximum Contaminant Level (MCL). The concentration of ethyl-benzene and xylenes in the sample are below their respective MCLs.

TABLE 2. CHEMICAL TEST RESULTS OF LEAD ANALYSIS OF SPRAYBOOTH AREAS PAINT SAMPLES

EPA Method 6010A

Units: mg/Kg

LOCATION	Total Lead
P-1-4	5180
P-5-9	443
P-10	15,800
P-10A	19,400
P-11-12	13,400
P-13	33,200
P-14	1140
P-15	729

[2]This sample was labeled WS-4 and submitted for analysis as a blind duplicate as a quality control measure. The results provide an indication of sample result variability due to sampling technique and data scatter.
[3]MCL = Maximum Contaminant Level for Drinking Water Standards as established by the California Department of Health Services, November, 1994..

P-15W	699
P-16	11,600
P-17	5750
P-18	14,000

The U.S. Department of Housing and Urban Development placed a limit on the safe level of lead content at 5,000 mg/Kg in dried paint. The data set shows that the level is exceeded in most of the samples submitted. Lead abatement will be necessary.

TABLE 3a,b. CHEMICAL TEST RESULTS OF STORM DRAIN SOIL SAMPLE

EPA Method 8010/8020

Units: ug/Sample

LOCATION	XYLENES
ST. DRAIN-1	4

This residual amount of xylenes in the soil recovered from the storm drain located on the property is of minor concern. No chlorinated solvents were detected in this sample.

California Title 22 Waste Extraction Test/EPA Method 6010A

Units: mg/L in Extract

LOCATION	BARIUM	CHROMIUM	LEAD
ST. DRAIN-1	4	2	2
Hazardous (DHS)	100	560	5

The detected heavy metals in the soil recovered from the storm drain located on the property close to the southeast property corner is below DHS criteria for hazardous wastes.

TABLE 4. CHEMICAL TEST RESULTS OF GUTTER WATER SAMPLE

EPA Method 6010A,7470

Units: mg/L

LOCATION	BARIUM	CHROMIUM	LEAD	MERCURY
GUTTER-1	0.3	0.04	0.1	0.0003
MCL/AL	1	0.05	0.015	0.002

The drinking water Maximum Contaminant Levels set by DHS were met for detected metals barium, chromium, and mercury however, the drinking water standard is exceeded for lead. This sample was collected from the gutter in front of the building where noticeable rust stains are evident, presumably runoff from 2364/2400 Baumann Avenue.

TABLES 5a,b. CHEMICAL TEST RESULTS OF SUMP WATER SAMPLE

EPA Method 3010A, 6010A

Units: mg/L

LOCATION	CHROMIUM
SUMP-1	0.02
MCL	0.05

The detected chromium concentration in the sump at 2364 Baumann Avenue is below the Maximum Contaminant Level for drinking water standards set by DHS. Subsequent to analysis for chromium, a second sample was collected from the sump on May 20, 1996 and submitted for analysis of hexavalent chromium however it was not detected above the detection limit of 0.01 mg/L.

EPA Method 8010/8020
Units: ug/L

LOCATION	XYLENES

SUMP-1	2

Only residual xylenes of little concern were detected in the sump at 2364 Baumann Avenue, and chlorinated compounds were not detected.

TABLE 6. CHEMICAL TEST RESULTS OF PCB ANALYSIS OF OIL STAIN RESIDUES

EPA Method 8080

Units: 1 ug/Sample

LOCATION	PCBs
OIL 1-5	<1
OIL 6-10	<1
OIL 11-15	<1

No PCBs above the detection limit were detected in oil samples associated with stains in the building or in oil stains around the former compressor canopy area or in stains on the asphalt.

TABLE 7a. CHEMICAL TEST RESULTS OF SOIL SAMPLE TP-1 ✓

EPA Method 8240

Units: ug/Kg

< PRGs

LOCATION	Methylene Chlorid	Acetone	MEK
TP-1	5	350	140

This soil sample was collected at a depth of three feet below the ground surface and one foot above groundwater. The drinking water maximum contaminant level for methylene chloride is 5 ug/L. Neither acetone or methyl ethyl ketone (MEK) is listed on the DHS Maximum Contaminant Level list for drinking water standards.

TABLE 7b. CHEMICAL TEST RESULTS OF GROUNDWATER SAMPLE TP-1 ✓

EPA Method 8240

Units: ug/L

LOCATION	Carbon Disulfide
TP-1-1	13

The possible explanations for not detecting methylene chloride, MEK, or acetone in groundwater at this location just one foot below where it was detected in soil include 1) it may not be present or 2) what little may have been in the sample was sparged off as the acid preservative reacted with carbonate in solution. The Environmental Protection Agency (EPA) protocol calls for the use of acid as a preservative for water samples. However, when carbonate is present, this causes bubbles of carbon dioxide to form which also has a sparging effect on volatile target analytes. In effect, this decreases the sensitivity of the detection because the target analytes are lost in the process of sampling. The data set may be considered valid however, if perhaps the effective detection limits reported by the laboratory are adjusted by a factor of five or ten. In addition, why Carbon disulfide was detected in groundwater and not in soil one foot above is also a mystery. Perhaps this is a cross contamination error from the lab as carbon disulfide is a common analytical solvent. It is a known solvent, corrosion inhibitor, and rust removal compound which would be consistent with the use of the site however, a single data point is sufficient for speculation only. This compound is not listed on the DHS Maximum Contaminant Level list for drinking water standards. Carbon disulfide is a human poison however, has found use as a preservative of fresh fruit.

TABLE 8. CHEMICAL TEST RESULTS OF OIL/GRAVEL PCB ANALYSIS

EPA Method 8080

Units: ug/Kg

LOCATION	PCBs
WG-1-2-3	<33

Part of the parking lot on the west side of the property is constructed of oil and gravel. Three samples were collected, composited and tested for PCBs however none where detected above the reporting limit of the analysis.

TABLE 9.CHEMICAL TEST RESULTS OF SOIL SAMPLE FOR TOTAL OIL AND GREASE

Standard Methods for the Examination of Water and Wastewater, 18th Edition, Method 5520E,F.

Units: mg/Kg

LOCATION	Oil and Grease
OG-1	58000

One soil sample was collected from west side of the building and not surprisingly came up positive for oil and grease.

TABLE 10. CHEMICAL TEST RESULTS OF SURFACE SOIL SAMPLES FOR TOTAL LEAD

EPA Method 6010A,7470

Units: mg/L

LOCATION	Total Lead
S-3	2910
S-7	116
Hazardous (DHS)	1,000

These samples were collected from soils adjacent to the former spray booth located in the south canopy area. Due to lead content, additional samples were collected and leachable metals testing conducted. In addition, two other surface soil samples (S-4 and S-5, testing results, **Appendix B**; locations **Figure 3**) were collected from the east side of the main building and tested negative for leachable heavy metals.

TABLE 11. CHEMICAL TEST RESULTS OF SWEEP DEBRIS

California Title 22 Waste Extraction Test/EPA Method 6010A

Units: mg/L in Extract

LOCATION	Arsenic	Barium	Cadmium	Chromium	Lead
S-6	0.3	5	0.5	2	5.4
Hazardous (DHS)	5	100	1	560	5

The sweep sample of the west canopy area is considered hazardous waste by DHS standards due to leachable lead. The sample was right on the threshold for hazardous waste classification.

TABLE 12. SURFACE SOIL VAPOR FIELD SCREENING

LOCATION	Depth (ft.)	PPM[4] by PID[5]	PPM by Catalytic[6]
SVP-1	2	1.5	30
SVP-2	1.5	18	100
SVP-3	1.3	15	300
SVP-4	1	0	500
SVP-5	1	85	100
SVP-6	2	90	120
SVP-7	1	0	50
SVP-8	1	2700	-
SVP-9	1	600	-
SVP-10	1	0	70

[4]PPM = Parts per million.
[5]Photo-ionization detector which is selective for detection of aromatic compounds.
[6]The catalytic detector was used for detection of general organic compounds.

SVP-11	1	0	50
SVP-12	1	0	150
SVP-13	1	0	70
SVP-14	1	0	100
SVP-15	1	90	1800
SVP-16	1	0	-
SVP-17	2	0	-
SVP-18	2	0	-
SVP-19	2	0	100
SVP-20	2	0	100
SVP-21	2	20	100
SVP-22	1.5	0	30
SVP-23	1.5	0	30
SVP-24	1.5	0	140
SVP-25	2	0	120
SVP-26	2	30	40

The surface soil vapor screening (locations, **Figure 1**) was conducted in order to identify areas where chemicals may have been released at the surface. The photo-ionization detector is specific for detecting aromatic compounds whereas the catalytic detector detects a wider range of compounds. For example, a photo-ionization detector will detect an aromatic compound like toluene however will not detect a non-aromatic like methane. The catalytic detector will detect both. For this investigation, the readings of the catalytic detector served the purpose of ensuring that a representative sample of vapors or gases were collected and it provided background readings of methane or general organic compounds associated with the marshlands or bay muds. Subsequently,

a reading by the photo-ionization detector for aromatic compounds provided detection of aromatic compounds that are commonly used as industrial solvents. Target areas included cracks in the asphalt, the edge of asphalt, and along property and fence lines where chemicals might be found. Several areas were identified including in front of both roll-up doors on the west side of the main building, along the edge of the asphalt at the southwest corner of the parcel, and in general along the east property line where the concrete at 2364 Baumann Avenue slopes toward the 2400 Baumann Avenue parcel. The surface soil vapor screening provided the rationale for placement of subsequent grab groundwater sampling locations.

TABLE 13. SURFACE SOIL SAMPLES

California Title 22 Waste Extraction Test/EPA Method 6010A

Units: mg/L in Extract

LOCATION	Barium	Cadmium	Chromium	Lead
STLC-1	4	0.1	0.2	0.4
STLC-3	5	0.4	0.4	1.4
Hazardous (DHS)	100	1	560	5

STLC-1 was a background sample collected from soils below the asphalt. **The analysis of STLC-2 was canceled because the prior sample S-3** (test results, **Table 10** and **Appendix B**; location, **Figure 3) already classified the soil at that location as hazardous waste due to total lead content. and further testing was unnecessary.** STLC-3 was collected in the east yard area where visible paint chips are apparent on the surface. The leachable heavy metal concentration in samples STLC-1 and STLC-3 are below DHS criteria for hazardous wastes.

III. CONCLUSIONS AND RECOMMENDATIONS

Lead Based Paint:

Lead based paint was discovered in most paint samples collected in the former spray booth areas. In addition, dust in the main building has been characterized as hazardous due to heavy metal content. Comprehensive lead abatement is recommended for the 2400 Baumann Avenue facility. Assessment and preparation of abatement specifications is currently in progress and beyond the scope of this report.

Environmental Impacts to Groundwater:

South Canopy Area: Groundwater at the four-foot depth in the south canopy former spray booth area was found to be impacted by hydrocarbons including toluene, ethyl benzene and xylenes which are paint-related solvents. The California Department of Health Services Maximum Contaminant Levels for drinking water were exceeded for toluene however were not exceeded for ethyl benzene or xylenes. The Department of Health may or may not require additional investigation for this hydrocarbon release. A major source of hydrocarbons leaching into the groundwater like a known leaking tank is not present. The shallow waters in the area are generally considered non-potable (1,400 mg/L dissolved solids in the area compared to 1,000 mg/L general potable standard; Environmental Testing and Management report at 2400 Baumann Avenue, Gallo Salame, February 9, 1995). Also, if additional investigation were required by DHS, it is possible that the case would be closed following a cursory investigation or risk-based evaluation tailored to site-specific conditions and risks. Excavation may not be required since natural processes like dispersion, dilution, and biodegradation will attenuate concentrations over time.

Environmental Impacts to Soils:

South Canopy Area: Surface soils along the fence in this area have been classified as hazardous due to total lead content and should be excavated and properly disposed of. Soils below paint-

build up in the south canopy former spray booth area were found to be impacted by toluene, ethyl-benzene, and xylenes. Excavation of these hydrocarbon impacted soils may not be required since natural biodegradation will attenuate concentrations over time.

East Yard Area: One soil sample (TP-1) which was collected at the three foot depth on the 2364 Baumann Avenue property, close to the 2400 Baumann Avenue east property line was found to contain low levels of methylene chloride, acetone, and methyl ethyl ketone, all common industrial solvents. The sample depth is just one foot above groundwater and it is possible that groundwater at the 2400 Baumann Avenue property is impacted by these chemicals. However, these chemicals were not detected above detection limits in one groundwater sample collected at this location.

Vapors collected from surface soils on the 2364 Avenue property along the edge of concrete close to the 2400 Baumann Avenue east property line were found to contain detectable concentrations of aromatic compounds during field screening however, testing of confirmation soil samples did not result in detection of general organic or chlorinated solvents above detection limits. The identity of these compounds have not been verified. It is recommended that the soil vapors be tested to determine the identity of the compounds. Excavation may not be required since natural biodegradation will attenuate concentrations over time.

Lead based paint chips are apparent in the east yard. It is recommended that visible paint chips be collected as part of lead abatement and that subsequently the area be covered with asphalt which is consistent with the anticipated future use of the area.

West Yard Area: One soil sample collected by sweeping the west canopy area was classified as hazardous waste due to lead content. It is recommended that the asphalt be wet scrubbed with the application of detergent as part of the lead abatement process.

Vapors collected from surface soils along in front of the two roll-up doors on the west side of the main building, and along the edge of asphalt in the yard were found to contain detectable concentrations of aromatic compounds during field screening. The identities of these compounds have not been verified. Testing of one confirmation soil sample in front of the south roll-up door did not result in detection of general organic or chlorinated solvents detectable concentration of common organic or chlorinated solvents above detection limits. It is recommended that the soil vapors be tested to determine the identity of the compounds. Excavation may not be required since natural biodegradation will attenuate concentrations over time.

IV. LIMITATIONS

The conclusions and recommendations presented above are based upon findings collected in a stepwise manner as information became available in the process of investigation. ETM makes no warranties or guarantees as to the accuracy or completeness of information obtained from this investigation or provided by others. It is possible that information exists beyond the scope of this investigation. Also, changes in site use may have occurred sometime in the past due to variations in rainfall, temperature, water usage, economic, agricultural or other factors. Additional information may exist which was not found or available to ETM at the time of writing which may result in a modification of the conclusions and recommendations presented. This report is not a legal opinion. The services performed by ETM have been conducted in a manner consistent with the level of care ordinarily exercised by members of our profession currently practicing under similar conditions. No other warranty expressed or implied is made.

This assessment report was prepared for use by Gallo Salame. It may be released to other parties however, it may not contain sufficient information for the purposes of other parties or other uses. If changes are made or new information is discovered, the conclusions and recommendations

contained herein should not be considered valid, unless the changes are reviewed by ETM and the recommendations are modified in writing.

V. REFERENCES

California Code of Regulations, Title 22, 66260.21, "Environmental Health Standards", 6/23/95.

Code of Federal Regulations, 40 CFR 260, "Hazardous Waste Management System: General, 7/1/94.

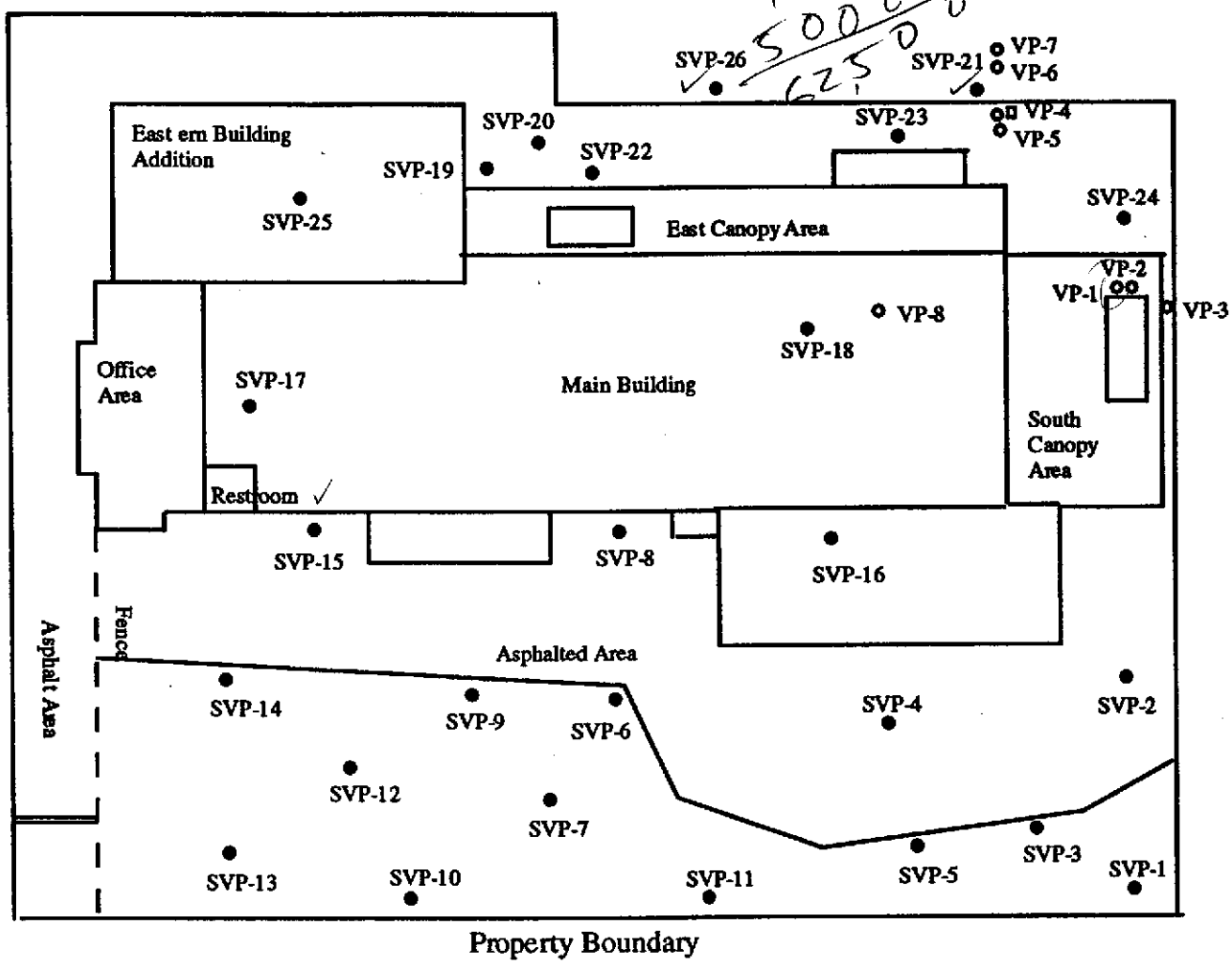
Guidelines for the Evaluation and Control of Lead-Based Paint in Housing, U.S. Department of Housing and Urban Development and Research, June, 1995.

Maximum Contaminant Level and Action Levels, Department of Health Services, State of California Division of Drinking Water and Environmental Management, November 1994.

Designated Level Methodology for Waste Classification and Cleanup Level Determination, California Regional Water Quality Control Board, June, 1989.

Sax and Lewis, Dangerous Properties of Industrial Materials, Seventh Edition, Van Nostrand Reinhold, New York, 1989.

Kirk Othmer Encyclopedia of Chemical Technology, Third Edition, John Wiley & Sons, New York.



EXPLANATION:

Scale: 1"=40'

0 20' 40'

REFER TO APPENDIX A AND TABLE 12 FOR RESULTS

○ VP-8 VAPOR PROBE

● SVP-26 SURFACE VAPOR PROBE

N

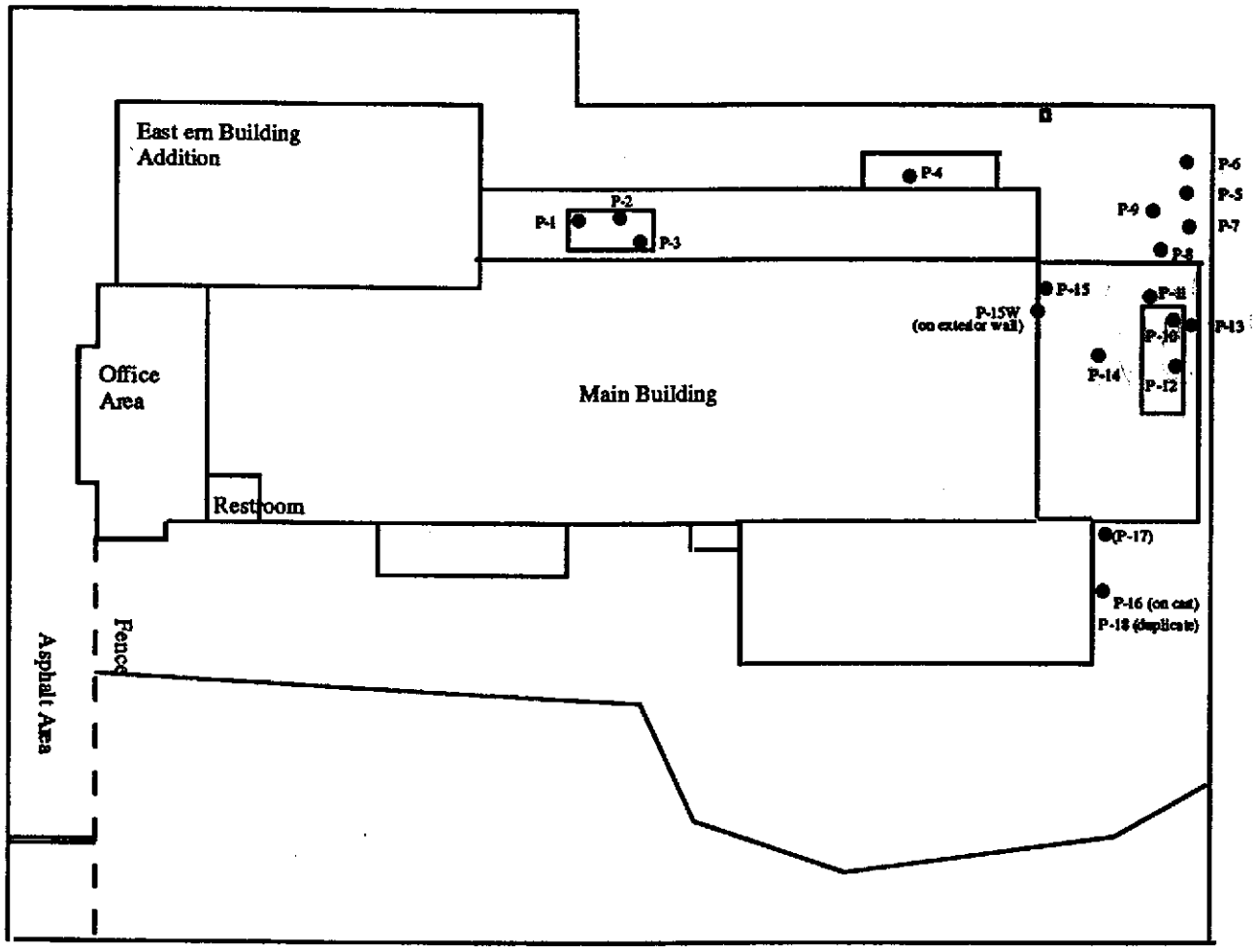
ENVIRONMENTAL TESTING AND MANAGEMENT

2916 MACLIOCCO DRIVE #2
SAN JOSE, CALIFORNIA 95128

SOIL VAPOR SURVEYS
FORMER SERVICE MANUFACTURING
2400 Baumann Avenue
San Lorenzo, California

Figure 1

Project No. 96-70
Date: 6/96



EXPLANATION:

Scale: 1"=40'

0 20' 40'

REFER TO TABLE 2 FOR RESULTS

collected via chisel & hammer

● PAINT SAMPLING LOCATIONS

N

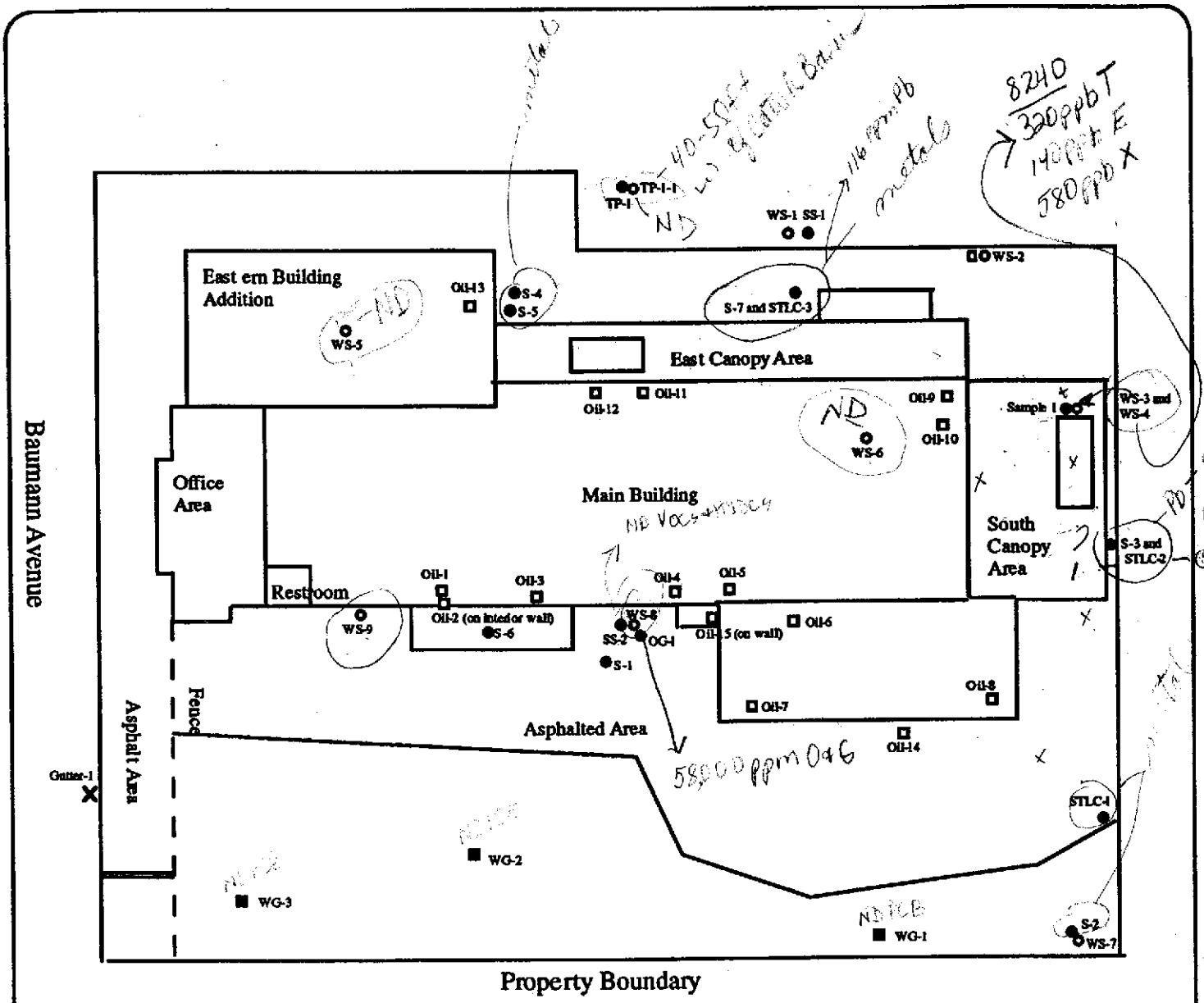
Lead Analyses

ENVIRONMENTAL TESTING AND MANAGEMENT
2916 MAGLIOCCO DRIVE #2
SAN JOSE, CALIFORNIA 95128

PAINT SAMPLING LOCATIONS
FORMER SERVICE MANUFACTURING
2400 Baumann Avenue
San Lorenzo, California

Figure 2

Project No. 96-70
Date: 6/96



EXPLANATION:

Scale: 1"=40'

0 20' 40'

- GROUNDWATER SAMPLING LOCATION
- SOIL SAMPLING LOCATION
- OIL STAIN SAMPLING LOCATION
- GRAVEL/OIL SAMPLING LOCATION
- GUTTER SAMPLING LOCATION

N

ENVIRONMENTAL TESTING AND MANAGEMENT
2916 MAGLIOCCO DRIVE #2
SAN JOSE, CALIFORNIA 95128

SAMPLING LOCATIONS
FORMER SERVICE MANUFACTURING
2400 Baumann Avenue
San Lorenzo, California

Figure 3

Project No. 96-70
Date: 6/96

APPENDIX A: SOIL VAPOR SURVEY REPORT LETTER

ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DRIVE #2
SAN JOSE, CALIFORNIA 95128
408.248.5892

April 23, 1996

Daryl Melville
Director of Engineering
Gallo Salame
2411 Baumann Avenue
San Lorenzo, California 94580

Re: Soil Vapor Field Screening
Former Service Manufacturing Facility
2400 Baumann Avenue
San Lorenzo, California

Dear Mr. Melville:

Attached are the results of the soil vapor survey conducted 4/20-21 and map showing probe locations.

One sample collected 2' below the paint build up at VP-1 was found to contain hydrocarbons, especially toluene which is a known paint vehicle solvent. A confirmation soil sample was collected at this location by driving a steel pipe into the soil and cutting the pipe off. The soil sample was submitted to Inchcape Testing Services in San Jose for analysis of general organic and chlorinated compounds.

No samples were observed to contain chlorinated solvents. However, some difficulty collecting samples was encountered due to high vacuums at the sampling heads due to tight soils.

The method of survey was as follows: 1) a 1" diameter hole pilot hole was drilled at each location, 2) a 1" diameter probe with forged tip and 1/8" diameter perforations the lower 1-2' was driven into the soil with a pneumatic pounder, 3) a vacuum was applied to the probe head with a vacuum pump, 4) the vacuum created at the probe head was recorded 5) the pump was turned off and the vacuum allowed to equilibrate to atmospheric pressure, 6) a syringe was inserted through a "T" fitting with septum on the probe head assembly and a sample was withdrawn, 7) the sample was injected into a column of containing SP-1000 Carbopack in the oven of a Hewlett-Packard gas chromatograph and the signal was recorded with a Hewlett-Packard 3392A Integrator, 8) the samples were eluted with the aid of temperature programming and flame ionization and electron capture detectors were employed. The quality assurance/quality control measures included the following: 1) the probes were decontaminated in advance by heating them with a propane torch, 2) duplicates and blanks were analyzed periodically throughout the day, 3) the instrument was calibrated with standards prepared in the field.

A professional underground utility locator was employed to assist with the investigation.

Sincerely yours,

Tom Price
Project Manager

Results of Soil Vapor Screening by Gas Chromatography

Flame Ionization Detector for General Organic Compounds

Units: Parts per Million[1]

LOCATION	Methyl Ethyl Ketone	Benzene	Butyl Acetate	Toluene	Xylenes	Other Hydrocarbons[2]
VP-1[3] @ 2'	<1	<1	<1	41	8	25

Results of Soil Vapor Screening by Gas Chromatography

Electron Capture Detector for Chlorinated Solvents

Units: Parts per Billion[4]

LOCATION	Methylene Chloride	Freon	Trichloro-Ethane	Trichloro-Ethylene	Other Halocarbons
VP-1[5]- @ 3'	<100	<100	<100	<100	<100
VP-3[6] @ 3'	<100	<100	<100	<100	<100
VP-4[7] @ 3'	<100	<100	<100	<100	<100
VP-4[8] @ 2'	<100	<100	<100	<100	<100
VP-6[9] @ 1'	<100	<100	<100	<100	<100
VP-8[10] @ 3'	<100	<100	<100	<100	<100

[1]Concentration effects of temperature and pressure were ignored for this field screening analysis.
[2]Several unidentified compounds were collectively quantified "as toluene" for this value.
[3]Vacuum obsevered at probe head was 0-1 Inches mercury.
[4]Concentration effects of temperature and pressure were ignored for this field screening analysis.
[5]Vacuum observed at probe head was 13 Inches of Mercury.
[6]Vacuum observed at probe head was 13 Inches of Mercury.
[7]Vacuum observed at probe head was 17 Inches Mercury
[8]Vacuum observed at probe head was 7 Inches mercury.
[9]A vacuum of 19" Inches of Mercury was observed at the probe head then the probe was pulled up to 1' until the vacuum was released then the sample was collected.
[10]A vacuum of 13 Inches of Mercury was observed at the probe head.

Inchcape Testing Services
Environmental Laboratories

1961 Concourse Drive
Suite E
San Jose, CA 95131
Tel: 408-432-8192
Fax: 408-432-8198

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9604231
Date Received : 04/22/96
Project ID : SERVICE MANUF
Purchase Order: N/A

The following samples were received at Inchcape for analysis :

ANAMETRIX ID	CLIENT SAMPLE ID
9604231- 1	1

This report is organized in sections according to the specific Inchcape laboratory group which performed the analysis(es) and generated the data.

The results contained within this report relate to only the sample(s) tested. Additionally, these data should be considered in their entirety and Inchcape cannot be responsible for the detachment, separation, or otherwise partial use of this report.

Inchcape is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234.

If you have any further questions or comments on this report, please call your project manager as soon as possible. Thank you for using Inchcape Testing Services.

Project Manager

5/8/96
Date

This report consists of 18 pages.

GC VOA REPORT DESCRIPTION

Organic Analysis Data Sheets (OADS)
OADS forms contain tabulated results for target compounds. The OADS are grouped by method and, within each method, organized sequentially in order of increasing Inchcape Testing Services ID number.

Surrogate Recovery Summary (SRS)
SRS forms contain quality assurance data. An SRS form will be printed for each method, if the method requires surrogate compounds. They will list surrogate percent recoveries for all samples and any method blanks. Any surrogate recovery outside the established limits will be flagged with an "*", and the total number of surrogates outside the limits will be listed in the column labeled "Total Out."

Matrix Spike Recovery Form (MSR)
MSR forms contain quality assurance data. They summarize percent recovery and relative percent difference information for matrix spikes and matrix spike duplicates. This information is a statement of both accuracy and precision. Any percent recovery or relative percent difference outside established limits will be flagged with an "*", and the total number outside the limits will be listed at the bottom of the page. Not all reports will contain an MSR form.

Qualifiers
Inchcape Testing Services uses several data qualifiers (Q) in its report forms. These qualifiers give additional information on the compounds reported. They should help a data reviewer to verify the integrity of the analytical results. The following is a list of qualifiers and their meanings:

- **U** - Indicates that the compound was analyzed for, but was not detected at or above the specified reporting limit.
- **B** - Indicates that the compound was detected in the associated method blank.
- **J** - Indicates that the compound was detected at an amount below the specified reporting limit. Consequently, the amount should be considered an approximate value. Tentatively identified compounds will always have a "J" qualifier because they are not included in the instrument calibration.
- **E** - Indicates that the reported amount exceeded the linear range of the instrument calibration.
- **D** - Indicates that the compound was detected in an analysis performed at a secondary dilution.

Absence of a qualifier indicates that the compound was detected at a concentration at or above the specified reporting limit.

REPORTING CONVENTIONS

- Due to a size limitation in our data processing step, only the first eight (8) characters of your project ID and sample ID will be printed on the report forms. However, the report cover letter and report summary pages display up to twenty (20) characters of your project and sample IDs.
- Amounts reported are gross values, i.e., not corrected for method blank contamination.

REPORT SUMMARY
INCHCAPE, INC. (408)432-8192

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9604231
Date Received : 04/22/96
Project ID : SERVICE MANUF
Purchase Order: N/A
Department : GC
Sub-Department: VOA

SAMPLE INFORMATION:

INCHCAPE SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9604231- 1	1	SOIL	04/21/96	8010/8020

REPORT SUMMARY
INCHCAPE, INC. (408)432-8192

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9604231
Date Received : 04/22/96
Project ID : SERVICE MANUF
Purchase Order: N/A
Department : GC
Sub-Department: VOA

QA/QC SUMMARY :

- All holding times have been met for the analyses reported in this section.
- The surrogate recoveries for sample 1 were outside of control limits for EPA Method 8020 due to interfering hydrocarbon peaks.
- The concentrations reported for Toluene and Ethylbenzene in sample 1 from 04/29/96 were outside of the instrument linear range for EPA Method 8020. This sample was reanalyzed with all compounds reported within linear range. Both sets of data have been reported.
- The reanalysis of sample 1 reported from 05/07/96 was performed after the fourteen day hlodtime had expired.

M. Hosseini 5/7/96
Department Supervisor Date

Kamel G. Kamel 5/7/96
Chemist Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8010
ANAMETRIX, INC. (408)432-8192

Project ID : SERVICE
Sample ID : 1
Matrix : SOIL
Date Sampled : 4/21/96
Date Analyzed : 4/29/96
Instrument ID : AD14

Anametrix ID : 9604231-01
Analyst : KE
Supervisor : [illegible]
Dilution Factor : 2.0
Conc. Units : ug/Kg

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
75-71-8	Dichlorodifluoromethane	2.0	ND	U
74-87-3	Chloromethane	2.0	ND	U
75-01-4	Vinyl chloride	2.0	ND	U
74-83-9	Bromomethane	2.0	ND	U
75-00-3	Chloroethane	2.0	ND	U
75-69-4	Trichlorofluoromethane	2.0	ND	U
76-13-1	Trichlorotrifluoroethane	2.0	ND	U
75-35-4	1,1-Dichloroethene	2.0	ND	U
75-09-2	Methylene chloride	10.	ND	U
156-60-5	trans-1,2-Dichloroethene	2.0	ND	U
75-34-3	1,1-Dichloroethane	2.0	ND	U
156-59-2	cis-1,2-Dichloroethene	2.0	ND	U
67-66-3	Chloroform	2.0	ND	U
71-55-6	1,1,1-Trichloroethane	2.0	ND	U
56-23-5	Carbon tetrachloride	2.0	ND	U
107-06-2	1,2-Dichloroethane	2.0	ND	U
79-01-6	Trichloroethene	2.0	ND	U
78-87-5	1,2-Dichloropropane	2.0	ND	U
75-27-4	Bromodichloromethane	2.0	ND	U
10061-01-5	cis-1,3-Dichloropropene	2.0	ND	U
10061-02-6	trans-1,3-Dichloropropene	2.0	ND	U
79-00-5	1,1,2-Trichloroethane	2.0	ND	U
127-18-4	Tetrachloroethene	2.0	ND	U
124-48-1	Dibromochloromethane	2.0	ND	U
108-90-7	Chlorobenzene	2.0	ND	U
75-25-2	Bromoform	2.0	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	ND	U
541-73-1	1,3-Dichlorobenzene	2.0	ND	U
106-46-7	1,4-Dichlorobenzene	2.0	ND	U
95-50-1	1,2-Dichlorobenzene	2.0	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8010
ANAMETRIX, INC. (408)432-8192

Project ID : SERVIC
Sample ID : VBLKA1
Matrix : SOIL
Date Sampled : 0/ 0/ 0
Date Analyzed : 4/28/96
Instrument ID : AD14

Anametrix ID : BA2802I1
Analyst : KA
Supervisor : N

Dilution Factor : 2.0
Conc. Units : ug/Kg

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
75-71-8	Dichlorodifluoromethane	2.0	ND	U
74-87-3	Chloromethane	2.0	ND	U
75-01-4	Vinyl chloride	2.0	ND	U
74-83-9	Bromomethane	2.0	ND	U
75-00-3	Chloroethane	2.0	ND	U
75-69-4	Trichlorofluoromethane	2.0	ND	U
76-13-1	Trichlorotrifluoroethane	2.0	ND	U
75-35-4	1,1-Dichloroethene	2.0	ND	U
75-09-2	Methylene chloride	10.	ND	U
156-60-5	trans-1,2-Dichloroethene	2.0	ND	U
75-34-3	1,1-Dichloroethane	2.0	ND	U
156-59-2	cis-1,2-Dichloroethene	2.0	ND	U
67-66-3	Chloroform	2.0	ND	U
71-55-6	1,1,1-Trichloroethane	2.0	ND	U
56-23-5	Carbon tetrachloride	2.0	ND	U
107-06-2	1,2-Dichloroethane	2.0	ND	U
79-01-6	Trichloroethene	2.0	ND	U
78-87-5	1,2-Dichloropropane	2.0	ND	U
75-27-4	Bromodichloromethane	2.0	ND	U
10061-01-5	cis-1,3-Dichloropropene	2.0	ND	U
10061-02-6	trans-1,3-Dichloropropene	2.0	ND	U
79-00-5	1,1,2-Trichloroethane	2.0	ND	U
127-18-4	Tetrachloroethene	2.0	ND	U
124-48-1	Dibromochloromethane	2.0	ND	U
108-90-7	Chlorobenzene	2.0	ND	U
75-25-2	Bromoform	2.0	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	ND	U
541-73-1	1,3-Dichlorobenzene	2.0	ND	U
106-46-7	1,4-Dichlorobenzene	2.0	ND	U
95-50-1	1,2-Dichlorobenzene	2.0	ND	U

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8010
ANAMETRIX, INC. (408)432-8192

Project ID : SERVICE
Matrix : SOLID

Anametrix ID : 9604231
Analyst : LL
Supervisor : NA

	SAMPLE ID	SU1	SU2	SU3
1	VBLKA1	88	94	94
2	1	97	100	65
3				
4				
5				
6				
7				
8				
9				
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29				
30				

	QC LIMITS
SU1 = Bromochloromethane	(59-121)
SU2 = 1-Chloro-2-fluorobenze	(63-128)
SU3 = 2-Bromochlorobenzene	(38-159)

* Values outside of Anametrix QC limits

EPA METHOD 8010
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

LABORATORY CONTROL SAMPLE

Sample ID: LAB CONTROL SAMPLE
Batch: 4231
Matrix: SOIL
Date Analyzed: 4/28/96

Laboratory ID: MA2801I1
Instrument ID: AD14
Concentration Units: ug/Kg
Analyst: tc
Supervisor: NL

COMPOUND NAME	SPIKE AMOUNT	LCS REC	%REC LCS	%RECOVERY LIMITS
Trichlorotrifluoroethane	10	9.5	95%	60-125
1,1-Dichloroethene	10	9.9	99%	59-130
trans-1,2-Dichloroethene	10	9.9	99%	81-125
1,1-Dichloroethane	10	10.4	104%	78-137
cis-1,2-Dichloroethene	10	10.0	100%	72-134
1,1,1-Trichloroethane	10	10.5	105%	83-123
Trichloroethene	10	10.1	101%	81-125
Tetrachloroethene	10	10.3	103%	72-131
Chlorobenzene	10	9.7	97%	69-117
1,3-Dichlorobenzene	10	10.0	100%	63-124
1,4-Dichlorobenzene	10	10.3	103%	65-124
1,2-Dichlorobenzene	10	10.0	100%	63-124

SURROGATE NAME	SPIKE AMT	SURR. REC	% REC	% REC LIMITS
Bromochloromethane	28	26.9	96%	59-121
1-Chloro-2-fluorobenzene	28	29.8	106%	63-128
2-Bromochlorobenzene	28	28.8	103%	38-159

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8020
ANAMETRIX, INC. (408)432-8192

Project ID	: SERVICE	Anametrix ID	: 9604231-01
Sample ID	: 1	Analyst	: KK
Matrix	: SOIL	Supervisor	:
Date Sampled	: 4/21/96		
Date Analyzed	: 4/29/96	Dilution Factor	: 2.0
Instrument ID	: HP14	Conc. Units	: ug/Kg

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
71-43-2	Benzene	2.0	ND	U
108-88-3	Toluene	2.0	100.	E
108-90-7	Chlorobenzene	2.0	ND	U
100-41-4	Ethylbenzene	2.0	340.	E
1330-20-7	Total xylenes	2.0	ND	U
541-73-1	1,3-Dichlorobenzene	2.0	ND	U
106-46-7	1,4-Dichlorobenzene	2.0	ND	U
95-50-1	1,2-Dichlorobenzene	2.0	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8020
ANAMETRIX, INC. (408)432-8192

Project ID : SERVICE
Sample ID : 1
Matrix : SOIL
Date Sampled : 4/21/96
Date Analyzed : 5/ 7/96
Instrument ID : HP15

Anametrix ID : 9604231-01
Analyst : [illegible]
Supervisor : [illegible]

Dilution Factor : 50.0
Conc. Units : ug/Kg

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
71-43-2	Benzene	25.	ND	U
108-88-3	Toluene	25.	ND	U
108-90-7	Chlorobenzene	25.	ND	U
100-41-4	Ethylbenzene	25.	51.	
1330-20-7	Total xylenes	25.	240.	
541-73-1	1,3-Dichlorobenzene	25.	ND	U
106-46-7	1,4-Dichlorobenzene	25.	ND	U
95-50-1	1,2-Dichlorobenzene	25.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8020
ANAMETRIX, INC. (408)432-8192

Project ID : SERVIC
Sample ID : VBLKE1
Matrix : SOIL
Date Sampled : 0/ 0/ 0
Date Analyzed : 4/28/96
Instrument ID : HP14

Anametrix ID : BA2802I3
Analyst : [illegible]
Supervisor : [illegible]

Dilution Factor : 2.0
Conc. Units : ug/Kg

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
71-43-2	Benzene	2.0	ND	U
108-88-3	Toluene	2.0	ND	U
108-90-7	Chlorobenzene	2.0	ND	U
100-41-4	Ethylbenzene	2.0	ND	U
1330-20-7	Total xylenes	2.0	ND	U
541-73-1	1,3-Dichlorobenzene	2.0	ND	U
106-46-7	1,4-Dichlorobenzene	2.0	ND	U
95-50-1	1,2-Dichlorobenzene	2.0	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8020
ANAMETRIX, INC. (408)432-8192

Project ID	: SERVIC	Anametrix ID	: BY0604I3
Sample ID	: VBLKB1	Analyst	:
Matrix	: SOIL	Supervisor	:
Date Sampled	: 0/ 0/ 0		
Date Analyzed	: 5/ 6/96	Dilution Factor	: 50.0
Instrument ID	: HP15	Conc. Units	: ug/Kg

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
71-43-2	Benzene	25.	ND	U
108-88-3	Toluene	25.	ND	U
108-90-7	Chlorobenzene	25.	ND	U
100-41-4	Ethylbenzene	25.	ND	U
1330-20-7	Total xylenes	25.	ND	U
541-73-1	1,3-Dichlorobenzene	25.	ND	U
106-46-7	1,4-Dichlorobenzene	25.	ND	U
95-50-1	1,2-Dichlorobenzene	25.	ND	U

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8020
ANAMETRIX, INC. (408)432-8192

Project ID : SERVICE
Matrix : SOLID

Anametrix ID : 9604231
Analyst : KA
Supervisor : DH

	SAMPLE ID	SU1	SU2	SU3
1	VBLKE1	98	93	
2	1	184 *	264 *	
3				
4				
5				
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29				
30				

	QC LIMITS
SU1 = 1-Chloro-2-fluorobenze	(42-153)
SU2 = 2-Bromochlorobenzene	(38-140)

* Values outside of Anametrix QC limits

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8020
ANAMETRIX, INC. (408)432-8192

Project ID : SERVICE
Matrix : SOLID

Anametrix ID : 9604231
Analyst : KG
Supervisor : MJ

	SAMPLE ID	SU1	SU2	SU3
1	VBLKB1	95	90	
2	1	97	95	
3				
4				
5				
6				
7				
8				
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29				
30				

	QC LIMITS
SU1 = 1-Chloro-2-fluorobenze	(33-121)
SU2 = 2-Bromochlorobenzene	(30-125)

* Values outside of Anametrix QC limits

EPA METHOD 8020
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

LABORATORY CONTROL SAMPLE REPORT

Sample ID: LAB CONTROL SAMPLE
Batch: 4231
Matrix: SOIL
Date Analyzed: 4/28/96

Laboratory ID: MA2801I3
Instrument ID: HP14
Concentration Units: ug/Kg
Analyst: KA
Supervisor: JL

COMPOUND NAME	SPIKE AMT	LCS REC	%REC LCS	%RECOVERY LIMITS
Benzene	10	9.8	98%	62-133
Toluene	10	9.8	98%	73-116
Chlorobenzene	10	9.7	97%	78-127
Ethylbenzene	10	9.6	96%	72-118
Total Xylenes	30	29.3	98%	69-113
1,3-Dichlorobenzene	10	9.6	96%	73-119
1,4-Dichlorobenzene	10	9.7	97%	68-121
1,2-Dichlorobenzene	10	9.6	96%	73-115

SURROGATE NAME	SPIKE AMT	SURR. REC	%REC	% REC LIMITS
1-Chloro-2-fluorobenzene	28.0	28.5	102%	68-113
2-Bromochlorobenzene	28.0	27.8	99%	52-146

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8020
ANAMETRIX, INC. (408)432-8192

Project ID : SERVICE
Matrix : SOLID

Anametrix ID : 9604231
Analyst : KG
Supervisor : NL

	SAMPLE ID	SU1	SU2	SU3
1	VBLKB1	95	90	
2	1	97	95	
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
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29				
30				

	QC LIMITS
SU1 = 1-Chloro-2-fluorobenze	(33-121)
SU2 = 2-Bromochlorobenzene	(30-125)

* Values outside of Anametrix QC limits

EPA METHOD 8020
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

LABORATORY CONTROL SAMPLE REPORT

Sample ID: LAB CONTROL SAMPLE
Batch: 4231
Matrix: SOIL
Date Analyzed: 4/28/96

Laboratory ID: MA2801I3
Instrument ID: HP14
Concentration Units: ug/Kg
Analyst: ka
Supervisor: [signature]

COMPOUND NAME	SPIKE AMT	LCS REC	%REC LCS	%RECOVERY LIMITS
Benzene	10	9.8	98%	62-133
Toluene	10	9.8	98%	73-116
Chlorobenzene	10	9.7	97%	78-127
Ethylbenzene	10	9.6	96%	72-118
Total Xylenes	30	29.3	98%	69-113
1,3-Dichlorobenzene	10	9.6	96%	73-119
1,4-Dichlorobenzene	10	9.7	97%	68-121
1,2-Dichlorobenzene	10	9.6	96%	73-115

SURROGATE NAME	SPIKE AMT	SURR. REC	%REC	% REC LIMITS
1-Chloro-2-fluorobenzene	28.0	28.5	102%	68-113
2-Bromochlorobenzene	28.0	27.8	99%	52-146

EPA METHOD 8020
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

LABORATORY CONTROL SAMPLE REPORT

Sample ID: LAB CONTROL SAMPLE
Batch: 4231
Matrix: WATER
Date Analyzed: 5/6/96

Laboratory ID: My0601I3
Instrument ID: HP15
Concentration Units: ug/L
Analyst: LC
Supervisor: SL

COMPOUND NAME	SPIKE AMT	LCS REC	%REC LCS	%RECOVERY LIMITS
Benzene	10	9.3	93%	74-133
Toluene	10	9.2	92%	75-132
Chlorobenzene	10	9.4	94%	72-133
Ethylbenzene	10	9.2	92%	74-135
Total Xylenes	30	26.9	90%	73-129
1,3-Dichlorobenzene	10	9.0	90%	70-132
1,4-Dichlorobenzene	10	8.9	89%	71-130
1,2-Dichlorobenzene	10	9.4	94%	71-132

SURROGATE NAME	SPIKE AMT	SURR. REC	%REC	% REC LIMITS
1-Chloro-2-fluorobenzene	22.4	22.1	99%	63-123
2-Bromochlorobenzene	22.4	20.7	92%	54-134

10

Inchcape Testing Services
Anametrix Laboratories

San Jose, CA 95131
(408) 432-8192 • Fax (408) 432-8198

CHAIN-OF-CUSTODY RECORD

PROJECT NUMBER	PROJECT NAME					Number of Cntnrs	Type of Containers	Type of Analysis												Condition of Samples	Initial
	Service Manuf.							8010	8020												
Send Report Attention of: Tom Price		Report Due / /	Verbal Due / /																		
Sample Number	Date	Time	Comp	Matrix	Station Location																
(1) 1	4/21/96	2:30		S	VP-1	1	Steel pipe 1"	✓	✓												

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Tom Price	4/22/96 9:12 AM	[signature]	4/22/96 9:12 AM
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Date/Time	Received by Lab:	Date/Time

Remarks: Normal Turn Around Time.

COMPANY: Environmental Testing & mgmt.
ADDRESS: 2916 Magliocco Dr. Suite #2
SAN JOSE CA 95128
PHONE : FAX :

Inchcape Testing Services
Environmental Laboratories

SAMPLE RECEIVING CHECKLIST

Workorder Number: 9604231 **Client Project ID:** Service Manuf

Cooler

Shipping documentation present? If YES, enter Carrier and Airbill #:	YES	NO	(N/A)
Custody Seal on the outside of cooler? Condition: Intact Broken	YES	NO	(N/A)
Temperature of sample(s) within range? List temperatures of cooler(s): 21° Note: If all samples taken within previous 4 hr, circle N/A and place in sample storage area as soon as possible.	YES	(NO)	N/A

Samples

Chain of custody seal present for each container? Condition: Intact Broken	YES	NO	(N/A)
Samples arrived within holding time?	(YES)	NO	N/A
Samples in proper containers for methods requested? Condition of containers: Intact ✓ Broken ____ If NO, were samples transferred to proper container(s)?	(YES)	NO	
Were VOA containers received with zero headspace? If NO, was it noted on the chain of custody?	YES	NO	(N/A)
Were container labels complete? (ID, date, time, preservative)	(YES)	NO	N/A
Were samples properly preserved? If NO, was the preservative added at time of receipt?	YES	NO	(N/A)
pH check of samples required at time of receipt? If YES, pH checked and recorded by:	YES	(NO)	
Sufficient amount of sample received for methods requested? If NO, has the client or PM been notified?	(YES)	NO	
Field blanks received with sample batch?	YES	NO	(N/A)
Trip blanks received with sample batch?	YES	NO	(N/A)

Chain of Custody

Chain of custody form received with samples?	(YES)	NO
Has it been filled out completely and in ink?	(YES)	NO
Sample IDs on chain of custody form agree with labels?	(YES)	NO
Number of containers on chain agree with number received?	(YES)	NO
Analysis methods specified?	(YES)	NO
Sampling date and time indicated?	(YES)	NO
Proper signatures of sampler, courier and custodian in appropriate spaces? With time and date?	(YES)	NO
Turnaround time? Standard ✓ Rush		

Any NO responses and/or any BROKEN that was checked must be detailed in a Corrective Action Form.

Sample Custodian: MH Date: 4/24/96 Project Manager: [signature] Date: 4/24/96

F:\forms\newscr.doc

Inchcape Testing Services
Environmental Laboratories

1961 Concourse Drive
Suite E
San Jose, CA 95131
Tel: 408-432-8192
Fax: 408-432-8198

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9604284
Date Received : 04/25/96
Project ID : SERVICE MANUFACTU
Purchase Order: N/A

The following samples were received at Inchcape for analysis :

ANAMETRIX ID	CLIENT SAMPLE ID
9604284- 1	P-1-4
9604284- 2	P-5-9
9604284- 3	P-10
9604284- 4	P-10A
9604284- 5	P-11-12
9604284- 6	P-13
9604284- 7	P-14
9604284- 8	P-15
9604284- 9	P-15W
9604284-10	P-16
9604284-11	P-17
9604284-12	P-18

This report is organized in sections according to the specific Inchcape laboratory group which performed the analysis(es) and generated the data.

The results contained within this report relate to only the sample(s) tested. Additionally, these data should be considered in their entirety and Inchcape cannot be responsible for the detachment, separation, or otherwise partial use of this report.

Inchcape is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234.

If you have any further questions or comments on this report, please call your project manager as soon as possible. Thank you for using Inchcape Testing Services.

Project Manager

5/3/96.
Date

This report consists of 11 pages.

ANAMETRIX REPORT DESCRIPTION
INORGANICS

Analytical Data Report (ADR)

The ADR contains tabulated results for inorganic analytes. All field samples, QC samples and blanks were prepared and analyzed according to procedures in the following references:

- "Test Methods for Evaluating Solid Waste," SW-846, EPA, 3rd Edition, November 1986.
- "Methods for Chemical Analysis of Water and Wastes," EPA, 3rd Edition, 1983.
- CCR Title 22, Section 66261, Appendix II, California Waste Extraction Test.
- CCR Title 22, Section 66261, Appendix XI, Organic Lead.
- "Standard Methods for the Examination of Water and Wastewater," APHA, AWWA, WEF, 18th Edition, 1992.
- USEPA Contract Laboratory Program Statement of Work for Inorganic Analyses, ILM02.1, 1991.

Matrix Spike Report (MSR)

The MSR summarizes percent recovery and relative percent difference information for matrix spikes and matrix spike duplicates. This information is a statement of both accuracy and precision. MSRs may not be provided with all analytical reports. Anametrix control limit for MSR is 75-125% with 25% for RPD limits, except for Method 6010A, which is 80-120% with 25% RPD limits.

Laboratory Control Sample Report (LCSR)

The LCSR summarizes percent recovery information for laboratory control spikes on reagent water or soil. This information is a statement of performance for the method, i.e., the samples are properly prepared and analyzed according to the applicable methods. Anametrix control limit for LCSR is 80-120%.

Method Blank Report (MBR)

The MBR summarizes quality control information for reagents used in preparing samples. The absolute value of each analyte measured in the method blank should be below the method reporting limit for that analyte.

Post Digestion Spike Report (PDSR)

The PDSR summarizes percent recovery information for post digestion spikes. A post digestion spike is performed for a particular analyte if the matrix spike recovery is outside of established control limits. Any percent recovery for a post digestion spike outside of established limits for an analyte indicates probable matrix effects and interferences for that analyte. Anametrix control limit for PDSR is 75-125%.

Qualifiers (Q)

Anametrix uses several data qualifiers in inorganic reports. These qualifiers give additional information on the analytes reported. The following is a list of qualifiers and their meanings:

- I - Sample was analyzed at the stated dilution due to interferences.
- U - Analyte concentration was below the method reporting limit. For matrix and post digestion spike reports, a value of "0.0" is entered for calculation of the percent recovery.
- B - Sample concentration was below the reporting limit but above the instrument detection limit. Result is entered for calculation of the percent recovery only.
- H - Spike percent recovery was outside of Anametrix control limits due to interferences from relatively high concentration level of the analyte in the unspiked sample.
- L - Reporting limit was increased to compensate for background absorbances or matrix interferences.

Comment Codes

In addition to qualifiers, the following codes are used in the comment section of all reports to give additional information about sample preparation methods:

- A - Sample was prepared for silver based on the silver digestion method developed by the Southern California Laboratory, Department of Health Services, "Acid Digestion for Sediments, Sludges, Soils and Solid Wastes. A Proposed Alternative to EPA SW846, Method 3050." Environmental Science and Technology, 1989, 23, 898-900.
- T - Spikes were prepared after extraction by the Toxicity Characteristic Leaching Procedure (TCLP).
- C - Spikes were prepared after extraction by the California Waste Extraction Test (CWET) method.
- D - Reported results are dissolved, not total, metals.

Reporting Conventions

Analytical values reported are gross values, i.e., <u>not</u> corrected for method blank contamination. Solid matrices are reported on a wet weight basis, unless specifically requested otherwise.

REPORT SUMMARY
INCHCAPE, INC. (408)432-8192

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9604284
Date Received : 04/25/96
Project ID : SERVICE MANUFACTUR
Purchase Order: N/A
Department : METALS
Sub-Department: METALS

SAMPLE INFORMATION:

INCHCAPE SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9604284- 1	P-1-4	SOLID	04/23/96	6010
9604284- 2	P-5-9	SOLID	04/23/96	6010
9604284- 3	P-10	SOLID	04/23/96	6010
9604284- 4	P-10A	SOLID	04/23/96	6010
9604284- 5	P-11-12	SOLID	04/23/96	6010
9604284- 6	P-13	SOLID	04/23/96	6010
9604284- 7	P-14	SOLID	04/23/96	6010
9604284- 8	P-15	SOLID	04/23/96	6010
9604284- 9	P-15W	SOLID	04/23/96	6010
9604284-10	P-16	SOLID	04/23/96	6010
9604284-11	P-17	SOLID	04/23/96	6010
9604284-12	P-18	SOLID	04/23/96	6010

REPORT SUMMARY
INCHCAPE, INC. (408)432-8192

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9604284
Date Received : 04/25/96
Project ID : SERVICE MANUFACTUR
Purchase Order: N/A
Department : METALS
Sub-Department: METALS

QA/QC SUMMARY :

- All holding times have been met for the analyses reported in this section.

Mona Kamel for 05/08/96
Department Supervisor Date

Chemist 5/7/96
Date

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192

DATA REPORT

Analyte-Method: Lead-6010A
Client Project Number: SERVICE MANUFACTURE
Matrix - Units: SOLID - mg/Kg

SDG #: N/A
Analyst: [illegible]
Supervisor: [illegible]

ITS-SJ Sample ID	Client Sample ID	Prep. Method	Instr. ID	Date Sampled	Date Prepared	Date Analyzed	D.F.	Reporting Limit	Results	Q
9604284-01	P-1-4	3050A	ICP2	04/23/96	05/02/96	05/05/96	20	80.0	5180	
9604284-02	P-5-9	3050A	ICP2	04/23/96	05/02/96	05/05/96	1	4.0	443	
9604284-03	P-10	3050A	ICP2	04/23/96	05/02/96	05/05/96	50	200	15800	
9604284-04	P-10A	3050A	ICP2	04/23/96	05/02/96	05/05/96	50	200	19400	
9604284-05	P-11-12	3050A	ICP2	04/23/96	05/02/96	05/05/96	50	200	13400	
9604284-06	P-13	3050A	ICP2	04/23/96	05/02/96	05/05/96	100	400	33200	
9604284-07	P-14	3050A	ICP2	04/23/96	05/02/96	05/05/96	10	40.0	1140	
9604284-08	P-15	3050A	ICP2	04/23/96	05/02/96	05/05/96	10	40.0	729	
9604284-09	P-15W	3050A	ICP2	04/23/96	05/02/96	05/05/96	10	40.0	699	
9604284-10	P-16	3050A	ICP2	04/23/96	05/02/96	05/05/96	50	200	11600	
9604284-11	P-17	3050A	ICP2	04/23/96	05/02/96	05/05/96	20	80.0	5750	
9604284-12	P-18	3050A	ICP2	04/23/96	05/02/96	05/05/96	50	200	14000	
BY026SA	METHOD BLANK	3050A	ICP2	N/A	05/02/96	05/04/96	1	4.0	ND	

COMMENTS:

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192

SAMPLE DUPLICATE REPORT

ITS-SJ Sample ID: 9604284-11D
Client Sample ID: P-17
Client Project Number: SERVICE MANUFACTURE
Matrix: SOLID

SDG #: N/A
Analyst:
Supervisor:

Analyte	Prep. Method	Analyt. Method	Instr. ID	Date Prepared	Date Analyzed	Dil. Factor	Units	Sample Conc.	Sample Duplicate Conc.	RPD	Q
Lead	3050A	6010A	ICP2	05/02/96	05/05/96	20	mg/Kg	5750	5520	4.1	

COMMENTS:

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192
MATRIX SPIKE REPORT

ITS-SJ Sample ID: 9604284-11MS,MD
Client Sample ID: P-17
Client Proj. Number: SERVICE MANUFACTURE
Matrix: SOLID

SDG #: N/A
Analyst:
Supervisor:

Analyte	Analyt. Method	Instr. I.D.	Date Prepared	Date Analyzed	Units	Spike Amount	Sample Conc.	Matrix Spike Conc.	% Rec.	Matrix Sp. Dup. Conc.	% Rec.	RPD	Q
Lead	6010A	ICP2	05/02/96	05/05/96	mg/Kg	50.0	5750	6710	NR	6000	NR	11.2	H

COMMENTS: NR - Not reported due to high level of analyte concentration in the sample compared to spiked amount.

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192

LABORATORY CONTROL SAMPLE REPORT

ITS-SJ Sample ID: LY026SA
Client Sample ID: N/A
ITS-SJ WO #: 9604284
Client Project Number: SERVICE MANUFACTURE
Matrix: SOLID

SDG #: N/A
Analyst:
Supervisor: MU

Analyte	Prep. Method	Analytical Method	Instr. ID	Date Prepared	Date Analyzed	Dil. Factor	Units	Spike Amount	LCS Results	% Recovery	Q
Lead	3050A	6010A	ICP2	05/02/96	05/04/96	1	mg/Kg	50.0	46.4	92.8	

COMMENTS:

Inchcape Testing Services
Anametrix Laboratories
1961 Concourse Drive, Suite E
San Jose, CA 95131
(408) 432-8192 • Fax (408) 432-8198

CHAIN-OF-CUSTODY RECORD

PROJECT NUMBER | PROJECT NAME: Service Manuf.

Send Report Attention of: Tom Price | Report Due: / / | Verbal Due: / /

	Sample Number	Date	Time	Comp	Matrix	Station Location	Number of Cntnrs	Type of Containers	Type of Analysis: Archive	Composite	Total Pb								Condition of Samples	Initial
1	P-1	4/23/96	240			~~Plastic Bagg~~	~~Plastic~~ 3	Plastic Baggie	✓	✓										
2	P-2	"	250					"	✓	✓										
3	P-3	"	255					"	✓	✓	① ✓									
4	P-4	"	300					"	✓	✓										
5	P-5	"	312					"	✓	✓									separate from asphalt?	
6	P-6	"	320					"	✓	✓										
7	P-7	"	325					"	✓	✓										
8	P-8	"	335					"	✓	✓	② ✓									
9	P-9	"	340					"	✓	✓										
10	P-10	"	342					"			✓	③								
11	P-10a	"	342					"			✓	④								

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Tom Price	4/25/96 1243		
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Date/Time	Received by Lab	Date/Time
			4.25.96 1243

Remarks: Please composite only part of samples, and archive the other part for possible future analysis. Normal Turn Around Time. Thank you.

COMPANY: Environmental Testing & Mgmt.
ADDRESS: 2916 Maggiocco Dr. Suite #3
PHONE: San Jose CA FAX: 95128

22

Inchcape Testing Services
Anametrix Laboratories

1961 Concourse Drive, Suite E
San Jose, CA 95131
(408) 432-8192 • Fax (408) 432-8198

CHAIN-OF-CUSTODY RECORD

PROJECT NUMBER	PROJECT NAME	Send Report Attention of:	Report Due	Verbal Due
	Service Manufacturing	Tom Price	/ /	/ /

Sample Number	Date	Time	Comp	Matrix	Station Location	Number of Cntnrs	Type of Containers	Type of Analysis: Archive	Composite	Total Pb	Condition of Samples	Initial
(12) P-11	4/23/96	350				1	Plastic Baggie	✓	✓	(5) ✓		
(13) P-12	"	357				1	"	✓	✓			
(14) P-13	"	358				1	"			✓ (6)		
(15) P-14	"	407				1	"			✓ (7)		
(16) P-15	"	422				1	"			✓ (8)		
(17) P-15W	"	415				1	"			✓ (9)		
(18) P-16	"	425				1	"			✓ (10)		
(19) P-17	"	428				1	"			✓ (11)		
(20) P-18	"	445				1	"			✓ (12)		

Relinquished by:(Signature)	Date/Time	Received by: (Signature)	Date/Time
Tom Price	4/25/96 1245		
Relinquished by:(Signature)	Date/Time	Received by: (Signature)	Date/Time
Relinquished by:(Signature)	Date/Time	Received by Lab:	Date/Time
			4:25 96 12 45

Remarks: Please composite only part of samples, and archive the other part for possible future analysis. Normal Turn Around Time. Thank you.

COMPANY: Environmental Testing & Mgmt.
ADDRESS: 2916 Magliocco Dr. Suite #2
PHONE San Jose, CA 95128 FAX :

22

Inchcape Testing Services
Environmental Laboratories

SAMPLE RECEIVING CHECKLIST

Workorder Number: 9604284 **Client Project ID:** Service Manufacturing

Cooler

Shipping documentation present? If YES, enter Carrier and Airbill #:	YES	NO	(N/A)
Custody Seal on the outside of cooler? Condition: Intact ____ Broken ____	YES	NO	(N/A)
Temperature of sample(s) within range? List temperatures of cooler(s): 22.6 Note: If all samples taken within previous 4 hr, circle N/A and place in sample storage area as soon as possible.	YES	(NO)	N/A

Samples

Chain of custody seal present for each container? Condition: Intact ____ Broken ____	YES	NO	(N/A)
Samples arrived within holding time?	(YES)	NO	N/A
Samples in proper containers for methods requested? Condition of containers: Intact ✓ Broken ____ If NO, were samples transferred to proper container(s)?	(YES)	NO	
Were VOA containers received with zero headspace? If NO, was it noted on the chain of custody?	YES	NO	(N/A)
Were container labels complete? (ID, date, time, preservative)	(YES)	NO	N/A
Were samples properly preserved? If NO, was the preservative added at time of receipt?	YES	NO	(N/A)
pH check of samples required at time of receipt? If YES, pH checked and recorded by:	YES	(NO)	
Sufficient amount of sample received for methods requested? If NO, has the client or PM been notified?	(YES)	NO	
Field blanks received with sample batch?	YES	NO	(N/A)
Trip blanks received with sample batch?	YES	NO	(N/A)

Chain of Custody

Chain of custody form received with samples?	(YES)	NO	
Has it been filled out completely and in ink?	(YES)	NO	
Sample IDs on chain of custody form agree with labels?	(YES)	NO	
Number of containers on chain agree with number received?	(YES)	NO	
Analysis methods specified?	(YES)	NO	
Sampling date and time indicated?	(YES)	NO	
Proper signatures of sampler, courier and custodian in appropriate spaces? With time and date?	(YES)	NO	
Turnaround time? Standard ✓ Rush			

Any NO responses and/or any BROKEN that was checked must be detailed in a Corrective Action Form.

Sample Custodian: JP Date: 4/25/96 Project Manager: [signature] Date: 4/26/96

f:\forms\newscr.doc

Inchcape Testing Services
Environmental Laboratories

1961 Concourse Drive
Suite E
San Jose, CA 95131
Tel: 408-452-8192
Fax: 408-452-8198

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9604283
Date Received : 04/25/96
Project ID : SERVICE MANUFACTU
Purchase Order: N/A

The following samples were received at Inchcape for analysis :

ANAMETRIX ID	CLIENT SAMPLE ID
9604283- 1	STDRAIN1
9604283- 2	SDRAIN1A
9604283- 3	GUTTER-1
9604283- 4	SUMP-1
9604283- 5	VP-6

This report is organized in sections according to the specific Inchcape laboratory group which performed the analysis(es) and generated the data.

The results contained within this report relate to only the sample(s) tested. Additionally, these data should be considered in their entirety and Inchcape cannot be responsible for the detachment, separation, or otherwise partial use of this report.

Inchcape is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234.

If you have any further questions or comments on this report, please call your project manager as soon as possible. Thank you for using Inchcape Testing Services.

Project Manager

5/14/96
Date

This report consists of 37 pages.

GC VOA REPORT DESCRIPTION

Organic Analysis Data Sheets (OADS)
OADS forms contain tabulated results for target compounds. The OADS are grouped by method and, within each method, organized sequentially in order of increasing Inchcape Testing Services ID number.

Surrogate Recovery Summary (SRS)
SRS forms contain quality assurance data. An SRS form will be printed for each method, if the method requires surrogate compounds. They will list surrogate percent recoveries for all samples and any method blanks. Any surrogate recovery outside the established limits will be flagged with an "*", and the total number of surrogates outside the limits will be listed in the column labeled "Total Out."

Matrix Spike Recovery Form (MSR)
MSR forms contain quality assurance data. They summarize percent recovery and relative percent difference information for matrix spikes and matrix spike duplicates. This information is a statement of both accuracy and precision. Any percent recovery or relative percent difference outside established limits will be flagged with an "*", and the total number outside the limits will be listed at the bottom of the page. Not all reports will contain an MSR form.

Qualifiers
Inchcape Testing Services uses several data qualifiers (Q) in its report forms. These qualifiers give additional information on the compounds reported. They should help a data reviewer to verify the integrity of the analytical results. The following is a list of qualifiers and their meanings:

- **U** - Indicates that the compound was analyzed for, but was not detected at or above the specified reporting limit.
- **B** - Indicates that the compound was detected in the associated method blank.
- **J** - Indicates that the compound was detected at an amount below the specified reporting limit. Consequently, the amount should be considered an approximate value. Tentatively identified compounds will always have a "J" qualifier because they are not included in the instrument calibration.
- **E** - Indicates that the reported amount exceeded the linear range of the instrument calibration.
- **D** - Indicates that the compound was detected in an analysis performed at a secondary dilution.

Absence of a qualifier indicates that the compound was detected at a concentration at or above the specified reporting limit.

REPORTING CONVENTIONS

- Due to a size limitation in our data processing step, only the first eight (8) characters of your project ID and sample ID will be printed on the report forms. However, the report cover letter and report summary pages display up to twenty (20) characters of your project and sample IDs.
- Amounts reported are gross values, i.e., not corrected for method blank contamination.

REPORT SUMMARY
INCHCAPE, INC. (408)432-8192

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9604283
Date Received : 04/25/96
Project ID : SERVICE MANUFACTUR
Purchase Order: N/A
Department : GC
Sub-Department: VOA

SAMPLE INFORMATION:

INCHCAPE SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9604283- 1	STDRAIN1	SOIL	04/23/96	8010/8020
9604283- 4	SUMP-1	WATER	04/23/96	8010/8020
9604283- 5	VP-6	WATER	04/23/96	8010/8020

REPORT SUMMARY
INCHCAPE, INC. (408)432-8192

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9604283
Date Received : 04/25/96
Project ID : SERVICE MANUFACTUR
Purchase Order: N/A
Department : GC
Sub-Department: VOA

QA/QC SUMMARY :

- All holding times have been met for the analyses reported in this section.
- The recovery for the surrogate 2-Bromochlorobenzene was outside of control limits due to matrix effects in the 8010 analysis of sample STDRAIN1. The sample was reanalyzed and similar results were obtained. Both sets of data have been reported.

M. Hossein 5/14/96
Department Supervisor Date

Kamel G. Kamel 5/14/96
Chemist Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8010
ANAMETRIX, INC. (408)432-8192

Project ID	: SERVICE	Anametrix ID	: 9604283-01
Sample ID	: STDRAIN1	Analyst	: KK
Matrix	: SOIL	Supervisor	: DL
Date Sampled	: 4/25/96		
Date Analyzed	: 5/ 7/96	Dilution Factor	: 2.0
Instrument ID	: AD14	Conc. Units	: ug/Kg

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
75-71-8	Dichlorodifluoromethane	2.0	ND	U
74-87-3	Chloromethane	2.0	ND	U
75-01-4	Vinyl chloride	2.0	ND	U
74-83-9	Bromomethane	2.0	ND	U
75-00-3	Chloroethane	2.0	ND	U
75-69-4	Trichlorofluoromethane	2.0	ND	U
76-13-1	Trichlorotrifluoroethane	2.0	ND	U
75-35-4	1,1-Dichloroethene	2.0	ND	U
75-09-2	Methylene chloride	10.	ND	U
156-60-5	trans-1,2-Dichloroethene	2.0	ND	U
75-34-3	1,1-Dichloroethane	2.0	ND	U
156-59-2	cis-1,2-Dichloroethene	2.0	ND	U
67-66-3	Chloroform	2.0	ND	U
71-55-6	1,1,1-Trichloroethane	2.0	ND	U
56-23-5	Carbon tetrachloride	2.0	ND	U
107-06-2	1,2-Dichloroethane	2.0	ND	U
79-01-6	Trichloroethene	2.0	ND	U
78-87-5	1,2-Dichloropropane	2.0	ND	U
75-27-4	Bromodichloromethane	2.0	ND	U
10061-01-5	cis-1,3-Dichloropropene	2.0	ND	U
10061-02-6	trans-1,3-Dichloropropene	2.0	ND	U
79-00-5	1,1,2-Trichloroethane	2.0	ND	U
127-18-4	Tetrachloroethene	2.0	ND	U
124-48-1	Dibromochloromethane	2.0	ND	U
108-90-7	Chlorobenzene	2.0	ND	U
75-25-2	Bromoform	2.0	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	ND	U
541-73-1	1,3-Dichlorobenzene	2.0	ND	U
106-46-7	1,4-Dichlorobenzene	2.0	ND	U
95-50-1	1,2-Dichlorobenzene	2.0	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8010
ANAMETRIX, INC. (408)432-8192

Project ID : SERVICE
Sample ID : STDRAIN1RE
Matrix : SOIL
Date Sampled : 4/25/96
Date Analyzed : 5/ 7/96
Instrument ID : AD14

Anametrix ID : 9604283-01
Analyst : KR
Supervisor : DL

Dilution Factor : 2.0
Conc. Units : ug/Kg

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
75-71-8	Dichlorodifluoromethane	2.0	ND	U
74-87-3	Chloromethane	2.0	ND	U
75-01-4	Vinyl chloride	2.0	ND	U
74-83-9	Bromomethane	2.0	ND	U
75-00-3	Chloroethane	2.0	ND	U
75-69-4	Trichlorofluoromethane	2.0	ND	U
76-13-1	Trichlorotrifluoroethane	2.0	ND	U
75-35-4	1,1-Dichloroethene	2.0	ND	U
75-09-2	Methylene chloride	10.	ND	U
156-60-5	trans-1,2-Dichloroethene	2.0	ND	U
75-34-3	1,1-Dichloroethane	2.0	ND	U
156-59-2	cis-1,2-Dichloroethene	2.0	ND	U
67-66-3	Chloroform	2.0	ND	U
71-55-6	1,1,1-Trichloroethane	2.0	ND	U
56-23-5	Carbon tetrachloride	2.0	ND	U
107-06-2	1,2-Dichloroethane	2.0	ND	U
79-01-6	Trichloroethene	2.0	ND	U
78-87-5	1,2-Dichloropropane	2.0	ND	U
75-27-4	Bromodichloromethane	2.0	ND	U
10061-01-5	cis-1,3-Dichloropropene	2.0	ND	U
10061-02-6	trans-1,3-Dichloropropene	2.0	ND	U
79-00-5	1,1,2-Trichloroethane	2.0	ND	U
127-18-4	Tetrachloroethene	2.0	ND	U
124-48-1	Dibromochloromethane	2.0	ND	U
108-90-7	Chlorobenzene	2.0	ND	U
75-25-2	Bromoform	2.0	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	ND	U
541-73-1	1,3-Dichlorobenzene	2.0	ND	U
106-46-7	1,4-Dichlorobenzene	2.0	ND	U
95-50-1	1,2-Dichlorobenzene	2.0	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8010
ANAMETRIX, INC. (408)432-8192

Project ID : SERVICE
Sample ID : SUMP-1
Matrix : WATER
Date Sampled : 4/23/96
Date Analyzed : 5/ 5/96
Instrument ID : AD15

Anametrix ID : 9604283-04
Analyst : KL
Supervisor : DH

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
75-71-8	Dichlorodifluoromethane	1.0	ND	U
74-87-3	Chloromethane	1.0	ND	U
75-01-4	Vinyl chloride	.50	ND	U
74-83-9	Bromomethane	.50	ND	U
75-00-3	Chloroethane	.50	ND	U
75-69-4	Trichlorofluoromethane	.50	ND	U
76-13-1	Trichlorotrifluoroethane	.50	ND	U
75-35-4	1,1-Dichloroethene	.50	ND	U
75-09-2	Methylene chloride	1.0	ND	U
156-60-5	trans-1,2-Dichloroethene	.50	ND	U
75-34-3	1,1-Dichloroethane	.50	ND	U
156-59-2	cis-1,2-Dichloroethene	.50	ND	U
67-66-3	Chloroform	.50	ND	U
71-55-6	1,1,1-Trichloroethane	.50	ND	U
56-23-5	Carbon tetrachloride	.50	ND	U
107-06-2	1,2-Dichloroethane	.50	ND	U
79-01-6	Trichloroethene	.50	ND	U
78-87-5	1,2-Dichloropropane	.50	ND	U
75-27-4	Bromodichloromethane	.50	ND	U
110-75-8	2-Chloroethylvinylether	1.0	ND	U
10061-01-5	cis-1,3-Dichloropropene	.50	ND	U
10061-02-6	trans-1,3-Dichloropropene	.50	ND	U
79-00-5	1,1,2-Trichloroethane	.50	ND	U
127-18-4	Tetrachloroethene	.50	ND	U
124-48-1	Dibromochloromethane	.50	ND	U
108-90-7	Chlorobenzene	.50	ND	U
75-25-2	Bromoform	.50	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	.50	ND	U
541-73-1	1,3-Dichlorobenzene	.50	ND	U
106-46-7	1,4-Dichlorobenzene	.50	ND	U
95-50-1	1,2-Dichlorobenzene	.50	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8010
ANAMETRIX, INC. (408)432-8192

Project ID	: SERVICE	Anametrix ID	: 9604283-05
Sample ID	: VP-6	Analyst	:
Matrix	: WATER	Supervisor	:
Date Sampled	: 4/23/96		
Date Analyzed	: 5/ 5/96	Dilution Factor	: 1.0
Instrument ID	: AD15	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
75-71-8	Dichlorodifluoromethane	1.0	ND	U
74-87-3	Chloromethane	1.0	ND	U
75-01-4	Vinyl chloride	.50	ND	U
74-83-9	Bromomethane	.50	ND	U
75-00-3	Chloroethane	.50	ND	U
75-69-4	Trichlorofluoromethane	.50	ND	U
76-13-1	Trichlorotrifluoroethane	.50	ND	U
75-35-4	1,1-Dichloroethene	.50	ND	U
75-09-2	Methylene chloride	1.0	ND	U
156-60-5	trans-1,2-Dichloroethene	.50	ND	U
75-34-3	1,1-Dichloroethane	.50	ND	U
156-59-2	cis-1,2-Dichloroethene	.50	ND	U
67-66-3	Chloroform	.50	ND	U
71-55-6	1,1,1-Trichloroethane	.50	ND	U
56-23-5	Carbon tetrachloride	.50	ND	U
107-06-2	1,2-Dichloroethane	.50	ND	U
79-01-6	Trichloroethene	.50	ND	U
78-87-5	1,2-Dichloropropane	.50	ND	U
75-27-4	Bromodichloromethane	.50	ND	U
110-75-8	2-Chloroethylvinylether	1.0	ND	U
10061-01-5	cis-1,3-Dichloropropene	.50	ND	U
10061-02-6	trans-1,3-Dichloropropene	.50	ND	U
79-00-5	1,1,2-Trichloroethane	.50	ND	U
127-18-4	Tetrachloroethene	.50	ND	U
124-48-1	Dibromochloromethane	.50	ND	U
108-90-7	Chlorobenzene	.50	ND	U
75-25-2	Bromoform	.50	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	.50	ND	U
541-73-1	1,3-Dichlorobenzene	.50	ND	U
106-46-7	1,4-Dichlorobenzene	.50	ND	U
95-50-1	1,2-Dichlorobenzene	.50	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8010
ANAMETRIX, INC. (408)432-8192

Project ID	: SERVIC	Anametrix ID	: BY0403I1
Sample ID	: VBLKA1	Analyst	:
Matrix	: WATER	Supervisor	:
Date Sampled	: 0/ 0/ 0		
Date Analyzed	: 5/ 4/96	Dilution Factor	: 1.0
Instrument ID	: AD15	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
75-71-8	Dichlorodifluoromethane	1.0	ND	U
74-87-3	Chloromethane	1.0	ND	U
75-01-4	Vinyl chloride	.50	ND	U
74-83-9	Bromomethane	.50	ND	U
75-00-3	Chloroethane	.50	ND	U
75-69-4	Trichlorofluoromethane	.50	ND	U
76-13-1	Trichlorotrifluoroethane	.50	ND	U
75-35-4	1,1-Dichloroethene	.50	ND	U
75-09-2	Methylene chloride	1.0	ND	U
156-60-5	trans-1,2-Dichloroethene	.50	ND	U
75-34-3	1,1-Dichloroethane	.50	ND	U
156-59-2	cis-1,2-Dichloroethene	.50	ND	U
67-66-3	Chloroform	.50	ND	U
71-55-6	1,1,1-Trichloroethane	.50	ND	U
56-23-5	Carbon tetrachloride	.50	ND	U
107-06-2	1,2-Dichloroethane	.50	ND	U
79-01-6	Trichloroethene	.50	ND	U
78-87-5	1,2-Dichloropropane	.50	ND	U
75-27-4	Bromodichloromethane	.50	ND	U
110-75-8	2-Chloroethylvinylether	1.0	ND	U
10061-01-5	cis-1,3-Dichloropropene	.50	ND	U
10061-02-6	trans-1,3-Dichloropropene	.50	ND	U
79-00-5	1,1,2-Trichloroethane	.50	ND	U
127-18-4	Tetrachloroethene	.50	ND	U
124-48-1	Dibromochloromethane	.50	ND	U
108-90-7	Chlorobenzene	.50	ND	U
75-25-2	Bromoform	.50	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	.50	ND	U
541-73-1	1,3-Dichlorobenzene	.50	ND	U
106-46-7	1,4-Dichlorobenzene	.50	ND	U
95-50-1	1,2-Dichlorobenzene	.50	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8010
ANAMETRIX, INC. (408)432-8192

Project ID : SERVIC
Sample ID : VBLKA2
Matrix : SOIL
Date Sampled : 0/ 0/ 0
Date Analyzed : 5/ 7/96
Instrument ID : AD14

Anametrix ID : BY0702I1
Analyst : ee
Supervisor : Nh

Dilution Factor : 2.0
Conc. Units : ug/Kg

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
75-71-8	Dichlorodifluoromethane	2.0	ND	U
74-87-3	Chloromethane	2.0	ND	U
75-01-4	Vinyl chloride	2.0	ND	U
74-83-9	Bromomethane	2.0	ND	U
75-00-3	Chloroethane	2.0	ND	U
75-69-4	Trichlorofluoromethane	2.0	ND	U
76-13-1	Trichlorotrifluoroethane	2.0	ND	U
75-35-4	1,1-Dichloroethene	2.0	ND	U
75-09-2	Methylene chloride	10.	ND	U
156-60-5	trans-1,2-Dichloroethene	2.0	ND	U
75-34-3	1,1-Dichloroethane	2.0	ND	U
156-59-2	cis-1,2-Dichloroethene	2.0	ND	U
67-66-3	Chloroform	2.0	ND	U
71-55-6	1,1,1-Trichloroethane	2.0	ND	U
56-23-5	Carbon tetrachloride	2.0	ND	U
107-06-2	1,2-Dichloroethane	2.0	ND	U
79-01-6	Trichloroethene	2.0	ND	U
78-87-5	1,2-Dichloropropane	2.0	ND	U
75-27-4	Bromodichloromethane	2.0	ND	U
10061-01-5	cis-1,3-Dichloropropene	2.0	ND	U
10061-02-6	trans-1,3-Dichloropropene	2.0	ND	U
79-00-5	1,1,2-Trichloroethane	2.0	ND	U
127-18-4	Tetrachloroethene	2.0	ND	U
124-48-1	Dibromochloromethane	2.0	ND	U
108-90-7	Chlorobenzene	2.0	ND	U
75-25-2	Bromoform	2.0	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	ND	U
541-73-1	1,3-Dichlorobenzene	2.0	ND	U
106-46-7	1,4-Dichlorobenzene	2.0	ND	U
95-50-1	1,2-Dichlorobenzene	2.0	ND	U

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8010
ANAMETRIX, INC. (408)432-8192

Project ID : SERVICE
Matrix : LIQUID

Anametrix ID : 9604283
Analyst : kk
Supervisor : JL

	SAMPLE ID	SU1	SU2	SU3
1	VBLKA1	104	104	96
2	SUMP-1	96	95	91
3	VP-6	96	97	96
4				
5				
6				
7				
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9				
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	QC LIMITS
SU1 = Bromochloromethane	(33-141)
SU2 = 1-Chloro-2-fluorobenze	(53-125)
SU3 = 2-Bromochlorobenzene	(60-118)

* Values outside of Anametrix QC limits

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8010
ANAMETRIX, INC. (408)432-8192

Project ID : SERVICE
Matrix : SOLID

Anametrix ID : 9604283
Analyst : RR
Supervisor : PL

	SAMPLE ID	SU1	SU2	SU3
1	VBLKA2	97	102	99
2	STDRAIN1	90	75	35 *
3	STDRAIN1RE	103	78	29 *
4				
5				
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27				
28				
29				
30				

	QC LIMITS
SU1 = Bromochloromethane	(59-121)
SU2 = 1-Chloro-2-fluorobenze	(63-128)
SU3 = 2-Bromochlorobenzene	(38-159)

* Values outside of Anametrix QC limits

EPA METHOD 8010
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

LABORATORY CONTROL SAMPLE

Sample ID: LAB CONTROL SAMPLE
Batch: 4283
Matrix: WATER
Date Analyzed: 5/4/96

Laboratory ID: MY0401I1
Instrument ID: AD15
Concentration Units: ug/L
Analyst: LA
Supervisor: JV

COMPOUND NAME	SPIKE AMOUNT	LCS REC	%REC LCS	%RECOVERY LIMITS
Trichlorotrifluoroethane	20	21.2	106%	65-116
1,1-Dichloroethene	20	21.1	106%	64-125
trans-1,2-Dichloroethene	20	20.9	105%	77-113
1,1-Dichloroethane	20	22.2	111%	85-129
cis-1,2-Dichloroethene	20	22.3	112%	78-130
1,1,1-Trichloroethane	20	21.3	107%	83-125
Trichloroethene	20	20.4	102%	76-124
Tetrachloroethene	20	22.7	114%	80-118
Chlorobenzene	20	22.4	112%	81-130
1,3-Dichlorobenzene	20	22.2	111%	82-115
1,4-Dichlorobenzene	20	22.1	111%	85-122
1,2-Dichlorobenzene	20	22.1	111%	86-122

SURROGATE NAME	SPIKE AMT	SURR. REC	% REC	% REC LIMITS
Bromochloromethane	22.4	24.8	111%	33-141
1-Chloro-2-fluorobenzene	22.4	23.8	106%	53-125
2-Bromochlorobenzene	22.4	23.8	106%	60-118

EPA METHOD 8010
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

LABORATORY CONTROL SAMPLE

Sample ID: LAB CONTROL SAMPLE
Batch: 4283
Matrix: SOIL
Date Analyzed: 5/7/96

Laboratory ID: MY0701I1
Instrument ID: AD14
Concentration Units: ug/Kg
Analyst: KA
Supervisor:

COMPOUND NAME	SPIKE AMOUNT	LCS REC	%REC LCS	%RECOVERY LIMITS
Trichlorotrifluoroethane	20	21.6	108%	60-125
1,1-Dichloroethene	20	22.6	113%	59-130
trans-1,2-Dichloroethene	20	24.9	125%	81-125
1,1-Dichloroethane	20	24.0	120%	78-137
cis-1,2-Dichloroethene	20	23.1	116%	72-134
1,1,1-Trichloroethane	20	21.6	108%	83-123
Trichloroethene	20	22.9	115%	81-125
Tetrachloroethene	20	22.1	111%	72-131
Chlorobenzene	20	21.6	108%	69-117
1,3-Dichlorobenzene	20	21.4	107%	63-124
1,4-Dichlorobenzene	20	21.4	107%	65-124
1,2-Dichlorobenzene	20	22.2	111%	63-124

SURROGATE NAME	SPIKE AMT	SURR. REC	% REC	% REC LIMITS
Bromochloromethane	28	29.5	105%	59-121
1-Chloro-2-fluorobenzene	28	29.8	106%	63-128
2-Bromochlorobenzene	28	30.8	110%	38-159

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8020
ANAMETRIX, INC. (408)432-8192

oject ID : SERVICE
ample ID : STDRAIN1
Matrix : SOIL
te Sampled : 4/23/96
te Analyzed : 5/ 7/96
Instrument ID : HP14

Anametrix ID : 9604283-01
Analyst : EA
Supervisor : DH

Dilution Factor : 2.0
Conc. Units : ug/Kg

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
71-43-2	Benzene	2.0	ND	U
108-88-3	Toluene	2.0	ND	U
108-90-7	Chlorobenzene	2.0	ND	U
100-41-4	Ethylbenzene	2.0	ND	U
1330-20-7	Total xylenes	2.0	3.8	
541-73-1	1,3-Dichlorobenzene	2.0	ND	U
106-46-7	1,4-Dichlorobenzene	2.0	ND	U
95-50-1	1,2-Dichlorobenzene	2.0	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8020
ANAMETRIX, INC. (408)432-8192

Project ID	: SERVICE	Anametrix ID	: 9604283-04
Sample ID	: SUMP-1	Analyst	:
Matrix	: WATER	Supervisor	:
Date Sampled	: 4/23/96		
Date Analyzed	: 5/ 5/96	Dilution Factor	: 1.0
Instrument ID	: HP15	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
71-43-2	Benzene	.50	ND	U
108-88-3	Toluene	.50	ND	U
108-90-7	Chlorobenzene	.50	ND	U
100-41-4	Ethylbenzene	.50	ND	U
1330-20-7	Total xylenes	.50	2.3	
541-73-1	1,3-Dichlorobenzene	.50	ND	U
106-46-7	1,4-Dichlorobenzene	.50	ND	U
95-50-1	1,2-Dichlorobenzene	.50	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8020
ANAMETRIX, INC. (408)432-8192

Project ID	: SERVICE	Anametrix ID	: 9604283-05
Sample ID	: VP-6	Analyst	:
Matrix	: WATER	Supervisor	:
Date Sampled	: 4/23/96		
Date Analyzed	: 5/ 5/96	Dilution Factor	: 1.0
Instrument ID	: HP15	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
71-43-2	Benzene	.50	ND	U
108-88-3	Toluene	.50	ND	U
108-90-7	Chlorobenzene	.50	ND	U
100-41-4	Ethylbenzene	.50	ND	U
1330-20-7	Total xylenes	.50	ND	U
541-73-1	1,3-Dichlorobenzene	.50	ND	U
106-46-7	1,4-Dichlorobenzene	.50	ND	U
95-50-1	1,2-Dichlorobenzene	.50	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8020
ANAMETRIX, INC. (408)432-8192

[r]ect ID	: SERVIC	Anametrix ID	: BY0403I3
[s]ample ID	: VBLKB1	Analyst	: RK
atrix	: WATER	Supervisor	: M
[d]e Sampled	: 0/ 0/ 0		
[d]e Analyzed	: 5/ 4/96	Dilution Factor	: 1.0
nstrument ID	: HP15	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
71-43-2	Benzene	.50	ND	U
108-88-3	Toluene	.50	ND	U
108-90-7	Chlorobenzene	.50	ND	U
100-41-4	Ethylbenzene	.50	ND	U
1330-20-7	Total xylenes	.50	ND	U
541-73-1	1,3-Dichlorobenzene	.50	ND	U
106-46-7	1,4-Dichlorobenzene	.50	ND	U
95-50-1	1,2-Dichlorobenzene	.50	ND	U

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8020
ANAMETRIX, INC. (408)432-8192

Project ID : SERVICE
Matrix : LIQUID

Anametrix ID : 9604283
Analyst : LL
Supervisor : AA

	SAMPLE ID	SU1	SU2	SU3
1	VBLKB1	94	91	
2	SUMP-1	93	91	
3	VP-6	93	92	
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	QC LIMITS
SU1 = 1-Chloro-2-fluorobenze	(63-123)
SU2 = 2-Bromochlorobenzene	(54-134)

* Values outside of Anametrix QC limits

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8020
ANAMETRIX, INC. (408)432-8192

Project ID : SERVICE
Matrix : SOLID

Anametrix ID : 9604283
Analyst : KA
Supervisor : JD

	SAMPLE ID	SU1	SU2	SU3
1	VBLKE1	99	98	
2	STDRAIN1	75	39	
3				
4				
5				
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	QC LIMITS
SU1 = 1-Chloro-2-fluorobenze	(42-153)
SU2 = 2-Bromochlorobenzene	(38-140)

* Values outside of Anametrix QC limits

EPA METHOD 8020
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

LABORATORY CONTROL SAMPLE REPORT

Sample ID: LAB CONTROL SAMPLE
Batch: 4283
Matrix: WATER
Date Analyzed: 5/4/96

Laboratory ID: My0401I3
Instrument ID: HP15
Concentration Units: ug/L
Analyst: ec
Supervisor: NL

COMPOUND NAME	SPIKE AMT	LCS REC	%REC LCS	%RECOVERY LIMITS
Benzene	20	20.2	101%	74-133
Toluene	20	20.1	101%	75-132
Chlorobenzene	20	19.8	99%	72-133
Ethylbenzene	20	20.3	102%	74-135
Total Xylenes	60	60.0	100%	73-129
1,3-Dichlorobenzene	20	19.5	98%	70-132
1,4-Dichlorobenzene	20	19.6	98%	71-130
1,2-Dichlorobenzene	20	19.8	99%	71-132

SURROGATE NAME	SPIKE AMT	SURR. REC	%REC	% REC LIMITS
1-Chloro-2-fluorobenzene	22.4	22.6	101%	63-123
2-Bromochlorobenzene	22.4	21.5	96%	54-134

EPA METHOD 8020
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

LABORATORY CONTROL SAMPLE REPORT

Sample ID: LAB CONTROL SAMPLE
Batch: 4283
Matrix: SOIL
Date Analyzed: 5/7/96

Laboratory ID: MY0701I3
Instrument ID: HP14
Concentration Units: ug/Kg
Analyst: KA
Supervisor: [illegible]

COMPOUND NAME	SPIKE AMT	LCS REC	%REC LCS	%RECOVERY LIMITS
Benzene	20	20.9	105%	62-133
Toluene	20	20.9	105%	73-116
Chlorobenzene	20	21.2	106%	78-127
Ethylbenzene	20	20.5	103%	72-118
Total Xylenes	60	58.6	98%	69-113
1,3-Dichlorobenzene	20	21.2	106%	73-119
1,4-Dichlorobenzene	20	20.2	101%	68-121
1,2-Dichlorobenzene	20	21.4	107%	73-115

SURROGATE NAME	SPIKE AMT	SURR. REC	%REC	% REC LIMITS
1-Chloro-2-fluorobenzene	28.0	28.5	102%	68-113
2-Bromochlorobenzene	28.0	28.5	102%	52-146

ANAMETRIX REPORT DESCRIPTION
INORGANICS

Analytical Data Report (ADR)

The ADR contains tabulated results for inorganic analytes. All field samples, QC samples and blanks were prepared and analyzed according to procedures in the following references:

- "Test Methods for Evaluating Solid Waste," SW-846, EPA, 3rd Edition, November 1986.
- "Methods for Chemical Analysis of Water and Wastes," EPA, 3rd Edition, 1983.
- CCR Title 22, Section 66261, Appendix II, California Waste Extraction Test.
- CCR Title 22, Section 66261, Appendix XI, Organic Lead.
- "Standard Methods for the Examination of Water and Wastewater," APHA, AWWA, WEF, 18th Edition, 1992.
- USEPA Contract Laboratory Program Statement of Work for Inorganic Analyses, ILM02.1, 1991.

Matrix Spike Report (MSR)

The MSR summarizes percent recovery and relative percent difference information for matrix spikes and matrix spike duplicates. This information is a statement of both accuracy and precision. MSRs may not be provided with all analytical reports. Anametrix control limit for MSR is 75-125% with 25% for RPD limits, except for Method 6010A, which is 80-120% with 25% RPD limits.

Laboratory Control Sample Report (LCSR)

The LCSR summarizes percent recovery information for laboratory control spikes on reagent water or soil. This information is a statement of performance for the method, i.e., the samples are properly prepared and analyzed according to the applicable methods. Anametrix control limit for LCSR is 80-120%.

Method Blank Report (MBR)

The MBR summarizes quality control information for reagents used in preparing samples. The absolute value of each analyte measured in the method blank should be below the method reporting limit for that analyte.

Post Digestion Spike Report (PDSR)

The PDSR summarizes percent recovery information for post digestion spikes. A post digestion spike is performed for a particular analyte if the matrix spike recovery is outside of established control limits. Any percent recovery for a post digestion spike outside of established limits for an analyte indicates probable matrix effects and interferences for that analyte. Anametrix control limit for PDSR is 75-125%.

Qualifiers (Q)

Anametrix uses several data qualifiers in inorganic reports. These qualifiers give additional information on the analytes reported. The following is a list of qualifiers and their meanings:

- I - Sample was analyzed at the stated dilution due to interferences.
- U - Analyte concentration was below the method reporting limit. For matrix and post digestion spike reports, a value of "0.0" is entered for calculation of the percent recovery.
- B - Sample concentration was below the reporting limit but above the instrument detection limit. Result is entered for calculation of the percent recovery only.
- H - Spike percent recovery was outside of Anametrix control limits due to interferences from relatively high concentration level of the analyte in the unspiked sample.
- L - Reporting limit was increased to compensate for background absorbances or matrix interferences.

Comment Codes

In addition to qualifiers, the following codes are used in the comment section of all reports to give additional information about sample preparation methods:

- A - Sample was prepared for silver based on the silver digestion method developed by the Southern California Laboratory, Department of Health Services, "Acid Digestion for Sediments, Sludges, Soils and Solid Wastes. A Proposed Alternative to EPA SW846, Method 3050." Environmental Science and Technology, 1989, 23, 898-900.
- T - Spikes were prepared after extraction by the Toxicity Characteristic Leaching Procedure (TCLP).
- C - Spikes were prepared after extraction by the California Waste Extraction Test (CWET) method.
- D - Reported results are dissolved, not total, metals.

Reporting Conventions

Analytical values reported are gross values, i.e., <u>not</u> corrected for method blank contamination. Solid matrices are reported on a wet weight basis, unless specifically requested otherwise.

REPORT SUMMARY
INCHCAPE, INC. (408)432-8192

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9604283
Date Received : 04/25/96
Project ID : SERVICE MANUFACTUR
Purchase Order: N/A
Department : METALS
Sub-Department: METALS

SAMPLE INFORMATION:

INCHCAPE SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9604283- 2	SDRAIN1A	SOIL	04/23/96	CWET-INORG
9604283- 2	SDRAIN1A	SOIL	04/23/96	CWETMETALS
9604283- 3	GUTTER-1	WATER	04/23/96	RCRA
9604283- 4	SUMP-1	WATER	04/23/96	RCRA

Section 2

REPORT SUMMARY
INCHCAPE, INC. (408)432-8192

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9604283
Date Received : 04/25/96
Project ID : SERVICE MANUFACTUR
Purchase Order: N/A
Department : METALS
Sub-Department: METALS

QA/QC SUMMARY :

- All holding times have been met for the analyses reported in this section.

Mona Kamel for 05/13/96
Department Supervisor Date

Chemist 5/7/96 Date

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192
DATA REPORT

ITS-SJ Sample ID: 9604283-02
Client Sample ID: SDRAIN1A
Client Project Number: SERVICE MANUFACTURE
Matrix: SOIL

SDG #: N/A
Date Sampled: 04/23/96
Analyst: TV
Supervisor: MW

Analyte	Prep. Method	Analytical Method	Instr. ID	Date Prepared	Date Analyzed	Dil. Factor	Units	Reporting Limit	Results	Q
Arsenic-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	0.10	ND	
Barium-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	1.0	4.1	
Cadmium-STLC	CWET	6010A	ICP2	05/02/96	05/09/96	20	mg/L	0.10	ND	I
Chromium-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	0.10	2.3	
Lead-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	0.030	1.9	
Mercury-STLC	7470A	7470A	HGA2	05/03/96	05/06/96	1	mg/L	0.00020	ND	
Selenium-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	20	mg/L	0.20	ND	I
Silver-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	0.10	ND	

COMMENTS:

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192
DATA REPORT

ITS-SJ Sample ID: 9604283-03
Client Sample ID: GUTTER-1
Client Project Number: SERVICE MANUFACTURE
Matrix: WATER

SDG #: N/A
Date Sampled: 04/23/96
Analyst:
Supervisor:

Analyte	Prep. Method	Analytical Method	Instr. ID	Date Prepared	Date Analyzed	Dil. Factor	Units	Reporting Limit	Results	Q
Arsenic	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	10.0	ND	
Barium	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	100	276	
Cadmium	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	5.0	ND	
Chromium	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	10.0	44.9	
Lead	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	3.0	108	
Mercury	7470A	7470A	HGA2	05/01/96	05/03/96	1	ug/L	0.20	0.29	
Selenium	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	5.0	ND	
Silver	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	10.0	ND	

COMMENTS: "A"

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192
DATA REPORT

ITS-SJ Sample ID: 9604283-04
Client Sample ID: SUMP-1
Client Project Number: SERVICE MANUFACTURE
Matrix: WATER

SDG #: N/A
Date Sampled: 04/23/96
Analyst: TV
Supervisor: TMC

Analyte	Prep. Method	Analytical Method	Instr. ID	Date Prepared	Date Analyzed	Dil. Factor	Units	Reporting Limit	Results	Q
Arsenic	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	10.0	ND	
Barium	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	100	ND	
Cadmium	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	5.0	ND	
Chromium	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	10.0	22.9	
Lead	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	3.0	ND	
Mercury	7470A	7470A	HGA2	05/01/96	05/03/96	1	ug/L	0.20	ND	
Selenium	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	5.0	ND	
Silver	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	10.0	ND	

COMMENTS: "A"

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192

METHOD BLANK REPORT

ITS-SJ Sample ID: BY026EA, BY036EA
Client Sample ID: N/A
ITS-SJ WO #: 9604283
Client Project Number: SERVICE MANUFACTURE
Matrix: SOIL

SDG #: N/A
Analyst: [illegible]
Supervisor: [illegible]

Analyte	Prep. Method	Analytical Method	Instr. ID	Date Prepared	Date Analyzed	Dil. Factor	Units	Reporting Limit	Results	Q
Arsenic-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	0.10	ND	
Barium-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	1.0	ND	
Cadmium-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	0.050	ND	
Chromium-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	0.10	ND	
Lead-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	0.030	ND	
Mercury-STLC	7470A	7470A	HGA2	05/03/96	05/06/96	1	mg/L	0.00020	ND	
Selenium-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	0.20	ND	
Silver-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	0.10	ND	

COMMENTS:

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192

METHOD BLANK REPORT

ITS-SJ Sample ID: BY016WA, BY016WB
Client Sample ID: N/A
ITS-SJ WO #: 9604283
Client Project Number: SERVICE MANUFACTURE
Matrix: WATER

SDG #: N/A
Analyst:
Supervisor:

Analyte	Prep. Method	Analytical Method	Instr. ID	Date Prepared	Date Analyzed	Dil. Factor	Units	Reporting Limit	Results	Q
Arsenic	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	10.0	ND	
Barium	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	100	ND	
Cadmium	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	5.0	ND	
Chromium	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	10.0	ND	
Lead	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	3.0	ND	
Mercury	7470A	7470A	HGA2	05/01/96	05/03/96	1	ug/L	0.20	ND	
Selenium	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	5.0	ND	
Silver	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	10.0	ND	

COMMENTS: "A"

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192

SAMPLE DUPLICATE REPORT

ITS-SJ Sample ID: 9604283-02D
Client Sample ID: SDRAIN1A
Client Project Number: SERVICE MANUFACTURE
Matrix: SOIL

SDG #: N/A
Analyst: TV
Supervisor: MK

Analyte	Prep. Method	Analyt. Method	Instr. ID	Date Prepared	Date Analyzed	Dil. Factor	Units	Sample Conc.	Sample Duplicate Conc.	RPD	Q
Arsenic-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	ND	ND	N/A	
Barium-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	4.1	4.0	2.5	
Cadmium-STLC	CWET	6010A	ICP2	05/02/96	05/09/96	20	mg/L	ND	ND	N/A	I
Chromium-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	2.3	2.4	4.3	
Lead-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	1.9	1.9	0.0	
Mercury-STLC	7470A	7470A	HGA2	05/03/96	05/06/96	1	mg/L	ND	ND	N/A	
Selenium-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	20	mg/L	ND	ND	N/A	I
Silver-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	ND	ND	N/A	

COMMENTS:

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192
MATRIX SPIKE REPORT

ITS-SJ Sample ID: 9604283-02MS
Client Sample ID: SDRAIN1A
Client Proj. Number: SERVICE MANUFACTURE
Matrix: SOIL

SDG #: N/A
Analyst:
Supervisor:

Analyte	Analyt. Method	Instr. I.D.	Date Prepared	Date Analyzed	Units	Spike Amount	Sample Conc.	Matrix Spike Conc.	% Rec.				Q
Arsenic-STLC	6010A	ICP2	05/05/96	05/05/96	mg/L	5.0	0.0	5.2	104				U
Barium-STLC	6010A	ICP2	05/05/96	05/05/96	mg/L	25.0	4.1	27.7	94.4				
Cadmium-STLC	6010A	ICP2	05/09/96	05/09/96	mg/L	1.0	0.0	0.92	92.0				U,I
Chromium-STLC	6010A	ICP2	05/05/96	05/05/96	mg/L	5.0	2.3	7.1	96.0				
Lead-STLC	6010A	ICP2	05/05/96	05/05/96	mg/L	5.0	1.9	6.6	94.0				
Mercury-STLC	7470A	HGA2	05/03/96	05/06/96	mg/L	0.050	0.0	0.045	90.0				U
Selenium-STLC	6010A	ICP2	05/05/96	05/05/96	mg/L	1.0	0.0	1.2	120				U,I
Silver-STLC	6010A	ICP2	05/05/96	05/05/96	mg/L	5.0	0.0	4.9	98.0				U

COMMENTS: "C"

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192

LABORATORY CONTROL SAMPLE REPORT

ITS-SJ Sample ID: LY036EA, LY056EA
Client Sample ID: N/A
ITS-SJ WO #: 9604283
Client Project Number: SERVICE MANUFACTURE
Matrix: SOIL

SDG #: N/A
Analyst:
Supervisor:

Analyte	Prep. Method	Analytical Method	Instr. ID	Date Prepared	Date Analyzed	Dil. Factor	Units	Spike Amount	LCS Results	% Recovery	Q
Arsenic-STLC	CWET	6010A	ICP2	05/05/96	05/05/96	10	mg/L	5.0	5.2	104	
Barium-STLC	CWET	6010A	ICP2	05/05/96	05/05/96	10	mg/L	25.0	23.9	95.6	
Cadmium-STLC	CWET	6010A	ICP2	05/05/96	05/05/96	10	mg/L	1.0	0.94	94.0	
Chromium-STLC	CWET	6010A	ICP2	05/05/96	05/05/96	10	mg/L	5.0	4.8	96.0	
Lead-STLC	CWET	6010A	ICP2	05/05/96	05/05/96	10	mg/L	5.0	4.8	96.0	
Mercury-STLC	7470A	7470A	HGA2	05/03/96	05/06/96	1	mg/L	0.050	0.050	100	
Selenium-STLC	CWET	6010A	ICP2	05/05/96	05/05/96	10	mg/L	1.0	1.2	120	
Silver-STLC	CWET	6010A	ICP2	05/05/96	05/05/96	10	mg/L	5.0	4.9	98.0	

COMMENTS: "C"

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192

LABORATORY CONTROL SAMPLE REPORT

ITS-SJ Sample ID: LY016WA, LY016WB
Client Sample ID: N/A
ITS-SJ WO #: 9604283
Client Project Number: SERVICE MANUFACTURE
Matrix: SOIL

SDG #: N/A
Analyst:
Supervisor:

Analyte	Prep. Method	Analytical Method	Instr. ID	Date Prepared	Date Analyzed	Dil. Factor	Units	Spike Amount	LCS Results	% Recovery	Q
Arsenic	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	100	97.5	97.5	
Barium	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	2000	2000	100	
Cadmium	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	50.0	51.5	103	
Chromium	3010A	6010A-	ICP2	05/01/96	05/02/96	1	ug/L	200	197	98.5	
Lead	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	500	495	99.0	
Mercury	7470A	7470A	HGA2	05/01/96	05/03/96	1	ug/L	1.0	0.90	90.0	
Selenium	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	50.0	50.7	101	
Silver	3010A	6010A	ICP2	05/01/96	05/02/96	1	ug/L	50.0	46.7	93.4	

COMMENTS: "A"

Inchcape Testing Services
Anametrix Laboratories

1961 Concourse Drive, Suite E
San Jose, CA 95131
(408) 432-8192 • Fax (408) 432-8198

CHAIN-OF-CUSTODY RECORD

PROJECT NUMBER:

PROJECT NAME: Service Manufacturing.

Send Report Attention of: Tom Price

Report Due: / /

Verbal Due: / /

	Sample Number	Date	Time	Comp	Matrix	Station Location	Number of Cntnrs	Type of Containers	Type of Analysis: 8010/8020 Recap CAL W.E.T. RCRA 8	Condition of Samples	Initial
(1)	ST-DRAIN-1	4/23/96	220		S		1	BRASS TUBE	X		
(2)	ST-DRAIN-1A		220		S		1	SS TUBE	X		
(3)	GUTTER-1		130		W		5	~~1 POLY~~ 3 VOAS	X		
(4)	SUMP-1		155		W		4	1 POLY 3 VOA	X X		
(5)	VP-6	↓	4:55		W		2	2 VOAS	X	1 VOA w bubble 1 VOA (75% full with Sediment + H2O)	

Sampled by: (Signature) — Date/Time: 4/25/96 1237 — Received by: (Signature) — Date/Time:

Relinquished by: (Signature) — Date/Time: — Received by: (Signature) — Date/Time:

Relinquished by: (Signature) — Date/Time: — Received by Lab: — Date/Time: 4.26.96 12:37

Remarks: Normal Turn Around Time

COMPANY: Environmental Testing & Mgmt.
ADDRESS: 2916 Maglioccdr. Suite #2
PHONE: San Jose CA FAX: 9578

Inchcape Testing Services
Environmental Laboratories

SAMPLE RECEIVING CHECKLIST

Workorder Number: 9604283 **Client Project ID:** Service Manufacturing

Cooler

Shipping documentation present? If YES, enter Carrier and Airbill #:	YES	NO	(N/A)
Custody Seal on the outside of cooler? Condition: Intact Broken	YES	NO	(N/A)
Temperature of sample(s) within range? List temperatures of cooler(s): 6 c Note: If all samples taken within previous 4 hr, circle N/A and place in sample storage area as soon as possible.	(YES)	NO	N/A

Samples

Chain of custody seal present for each container? Condition: Intact Broken	YES	NO	(N/A)
Samples arrived within holding time?	(YES)	NO	N/A
Samples in proper containers for methods requested? Condition of containers: Intact X Broken ____ If NO, were samples transferred to proper container(s)? Yes	YES	(NO)	
Were VOA containers received with zero headspace? If NO, was it noted on the chain of custody? Yes	YES	(NO)	N/A
Were container labels complete? (ID, date, time, preservative)	(YES)	NO	N/A
Were samples properly preserved? If NO, was the preservative added at time of receipt?	(YES)	NO	N/A
pH check of samples required at time of receipt? If YES, pH checked and recorded by: S	(YES)	NO	
Sufficient amount of sample received for methods requested? If NO, has the client or PM been notified?	YES	(NO)	
Field blanks received with sample batch?	YES	NO	(N/A)
Trip blanks received with sample batch?	YES	NO	(N/A)

Chain of Custody

Chain of custody form received with samples?	(YES)	NO
Has it been filled out completely and in ink?	(YES)	NO
Sample IDs on chain of custody form agree with labels?	(YES)	NO
Number of containers on chain agree with number received?	(YES)	NO
Analysis methods specified?	(YES)	NO
Sampling date and time indicated?	(YES)	NO
Proper signatures of sampler, courier and custodian in appropriate spaces? With time and date?	(YES)	NO
Turnaround time? Standard R Rush		

Any NO responses and/or any BROKEN that was checked must be detailed in a Corrective Action Form.

Sample Custodian: S Date: 04/29/96 Project Manager: [signature] Date: 5/2/96

f:\forms\newscr.doc

Inchcape Testing Services
Environmental Laboratories

1961 Concourse Drive
Suite E
San Jose, CA 95131
Tel: 408-432-8192
Fax: 408-432-8198

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9604307
Date Received : 04/29/96
Project ID : SERVICE MANUFACTU
Purchase Order: N/A

The following samples were received at Inchcape for analysis :

ANAMETRIX ID	CLIENT SAMPLE ID
9604307- 1	OIL1-5
9604307- 2	OIL6-10
9604307- 3	OIL11-15

This report is organized in sections according to the specific Inchcape laboratory group which performed the analysis(es) and generated the data.

The results contained within this report relate to only the sample(s) tested. Additionally, these data should be considered in their entirety and Inchcape cannot be responsible for the detachment, separation, or otherwise partial use of this report.

Inchcape is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234.

If you have any further questions or comments on this report, please call your project manager as soon as possible. Thank you for using Inchcape Testing Services.

Project Manager

5/17/96
Date

This report consists of 13 pages.

Inchcape Testing Services
Environmental Laboratories

1961 Concourse Drive
Suite E
San Jose, CA 95131
Tel: 408-432-8192
Fax: 408-432-8198

GC/PESTICIDE REPORT DESCRIPTION

Organic Analysis Data Sheets (OADS)
OADS forms contain tabulated results for target compounds. The OADS are grouped by method and within each method, organized sequentially in order of increasing Inchcape Testing Services ID Number.

Surrogate Recovery Summary (SRS)
SRS forms contain quality assurance data. An SRS form will be printed for each method. They will list surrogate percent recoveries for all samples and any method blanks. Any surrogate recovery outside the established limits will be flagged with an "*" and the total number of surrogates outside the limits will be listed in the column labeled "Total Out."

Matrix Spike Recovery, Laboratory Control Sample Forms
These forms contain quality assurance data. They summarize percent recovery and relative percent difference information for matrix spikes, laboratory control samples and their duplicates. This information is a statement of accuracy and precision. Any percent recovery or relative percent difference outside established limits will be flagged with an "*".

Qualifiers
Inchcape Testing Services uses several data qualifiers (Q) in its report forms. These qualifiers give additional information on the compounds reported. They should help a data reviewer to verify the integrity of the analytical results. The following is a list of qualifiers and their meanings:

- **U** - Indicates that the compound was analyzed, but not detected at or above the specified reporting limit.
- **B** - Indicates that the compound was detected in the associated method blank.
- **J** - Indicates that the compound was detected at an amount below the specified reporting limit. Consequently, the amount should be considered an estimated value.
- **E** - Indicates that the amount reported exceeded the linear range of the instrument calibration.
- **D** - Indicates that the compound was detected in an analysis performed at a secondary dilution.

Absence of a qualifier indicates that the compound was detected at a concentration at or above the specified reporting limit.

REPORTING CONVENTIONS

- Due to a size limitation in our data processing step, only the first eight (8) characters of your project ID and sample ID will be printed on the report form. However, the report cover letter and report summary pages do display up to twenty (20) characters of your project and sample IDs.
- Amounts reported are gross values, i.e., not corrected for method blank contamination.

REPORT SUMMARY
INCHCAPE, INC. (408)432-8192

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9604307
Date Received : 04/29/96
Project ID : SERVICE MANUFACTUR
Purchase Order: N/A
Department : GC
Sub-Department: PEST

SAMPLE INFORMATION:

INCHCAPE SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9604307- 1	OIL1-5	WIPE	04/26/96	8080 PCB
9604307- 2	OIL6-10	WIPE	04/26/96	8080 PCB
9604307- 3	OIL11-15	WIPE	04/26/96	8080 PCB

REPORT SUMMARY
INCHCAPE, INC. (408)432-8192

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9604307
Date Received : 04/29/96
Project ID : SERVICE MANUFACTUR
Purchase Order: N/A
Department : GC
Sub-Department: PEST

QA/QC SUMMARY :

- All holding times have been met for the analyses reported in this section.
- No QA/QC problems were encountered.

5-15-96
Department Supervisor Date

May, 14th 1996
Chemist Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8080 PCB
ANAMETRIX, INC. (408)432-8192

Project ID	: SERVICE	Anametrix ID	: 9604307-01
Sample ID	: OIL1-5	Analyst	:
Matrix	: WIPE	Supervisor	:
Date Sampled	: 4/26/96		
Date Extracted	: 5/ 7/96		
Amount Extracted	: 5 WIPES		
Date Analyzed	: 5/ 9/96	Dilution Factor	: 1.0
Instrument ID	: HP22	Conc. Units	: ug/SAMPLE

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
12674-11-2	Aroclor-1016	1.0	ND	U
11104-28-2	Aroclor-1221	1.0	ND	U
11141-16-5	Aroclor-1232	1.0	ND	U
53469-21-9	Aroclor-1242	1.0	ND	U
12672-29-6	Aroclor-1248	1.0	ND	U
11097-69-1	Aroclor-1254	1.0	ND	U
11096-82-5	Aroclor-1260	1.0	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8080 PCB
ANAMETRIX, INC. (408)432-8192

oject ID : SERVICE
mple ID : OIL6-10
Matrix : WIPE
ate Sampled : 4/26/96
te Extracted : 5/ 7/96
ount Extracted : 5 WIPES
ate Analyzed : 5/ 9/96
strument ID : HP22

Anametrix ID : 9604307-02
Analyst : GP
Supervisor :

Dilution Factor : 1.0
Conc. Units : ug/SAMPLE

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
12674-11-2	Aroclor-1016	1.0	ND	U
11104-28-2	Aroclor-1221	1.0	ND	U
11141-16-5	Aroclor-1232	1.0	ND	U
53469-21-9	Aroclor-1242	1.0	ND	U
12672-29-6	Aroclor-1248	1.0	ND	U
11097-69-1	Aroclor-1254	1.0	ND	U
11096-82-5	Aroclor-1260	1.0	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8080 PCB
ANAMETRIX, INC. (408)432-8192

Project ID	: SERVICE	Anametrix ID	: 9604307-03
Sample ID	: OIL11-15	Analyst	: AP
Matrix	: WIPE	Supervisor	:
Date Sampled	: 4/26/96		
Date Extracted	: 5/ 7/96		
Amount Extracted	: 5 WIPES		
Date Analyzed	: 5/10/96	Dilution Factor	: 1.0
Instrument ID	: HP22	Conc. Units	: ug/SAMPLE

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
12674-11-2	Aroclor-1016	1.0	ND	U
11104-28-2	Aroclor-1221	1.0	ND	U
11141-16-5	Aroclor-1232	1.0	ND	U
53469-21-9	Aroclor-1242	1.0	ND	U
12672-29-6	Aroclor-1248	1.0	ND	U
11097-69-1	Aroclor-1254	1.0	ND	U
11096-82-5	Aroclor-1260	1.0	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8080 PCB
ANAMETRIX, INC. (408)432-8192

Project ID	: SERVICE	Anametrix ID	: BY07W1PF
Sample ID	: PBLK56	Analyst	: CP
Matrix	: WIPE	Supervisor	:
Date Sampled	: 0/ 0/ 0		
Date Extracted	: 5/ 7/96		
Amount Extracted	: 1 WIPE		
Date Analyzed	: 5/ 9/96	Dilution Factor	: 1.0
Instrument ID	: HP22	Conc. Units	: ug/SAMPLE

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
12674-11-2	Aroclor-1016	1.0	ND	U
11104-28-2	Aroclor-1221	1.0	ND	U
11141-16-5	Aroclor-1232	1.0	ND	U
53469-21-9	Aroclor-1242	1.0	ND	U
12672-29-6	Aroclor-1248	1.0	ND	U
11097-69-1	Aroclor-1254	1.0	ND	U
11096-82-5	Aroclor-1260	1.0	ND	U

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8080 PCB
ANAMETRIX, INC. (408)432-8192

Project ID : SERVICE
Matrix : WIPE

Anametrix ID : 9604307
Analyst :
Supervisor :

	SAMPLE ID	SU1	SU2	SU3	SU4	SU5	SU6
1	PBLK56	94	94				
2	PLCS25	92	96				
3	PLCSD26	98	101				
4	OIL1-5	78	81				
5	OIL6-10	75	86				
6	OIL11-15	72	71				
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

	QC LIMITS
SU1 = Decachlorobiphenyl	(34-135)
SU2 = Tetrachloro-m-xylene	(30-140)

* Values outside of Anametrix QC limits

LCS RECOVERY FORM -- EPA METHOD 8080 PCB
ANAMETRIX, INC. (408)432-8192

Project ID : SERVICE MANUFACTURE
Sample ID : LCS/LCSD
Matrix : WIPE
Date Sampled : 0/ 0/ 0
Date Extracted : 5/ 7/96
Date Analyzed : 5/ 9/96
Instrument ID : HP22

Anametrix ID : M/NY07W1PF
Analyst : AP
Supervisor : [signature]

COMPOUND	SPIKE ADDED (ug/WIPE)	SAMPLE CONCENTRATION (ug/WIPE)	LCS CONCENTRATION (ug/WIPE)	LCS % REC	%REC LIMITS
Aroclor-1016	5.00	.00	4.79	96	38-120
Aroclor-1260	5.00	.00	4.65	93	38-120

COMPOUND	SPIKE ADDED (ug/WIPE)	LCSD CONCENTRATION (ug/WIPE)	LCSD % REC	% RPD	RPD LIMITS	%REC LIMITS
Aroclor-1016	5.00	5.06	101	6	25	38-120
Aroclor-1260	5.00	4.87	97	5	25	38-120

* Value is outside of Anametrix QC limits

RPD: 0 out of 2 outside limits
Spike Recovery: 0 out of 4 outside limits

Inchcape Testing Services
Anametrix Laboratories
1961 Concourse Drive, Suite E
San Jose, CA 95131
(408) 432-8192 • Fax (408) 432-8198

CHAIN-OF-CUSTODY RECORD

PROJECT NUMBER | PROJECT NAME: Service Manufacturing

Send Report Attention of: Tom Price | Report Due: Std | Verbal Due: / /

Sample Number	Date	Time	Comp	Matrix	Station Location	Number of Cntnrs	Type of Containers	Type of Analysis: PCBs	Condition of Samples	Initial
Oil-1	4/26/96					1	Jar	✓		
Oil-2	"					1	"	✓		
Oil-3	"					1	"	✓		
Oil-4	"					1	"	✓		
Oil-5	"					1	"	✓		
Oil-6	"					1	"	✓		
Oil-7	"					1	"	✓		
Oil-8	"					1	"	✓		
Oil-9	"					1	"	✓		
Oil-10	"					1	"	✓		
Oil-11	"					1	"	✓		
Oil-12	"					1	"	✓		

Composite part + hold part

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Tom Price	4/29/96 13:15		
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Date/Time	Received by Lab:	Date/Time
			4-29-96 315

Remarks: Please composite only part of samples and hold part for possible future analysis.

COMPANY: Environmental Testing & Mgmt,
ADDRESS: 2916 Magliocco Dr. Suite #2
PHONE: San Jose CA FAX: 95128

Inchcape Testing Services
Anametrix Laboratories

San Jose, CA 95131
(408) 432-8192 • Fax (408) 432-8198

CHAIN-OF-CUSTODY RECORD

PROJECT NUMBER

PROJECT NAME: Service Manufacturing

Send Report Attention of: Tom Price

Report Due: Std.

Verbal Due: / /

Sample Number	Date	Time	Comp	Matrix	Station Location	Number of Cntnrs	Type of Containers	Type of Analysis: PCBs	Condition of Samples	Initial
Oil-13	4/26/96					1	Jar	✓		
Oil-14	"					1	"	✓	Composite part	
Oil-15						1	"	✓	Hold Part	

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Tom Price	4/27/96		
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Date/Time	Received by Lab:	Date/Time
			4.29.96 1315

Remarks:

COMPANY: Environmental Testing & Mgmt.
ADDRESS: 2916 Magliocco Dr. Suite #2
PHONE: San Jose, CA FAX: 95128

Inchcape Testing Services
Environmental Laboratories

SAMPLE RECEIVING CHECKLIST

Workorder Number: 9604307 **Client Project ID:** SERVICE MANIF

Cooler

Shipping documentation present? If YES, enter Carrier and Airbill #:	YES	NO	(N/A)
Custody Seal on the outside of cooler? Condition: Intact Broken	YES	NO	(N/A)
Temperature of sample(s) within range? List temperatures of cooler(s): 20° Note: If all samples taken within previous 4 hr, circle N/A and place in sample storage area as soon as possible.	YES	(NO)	N/A

Samples

Chain of custody seal present for each container? Condition: Intact Broken	YES	NO	(N/A)
Samples arrived within holding time?	(YES)	NO	N/A
Samples in proper containers for methods requested? Condition of containers: Intact ✓ Broken If NO, were samples transferred to proper container(s)?	(YES)	NO	
Were VOA containers received with zero headspace? If NO, was it noted on the chain of custody?	YES	NO	(N/A)
Were container labels complete? (ID, date, time, preservative)	(YES)	NO	N/A
Were samples properly preserved? If NO, was the preservative added at time of receipt?	YES	NO	(N/A)
pH check of samples required at time of receipt? If YES, pH checked and recorded by:	YES	(NO)	
Sufficient amount of sample received for methods requested? If NO, has the client or PM been notified?	(YES)	NO	
Field blanks received with sample batch?	YES	NO	(N/A)
Trip blanks received with sample batch?	YES	NO	(N/A)

Chain of Custody

Chain of custody form received with samples?	(YES)	NO	
Has it been filled out completely and in ink?	YES	(NO)	
Sample IDs on chain of custody form agree with labels?	(YES)	NO	
Number of containers on chain agree with number received?	(YES)	NO	
Analysis methods specified?	(YES)	NO	
Sampling date and time indicated?	YES	(NO)	
Proper signatures of sampler, courier and custodian in appropriate spaces? With time and date?	(YES)	NO	
Turnaround time? Standard ✓ Rush			

Any NO responses and/or any BROKEN that was checked must be detailed in a Corrective Action Form.

Sample Custodian: HH Date: 4/29/96 Project Manager: [signature] Date: 5/3/96

F:\forms\newscr.doc

REPORT SUMMARY
INCHCAPE, INC. (408)432-8192

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9604306
Date Received : 04/29/96
Project ID : SERVICE MANFACTURE
Purchase Order: N/A
Department : GC
Sub-Department: VOA

SAMPLE INFORMATION:

INCHCAPE SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9604306- 3	TP-2-1	WATER	04/26/96	8020

REPORT SUMMARY
INCHCAPE, INC. (408)432-8192

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9604306
Date Received : 04/29/96
Project ID : SERVICE MANFACTURE
Purchase Order: N/A
Department : GC
Sub-Department: VOA

QA/QC SUMMARY :

- All holding times have been met for the analyses reported in this section.

M. Hosseini 5/12/96
Department Supervisor Date

Kamel G. Kamel 5/13/96
Chemist Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8020
ANAMETRIX, INC. (408)432-8192

Project ID	: SERVICE	Anametrix ID	: 9604306-03
Sample ID	: TP-2-1	Analyst	:
Matrix	: WATER	Supervisor	:
Date Sampled	: 4/26/96		
Date Analyzed	: 5/ 8/96	Dilution Factor	: 1.0
Instrument ID	: HP15	Conc. Units	: ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
71-43-2	Benzene	.50	ND	U
108-88-3	Toluene	.50	ND	U
108-90-7	Chlorobenzene	.50	ND	U
100-41-4	Ethylbenzene	.50	ND	U
1330-20-7	Total xylenes	.50	ND	U
541-73-1	1,3-Dichlorobenzene	.50	ND	U
106-46-7	1,4-Dichlorobenzene	.50	ND	U
95-50-1	1,2-Dichlorobenzene	.50	ND	U

Inchcape Testing Services
Environmental Laboratories

1961 Concourse Drive
Suite E
San Jose, CA 95131
Tel: 408-452-8192
Fax: 408-452-8198

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9604306
Date Received : 04/29/96
Project ID : SERVICE MANFACTUR
Purchase Order: N/A

The following samples were received at Inchcape for analysis :

ANAMETRIX ID	CLIENT SAMPLE ID
9604306- 1	TP1-36''
9604306- 2	TP-1-1
9604306- 3	TP-2-1
9604306- 4	EQUIP.B.
9604306- 5	WG-1-2-3
9604306- 6	OG-1
9604306- 7	S-3
9604306- 8	S-4-5
9604306- 9	S-6
9604306-10	S-7

This report is organized in sections according to the specific Inchcape laboratory group which performed the analysis(es) and generated the data.

The results contained within this report relate to only the sample(s) tested. Additionally, these data should be considered in their entirety and Inchcape cannot be responsible for the detachment, separation, or otherwise partial use of this report.

Inchcape is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234.

If you have any further questions or comments on this report, please call your project manager as soon as possible. Thank you for using Inchcape Testing Services.

Project Manager

5/17/96
Date

This report consists of 47 pages.

GC/MS REPORT DESCRIPTION

Organic Analysis Data Sheets (OADS)
OADS forms contain tabulated results for target compounds. The OADS are grouped by method and within each method, organized sequentially in order of increasing Inchcape Testing Services ID Number.

Tentatively Identified Compounds (TICs)
TIC forms contain tabulated results for non-target compounds detected in GC/MS analyses. TICs must be requested at the time samples are submitted to Inchcape Testing Services. TIC forms immediately follow the OADS form for each sample. If TICs are requested but not found, then TIC forms will not be included with the report.

Surrogate Recovery Summary (SRS)
SRS forms contain quality assurance data. An SRS form will be printed for each method. They will list surrogate percent recoveries for all samples and any method blanks. Any surrogate recovery outside the established limits will be flagged with an "*" and the total number of surrogates outside the limits will be listed in the column labeled "Total Out."

Matrix Spike Recovery, Laboratory Control Sample Forms
These forms contain quality assurance data. They summarize percent recovery and relative percent difference information for matrix spikes, laboratory control samples and their duplicates. This information is a statement of accuracy and precision. Any percent recovery or relative percent difference outside established limits will be flagged with an "*".

Qualifiers
Inchcape Testing Services uses several data qualifiers (Q) in its report forms. These qualifiers give additional information on the compounds reported. They should help a data reviewer to verify the integrity of the analytical results. The following is a list of qualifiers and their meanings:

- **U** - Indicates that the compound was analyzed but not detected at or above the specified reporting limit.
- **B** - Indicates that the compound was detected in the associated method blank.
- **J** - Indicates that the compound was detected at an amount below the specified reporting limit. Consequently, the amount should be considered an estimated value.
- **E** - Indicates that the amount reported exceeded the linear range of the instrument calibration.
- **D** - Indicates that the compound was detected in an analysis performed at a secondary dilution.
- **A** - Indicates that the tentatively identified compound is a suspected aldol condensation product. This is common in EPA Method 8270 analyses.

Absence of a qualifier indicates that the compound was detected at a concentration at or above the specified reporting limit.

REPORTING CONVENTIONS

- Due to a size limitation in our data processing step, only the first eight (8) characters of your project ID and sample ID will be printed on the report form. However, the report cover letter and report summary pages do display up to twenty (20) characters of your project and sample IDs.
- Amounts reported are gross values, i.e., not corrected for method blank contamination.

REPORT SUMMARY
INCHCAPE, INC. (408)432-8192

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9604306
Date Received : 04/29/96
Project ID : SERVICE MANFACTURE
Purchase Order: N/A
Department : GCMS
Sub-Department: GCMS

SAMPLE INFORMATION:

INCHCAPE SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9604306- 1	TP1-36''	SOIL	04/26/96	8240
9604306- 2	TP-1-1	WATER	04/26/96	8240
9604306- 4	EQUIP.B.	WATER	04/26/96	8240

REPORT SUMMARY
INCHCAPE, INC. (408)432-8192

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9604306
Date Received : 04/29/96
Project ID : SERVICE MANFACTURE
Purchase Order: N/A
Department : GCMS
Sub-Department: GCMS

QA/QC SUMMARY :

- All holding times have been met for the analyses reported in this section.
- Sample TP-1-1 was measured to have a pH of 7 at the time of analysis and was analyzed within 14 days from sampling date for the EPA Method 8240 analysis.

Department Supervisor 5-10-96 Date

Chemist 5/10/96 Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
(408)432-8192

Project ID	: SERVICE MANFACTURE	Anametrix ID	: 9604306-01
Sample ID	: TP1-36"	Lab File ID	: MRA30601
Matrix	: SOIL		
Date Sampled	: 04/26/96	% Moisture	:
Date Analyzed	: 05/07/96	Dilution Factor	: 1.0
Instrument ID	: msd2.i	Conc. Units	: ug/Kg

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10	ND	U
74-83-9	Bromomethane	10	ND	U
75-01-4	Vinyl Chloride	10	ND	U
75-00-3	Chloroethane	10	ND	U
75-09-2	Methylene Chloride	5	8	
67-64-1	Acetone	20	350	
75-15-0	Carbon Disulfide	5	ND	U
75-35-4	1,1-Dichloroethene	5	ND	U
75-34-3	1,1-Dichloroethane	5	ND	U
156-59-2	Cis-1,2-Dichloroethene	5	ND	U
67-66-3	Chloroform	5	ND	U
107-06-2	1,2-Dichloroethane	5	ND	U
78-93-3	2-Butanone	20	140	
71-55-6	1,1,1-Trichloroethane	5	ND	U
56-23-5	Carbon Tetrachloride	5	ND	U
75-27-4	Bromodichloromethane	5	ND	U
78-87-5	1,2-Dichloropropane	5	ND	U
10061-01-5	cis-1,3-Dichloropropene	5	ND	U
79-01-6	Trichloroethene	5	ND	U
124-48-1	Dibromochloromethane	5	ND	U
79-00-5	1,1,2-Trichloroethane	5	ND	U
71-43-2	Benzene	5	ND	U
10061-02-6	trans-1,3-Dichloropropene	5	ND	U
75-25-2	Bromoform	5	ND	U
108-10-1	4-Methyl-2-Pentanone	10	ND	U
591-78-6	2-Hexanone	10	ND	U
127-18-4	Tetrachloroethene	5	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5	ND	U
108-88-3	Toluene	5	ND	U
108-90-7	Chlorobenzene	5	ND	U
100-41-4	Ethylbenzene	5	ND	U
100-42-5	Styrene	5	ND	U
1330-20-7	Xylene (Total)	5	ND	U
108-05-4	Vinyl acetate	5	ND	U
75-69-4	Trichlorofluoromethane	5	ND	U
76-13-1	Trichlorotrifluoroethane	5	ND	U
156-60-5	Trans-1,2-dichloroethene	5	ND	U
541-73-1	1,3-Dichlorobenzene	5	ND	U
106-46-7	1,4-Dichlorobenzene	5	ND	U
95-50-1	1,2-Dichlorobenzene	5	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
(408)432-8192

Project ID	: SERVICE MANFACTURE	Anametrix ID	: 9604306-02
Sample ID	: TP-1-1	Lab File ID	: MPA30602
Matrix	: WATER		
Date Sampled	: 04/26/96	% Moisture	:
Date Analyzed	: 05/07/96	Dilution Factor	: 1.0
Instrument ID	: msd6.i	Conc. Units	: ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10	ND	U
74-83-9	Bromomethane	10	ND	U
75-01-4	Vinyl Chloride	10	ND	U
75-00-3	Chloroethane	10	ND	U
75-09-2	Methylene Chloride	5	ND	U
67-64-1	Acetone	20	ND	U
75-15-0	Carbon Disulfide	5	13	
75-35-4	1,1-Dichloroethene	5	ND	U
75-34-3	1,1-Dichloroethane	5	ND	U
156-59-2	Cis-1,2-Dichloroethene	5	ND	U
67-66-3	Chloroform	5	ND	U
107-06-2	1,2-Dichloroethane	5	ND	U
78-93-3	2-Butanone	20	ND	U
71-55-6	1,1,1-Trichloroethane	5	ND	U
56-23-5	Carbon Tetrachloride	5	ND	U
75-27-4	Bromodichloromethane	5	ND	U
78-87-5	1,2-Dichloropropane	5	ND	U
10061-01-5	cis-1,3-Dichloropropene	5	ND	U
79-01-6	Trichloroethene	5	ND	U
124-48-1	Dibromochloromethane	5	ND	U
79-00-5	1,1,2-Trichloroethane	5	ND	U
71-43-2	Benzene	5	ND	U
10061-02-6	trans-1,3-Dichloropropene	5	ND	U
75-25-2	Bromoform	5	ND	U
108-10-1	4-Methyl-2-Pentanone	10	ND	U
591-78-6	2-Hexanone	10	ND	U
127-18-4	Tetrachloroethene	5	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5	ND	U
108-88-3	Toluene	5	ND	U
108-90-7	Chlorobenzene	5	ND	U
100-41-4	Ethylbenzene	5	ND	U
100-42-5	Styrene	5	ND	U
1330-20-7	Xylene (Total)	5	ND	U
108-05-4	Vinyl acetate	5	ND	U
75-69-4	Trichlorofluoromethane	5	ND	U
76-13-1	Trichlorotrifluoroethane	5	ND	U
156-60-5	Trans-1,2-dichloroethene	5	ND	U
541-73-1	1,3-Dichlorobenzene	5	ND	U
106-46-7	1,4-Dichlorobenzene	5	ND	U
95-50-1	1,2-Dichlorobenzene	5	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
(408)432-8192

Project ID	: SERVICE MANFACTURE	Anametrix ID	: 9604306-04
Sample ID	: EQUIP.B	Lab File ID	: MPA30604
Matrix	: WATER		
Date Sampled	: 04/26/96	% Moisture	:
Date Analyzed	: 05/07/96	Dilution Factor	: 1.0
Instrument ID	: msd6.i	Conc. Units	: ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10	ND	U
74-83-9	Bromomethane	10	ND	U
75-01-4	Vinyl Chloride	10	ND	U
75-00-3	Chloroethane	10	ND	U
75-09-2	Methylene Chloride	5	ND	U
67-64-1	Acetone	20	ND	U
75-15-0	Carbon Disulfide	5	ND	U
75-35-4	1,1-Dichloroethene	5	ND	U
75-34-3	1,1-Dichloroethane	5	ND	U
156-59-2	Cis-1,2-Dichloroethene	5	ND	U
67-66-3	Chloroform	5	ND	U
107-06-2	1,2-Dichloroethane	5	ND	U
78-93-3	2-Butanone	20	ND	U
71-55-6	1,1,1-Trichloroethane	5	ND	U
56-23-5	Carbon Tetrachloride	5	ND	U
75-27-4	Bromodichloromethane	5	ND	U
78-87-5	1,2-Dichloropropane	5	ND	U
10061-01-5	cis-1,3-Dichloropropene	5	ND	U
79-01-6	Trichloroethene	5	ND	U
124-48-1	Dibromochloromethane	5	ND	U
79-00-5	1,1,2-Trichloroethane	5	ND	U
71-43-2	Benzene	5	ND	U
10061-02-6	trans-1,3-Dichloropropene	5	ND	U
75-25-2	Bromoform	5	ND	U
108-10-1	4-Methyl-2-Pentanone	10	ND	U
591-78-6	2-Hexanone	10	ND	U
127-18-4	Tetrachloroethene	5	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5	ND	U
108-88-3	Toluene	5	ND	U
108-90-7	Chlorobenzene	5	ND	U
100-41-4	Ethylbenzene	5	ND	U
100-42-5	Styrene	5	ND	U
1330-20-7	Xylene (Total)	5	ND	U
108-05-4	Vinyl acetate	5	ND	U
75-69-4	Trichlorofluoromethane	5	ND	U
76-13-1	Trichlorotrifluoroethane	5	ND	U
156-60-5	Trans-1,2-dichloroethene	5	ND	U
541-73-1	1,3-Dichlorobenzene	5	ND	U
106-46-7	1,4-Dichlorobenzene	5	ND	U
95-50-1	1,2-Dichlorobenzene	5	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
(408)432-8192

Project ID	: SERVICE MANFACTURE	Anametrix ID	: BY0702A1
Sample ID	: VBLKCV	Lab File ID	: BY0702A1
Matrix	: SOIL		
Date Sampled	:	% Moisture	:
Date Analyzed	: 05/07/96	Dilution Factor	: 1.0
Instrument ID	: msd2.i	Conc. Units	: ug/Kg

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10	ND	U
74-83-9	Bromomethane	10	ND	U
75-01-4	Vinyl Chloride	10	ND	U
75-00-3	Chloroethane	10	ND	U
75-09-2	Methylene Chloride	5	ND	U
67-64-1	Acetone	20	ND	U
75-15-0	Carbon Disulfide	5	ND	U
75-35-4	1,1-Dichloroethene	5	ND	U
75-34-3	1,1-Dichloroethane	5	ND	U
156-59-2	Cis-1,2-Dichloroethene	5	ND	U
67-66-3	Chloroform	5	ND	U
107-06-2	1,2-Dichloroethane	5	ND	U
78-93-3	2-Butanone	20	ND	U
71-55-6	1,1,1-Trichloroethane	5	ND	U
56-23-5	Carbon Tetrachloride	5	ND	U
75-27-4	Bromodichloromethane	5	ND	U
78-87-5	1,2-Dichloropropane	5	ND	U
10061-01-5	cis-1,3-Dichloropropene	5	ND	U
79-01-6	Trichloroethene	5	ND	U
124-48-1	Dibromochloromethane	5	ND	U
79-00-5	1,1,2-Trichloroethane	5	ND	U
71-43-2	Benzene	5	ND	U
10061-02-6	trans-1,3-Dichloropropene	5	ND	U
75-25-2	Bromoform	5	ND	U
108-10-1	4-Methyl-2-Pentanone	10	ND	U
591-78-6	2-Hexanone	10	ND	U
127-18-4	Tetrachloroethene	5	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5	ND	U
108-88-3	Toluene	5	ND	U
108-90-7	Chlorobenzene	5	ND	U
100-41-4	Ethylbenzene	5	ND	U
100-42-5	Styrene	5	ND	U
1330-20-7	Xylene (Total)	5	ND	U
108-05-4	Vinyl acetate	5	ND	U
75-69-4	Trichlorofluoromethane	5	ND	U
76-13-1	Trichlorotrifluoroethane	5	ND	U
156-60-5	Trans-1,2-dichloroethene	5	ND	U
541-73-1	1,3-Dichlorobenzene	5	ND	U
106-46-7	1,4-Dichlorobenzene	5	ND	U
95-50-1	1,2-Dichlorobenzene	5	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
(408)432-8192

Project ID	: SERVICE MANFACTURE	Anametrix ID	: BY0701A2
Sample ID	: VBLKCX	Lab File ID	: BY0701A2
Matrix	: WATER		
Date Sampled	:	% Moisture	:
Date Analyzed	: 05/07/96	Dilution Factor	: 1.0
Instrument ID	: msd6.i	Conc. Units	: ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10	ND	U
74-83-9	Bromomethane	10	ND	U
75-01-4	Vinyl Chloride	10	ND	U
75-00-3	Chloroethane	10	ND	U
75-09-2	Methylene Chloride	5	ND	U
67-64-1	Acetone	20	ND	U
75-15-0	Carbon Disulfide	5	ND	U
75-35-4	1,1-Dichloroethene	5	ND	U
75-34-3	1,1-Dichloroethane	5	ND	U
156-59-2	Cis-1,2-Dichloroethene	5	ND	U
67-66-3	Chloroform	5	ND	U
107-06-2	1,2-Dichloroethane	5	ND	U
78-93-3	2-Butanone	20	ND	U
71-55-6	1,1,1-Trichloroethane	5	ND	U
56-23-5	Carbon Tetrachloride	5	ND	U
75-27-4	Bromodichloromethane	5	ND	U
78-87-5	1,2-Dichloropropane	5	ND	U
10061-01-5	cis-1,3-Dichloropropene	5	ND	U
79-01-6	Trichloroethene	5	ND	U
124-48-1	Dibromochloromethane	5	ND	U
79-00-5	1,1,2-Trichloroethane	5	ND	U
71-43-2	Benzene	5	ND	U
10061-02-6	trans-1,3-Dichloropropene	5	ND	U
75-25-2	Bromoform	5	ND	U
108-10-1	4-Methyl-2-Pentanone	10	ND	U
591-78-6	2-Hexanone	10	ND	U
127-18-4	Tetrachloroethene	5	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5	ND	U
108-88-3	Toluene	5	ND	U
108-90-7	Chlorobenzene	5	ND	U
100-41-4	Ethylbenzene	5	ND	U
100-42-5	Styrene	5	ND	U
1330-20-7	Xylene (Total)	5	ND	U
108-05-4	Vinyl acetate	5	ND	U
75-69-4	Trichlorofluoromethane	5	ND	U
76-13-1	Trichlorotrifluoroethane	5	ND	U
156-60-5	Trans-1,2-dichloroethene	5	ND	U
541-73-1	1,3-Dichlorobenzene	5	ND	U
106-46-7	1,4-Dichlorobenzene	5	ND	U
95-50-1	1,2-Dichlorobenzene	5	ND	U

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8240
INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
(408)432-8192

Project ID : SERVICE MANFACTURE Anametrix ID : 9604306
Matrix : SOIL Level:(low/med) LOW

	EPA SAMPLE NO.	SMC1 (TOL)#	SMC2 (BFB)#	SMC3 (DCE)#	OTHER	TOT OUT
01	VBLKCV	91	82	88		0
02	VLCSL6	91	82	86		0
03	VLCSDRT	91	84	88		0
04	TP1-36"	92	81	89		0
05						
06						
07						
08						
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30						

	QC LIMITS
SMC1 (TOL) = Toluene-d8	(70-130)
SMC2 (BFB) = Bromofluorobenzene	(70-130)
SMC3 (DCE) = 1,2-Dichloroethane-d4	(70-130)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8240
INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
(408)432-8192

Project ID : SERVICE MANFACTURE Anametrix ID : 9604306
Matrix : WATER

	EPA SAMPLE NO.	SMC1 (TOL) #	SMC2 (BFB) #	SMC3 (DCE) #	OTHER	TOT OUT
01	VBLKCX	92	92	84		0
02	VLCSL7	92	94	87		0
03	VLCSDRU	92	94	88		0
04	EQUIP.B	91	94	95		0
05	TP-1-1	92	93	99		0
06						
07						
08						
09						
10						
11						
12						
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	QC LIMITS
SMC1 (TOL) = Toluene-d8	(70-130)
SMC2 (BFB) = Bromofluorobenzene	(70-130)
SMC3 (DCE) = 1,2-Dichloroethane-d4	(70-130)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

LAB CONTROL SAMPLE FORM -- EPA METHOD 8240
INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
(408)432-8192

Project ID : SERVICE MANFACTURE Lab File ID : MY0701A1/NY0701A1
Sample ID : VBLKCV
Matrix : SOIL
Date Sampled :
Prep. Batch ID : msd02y07a1a
Date Analyzed : 05/07/96
Instrument ID : msd2.i

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	50	0.0	50	100	78-150
Trichloroethene	50	0.0	50	100	64-135
Benzene	50	0.0	52	104	85-120
Toluene	50	0.0	49	98	88-119
Chlorobenzene	50	0.0	50	100	86-116

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	50	47	94	6	25	78-150
Trichloroethene	50	50	100	0	25	64-135
Benzene	50	52	104	0	25	85-120
Toluene	50	49	98	0	25	88-119
Chlorobenzene	50	50	100	0	25	86-116

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

LAB CONTROL SAMPLE FORM -- EPA METHOD 8240
INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
(408)432-8192

Project ID : SERVICE MANFACTURE Lab File ID : MY0701A2/NY0701A2
Sample ID : VBLKCX
Matrix : WATER
Date Sampled :
Prep. Batch ID : msd06y07a2a
Date Analyzed : 05/07/96
Instrument ID : msd6.i

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	50	0.0	49	98	72-145
Trichloroethene	50	0.0	49	98	61-140
Benzene	50	0.0	52	104	83-125
Toluene	50	0.0	50	100	82-123
Chlorobenzene	50	0.0	47	94	82-125

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	50	48	96	2	25	72-145
Trichloroethene	50	48	96	2	25	61-140
Benzene	50	52	104	0	25	83-125
Toluene	50	49	98	2	25	82-123
Chlorobenzene	50	47	94	0	25	82-125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

GC VOA REPORT DESCRIPTION

Organic Analysis Data Sheets (OADS)
OADS forms contain tabulated results for target compounds. The OADS are grouped by method and, within each method, organized sequentially in order of increasing Inchcape Testing Services ID number.

Surrogate Recovery Summary (SRS)
SRS forms contain quality assurance data. An SRS form will be printed for each method, if the method requires surrogate compounds. They will list surrogate percent recoveries for all samples and any method blanks. Any surrogate recovery outside the established limits will be flagged with an "*", and the total number of surrogates outside the limits will be listed in the column labeled "Total Out."

Matrix Spike Recovery Form (MSR)
MSR forms contain quality assurance data. They summarize percent recovery and relative percent difference information for matrix spikes and matrix spike duplicates. This information is a statement of both accuracy and precision. Any percent recovery or relative percent difference outside established limits will be flagged with an "*", and the total number outside the limits will be listed at the bottom of the page. Not all reports will contain an MSR form.

Qualifiers
Inchcape Testing Services uses several data qualifiers (Q) in its report forms. These qualifiers give additional information on the compounds reported. They should help a data reviewer to verify the integrity of the analytical results. The following is a list of qualifiers and their meanings:

- **U** - Indicates that the compound was analyzed for, but was not detected at or above the specified reporting limit.
- **B** - Indicates that the compound was detected in the associated method blank.
- **J** - Indicates that the compound was detected at an amount below the specified reporting limit. Consequently, the amount should be considered an approximate value. Tentatively identified compounds will always have a "J" qualifier because they are not included in the instrument calibration.
- **E** - Indicates that the reported amount exceeded the linear range of the instrument calibration.
- **D** - Indicates that the compound was detected in an analysis performed at a secondary dilution.

Absence of a qualifier indicates that the compound was detected at a concentration at or above the specified reporting limit.

REPORTING CONVENTIONS

- Due to a size limitation in our data processing step, only the first eight (8) characters of your project ID and sample ID will be printed on the report forms. However, the report cover letter and report summary pages display up to twenty (20) characters of your project and sample IDs.
- Amounts reported are gross values, i.e., not corrected for method blank contamination.

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8020
ANAMETRIX, INC. (408)432-8192

Project ID : SERVIC
Sample ID : VBLKE1
Matrix : WATER
Date Sampled : 0/ 0/ 0
Date Analyzed : 5/ 7/96
Instrument ID : HP15

Anametrix ID : BY0704I3
Analyst : ea
Supervisor : [illegible]

Dilution Factor : 1.0
Conc. Units : ug/L

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
71-43-2	Benzene	.50	ND	U
108-88-3	Toluene	.50	ND	U
108-90-7	Chlorobenzene	.50	ND	U
100-41-4	Ethylbenzene	.50	ND	U
1330-20-7	Total xylenes	.50	ND	U
541-73-1	1,3-Dichlorobenzene	.50	ND	U
106-46-7	1,4-Dichlorobenzene	.50	ND	U
95-50-1	1,2-Dichlorobenzene	.50	ND	U

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8020
ANAMETRIX, INC. (408)432-8192

Project ID : SERVICE
Matrix : LIQUID

Anametrix ID : 9604306
Analyst : tk
Supervisor : DL

	SAMPLE ID	SU1	SU2	SU3
1	VBLKE1	92	89	
2	TP-2-1	95	95	
3				
4				
5				
6				
7				
8				
9				
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29				
30				

	QC LIMITS
SU1 = 1-Chloro-2-fluorobenze	(63-123)
SU2 = 2-Bromochlorobenzene	(54-134)

* Values outside of Anametrix QC limits

EPA METHOD 8020
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

LABORATORY CONTROL SAMPLE REPORT

Sample ID: LAB CONTROL SAMPLE
Batch: 4306
Matrix: WATER
Date Analyzed: 5/7/96

Laboratory ID: MY0701I3
Instrument ID: HP15
Concentration Units: ug/L
Analyst: LL
Supervisor: DL

COMPOUND NAME	SPIKE AMT	LCS REC	%REC LCS	%RECOVERY LIMITS
Benzene	20	19.0	95%	74-133
Toluene	20	19.0	95%	75-132
Chlorobenzene	20	18.8	94%	72-133
Ethylbenzene	20	19.0	95%	74-135
Total Xylenes	60	58.5	98%	73-129
1,3-Dichlorobenzene	20	18.3	92%	70-132
1,4-Dichlorobenzene	20	18.4	92%	71-130
1,2-Dichlorobenzene	20	18.9	95%	71-132

SURROGATE NAME	SPIKE AMT	SURR. REC	%REC	% REC LIMITS
1-Chloro-2-fluorobenzene	22.4	22.2	99%	63-123
2-Bromochlorobenzene	22.4	21.2	95%	54-134

EPA METHOD 8020
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

LABORATORY CONTROL SAMPLE REPORT

Sample ID: LAB CONTROL SAMPLE
Batch: 4306
Matrix: WATER
Date Analyzed: 5/7/96

Laboratory ID: NY0701I3
Instrument ID: HP15
Concentration Units: ug/L
Analyst: EC
Supervisor: [illegible]

COMPOUND NAME	SPIKE AMT	LCS REC	%REC LCS	%RECOVERY LIMITS
Benzene	20	19.5	98%	74-133
Toluene	20	19.5	98%	75-132
Chlorobenzene	20	19.3	97%	72-133
Ethylbenzene	20	19.4	97%	74-135
Total Xylenes	60	57.7	96%	73-129
1,3-Dichlorobenzene	20	18.7	94%	70-132
1,4-Dichlorobenzene	20	18.7	94%	71-130
1,2-Dichlorobenzene	20	19.1	96%	71-132

SURROGATE NAME	SPIKE AMT	SURR. REC	%REC	% REC LIMITS
1-Chloro-2-fluorobenzene	22.4	22.0	98%	63-123
2-Bromochlorobenzene	22.4	20.8	93%	54-134

Inchcape Testing Services
Environmental Laboratories

1961 Concourse Drive
Suite E
San Jose, CA 95131
Tel: 408-432-8192
Fax: 408-432-8198

GC/PESTICIDE REPORT DESCRIPTION

Organic Analysis Data Sheets (OADS)
OADS forms contain tabulated results for target compounds. The OADS are grouped by method and within each method, organized sequentially in order of increasing Inchcape Testing Services ID Number.

Surrogate Recovery Summary (SRS)
SRS forms contain quality assurance data. An SRS form will be printed for each method. They will list surrogate percent recoveries for all samples and any method blanks. Any surrogate recovery outside the established limits will be flagged with an "*" and the total number of surrogates outside the limits will be listed in the column labeled "Total Out."

Matrix Spike Recovery, Laboratory Control Sample Forms
These forms contain quality assurance data. They summarize percent recovery and relative percent difference information for matrix spikes, laboratory control samples and their duplicates. This information is a statement of accuracy and precision. Any percent recovery or relative percent difference outside established limits will be flagged with an "*".

Qualifiers
Inchcape Testing Services uses several data qualifiers (Q) in its report forms. These qualifiers give additional information on the compounds reported. They should help a data reviewer to verify the integrity of the analytical results. The following is a list of qualifiers and their meanings:

- **U** - Indicates that the compound was analyzed, but not detected at or above the specified reporting limit.
- **B** - Indicates that the compound was detected in the associated method blank.
- **J** - Indicates that the compound was detected at an amount below the specified reporting limit. Consequently, the amount should be considered an estimated value.
- **E** - Indicates that the amount reported exceeded the linear range of the instrument calibration.
- **D** - Indicates that the compound was detected in an analysis performed at a secondary dilution.

Absence of a qualifier indicates that the compound was detected at a concentration at or above the specified reporting limit.

REPORTING CONVENTIONS

- Due to a size limitation in our data processing step, only the first eight (8) characters of your project ID and sample ID will be printed on the report form. However, the report cover letter and report summary pages do display up to twenty (20) characters of your project and sample IDs.
- Amounts reported are gross values, i.e., not corrected for method blank contamination.

REPORT SUMMARY
INCHCAPE, INC. (408)432-8192

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9604306
Date Received : 04/29/96
Project ID : SERVICE MANFACTURE
Purchase Order: N/A
Department : GC
Sub-Department: PEST

SAMPLE INFORMATION:

INCHCAPE SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9604306- 5	WG-1-2-3	SOIL	04/26/96	8080 PCB

REPORT SUMMARY
INCHCAPE, INC. (408)432-8192

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9604306
Date Received : 04/29/96
Project ID : SERVICE MANFACTURE
Purchase Order: N/A
Department : GC
Sub-Department: PEST

QA/QC SUMMARY :

- All holding times have been met for the analyses reported in this section.
- No QA/QC problems were encountered.

5-7-96
Department Supervisor Date

May, 7TH 1996
Chemist Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8080 PCB
ANAMETRIX, INC. (408)432-8192

Project ID : SERVICE
Sample ID : WG-1-2-3
Matrix : SOIL
Date Sampled : 4/26/96
Date Extracted : 4/30/96
Amount Extracted : 30.0 g
Date Analyzed : 5/ 4/96
Instrument ID : HP22

Anametrix ID : 9604306-05
Analyst :
Supervisor :

Dilution Factor : 1.0
Conc. Units : ug/Kg

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
12674-11-2	Aroclor-1016	33.	ND	U
11104-28-2	Aroclor-1221	33.	ND	U
11141-16-5	Aroclor-1232	33.	ND	U
53469-21-9	Aroclor-1242	33.	ND	U
12672-29-6	Aroclor-1248	33.	ND	U
11097-69-1	Aroclor-1254	33.	ND	U
11096-82-5	Aroclor-1260	33.	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8080 PCB
ANAMETRIX, INC. (408)432-8192

Project ID : SERVIC
Sample ID : PBLK3V
Matrix : SOIL
Date Sampled : 0/ 0/ 0
Date Extracted : 4/30/96
Amount Extracted : 30.0 g
Date Analyzed : 5/ 4/96
Instrument ID : HP22

Anametrix ID : BA30H1PF
Analyst : M
Supervisor : [illegible]

Dilution Factor : 1.0
Conc. Units : ug/Kg

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
12674-11-2	Aroclor-1016	33.	ND	U
11104-28-2	Aroclor-1221	33.	ND	U
11141-16-5	Aroclor-1232	33.	ND	U
53469-21-9	Aroclor-1242	33.	ND	U
12672-29-6	Aroclor-1248	33.	ND	U
11097-69-1	Aroclor-1254	33.	ND	U
11096-82-5	Aroclor-1260	33.	ND	U

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8080 PCB
ANAMETRIX, INC. (408)432-8192

Project ID : SERVICE
Matrix : SOLID

Anametrix ID : 9604306
Analyst : M
Supervisor : CH

	SAMPLE ID	SU1	SU2	SU3	SU4	SU5	SU6
1	PBLK3V	106	110				
2	PLCSX7	108	105				
3	PLCSDHQ	106	113				
4	WG-1-2-3	94	109				
5	WG-1-MS	83	102				
6	WG-1-MSD	84	120				
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

	QC LIMITS
SU1 = Decachlorobiphenyl	(62-110)
SU2 = Tetrachloro-m-xylene	(69-129)

* Values outside of Anametrix QC limits

MATRIX SPIKE RECOVERY FORM -- EPA METHOD 8080 PCB
ANAMETRIX, INC. (408)432-8192

Project ID : SERVICE
Sample ID : WG-1-2-3
Matrix : SOIL
Date Sampled : 4/26/96
Date Extracted : 4/30/96
Date Analyzed : 5/ 4/96
Instrument ID : HP22

Anametrix ID : 9604306-05
Analyst : M
Supervisor : CA

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	%REC LIMITS
Aroclor-1016	166.67	.00	164.59	99	45-137
Aroclor-1260	166.67	.00	128.44	77	45-137

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	RPD LIMITS	%REC LIMITS
Aroclor-1016	166.67	171.90	103	4	25	45-137
Aroclor-1260	166.67	130.59	78	2	25	45-137

* Value is outside of Anametrix QC limits

RPD: 0 out of 2 outside limits
Spike Recovery: 0 out of 4 outside limits

LAB CONTROL SPIKE RECOVERY FORM -- EPA METHOD 8080 PCB
ANAMETRIX, INC. (408)432-8192

Project ID : SERVICE
Sample ID : LCS/LCSD
Matrix : SOIL
Date Sampled : 0/ 0/ 0
Date Extracted : 4/30/96
Date Analyzed : 5/ 4/96
Instrument ID : HP22

Anametrix ID : M/NA30H1PF
Analyst : M
Supervisor : CA

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	%REC LIMITS
Aroclor-1016	166.67	.00	170.92	103	45-137
Aroclor-1260	166.67	.00	173.32	104	45-137

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC	% RPD	RPD LIMITS	%REC LIMITS
Aroclor-1016	166.67	179.67	108	5	25	45-137
Aroclor-1260	166.67	182.12	109	5	25	45-137

* Value is outside of Anametrix QC limits

RPD: 0 out of 2 outside limits
Spike Recovery: 0 out of 4 outside limits

REPORT SUMMARY
INCHCAPE, INC. (408)432-8192

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9604306
Date Received : 04/29/96
Project ID : SERVICE MANFACTURE
Purchase Order: N/A
Department : PREP
Sub-Department: PREP

SAMPLE INFORMATION:

INCHCAPE SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9604306- 6	OG-1	SOIL	04/26/96	5520EF

REPORT SUMMARY
INCHCAPE, INC. (408)432-8192

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9604306
Date Received : 04/29/96
Project ID : SERVICE MANFACTURE
Purchase Order: N/A
Department : PREP
Sub-Department: PREP

QA/QC SUMMARY :

- All holding times have been met for the analyses reported in this section.
- Due to the high concentration of Total Recoverable Petroleum Hydrocarbons in sample OG-1, the Matrix Spike and Matrix Spike Duplicate were not recovered.

Department Supervisor 5/8/96 Date

Chemist 5/3/96 Date

ANALYSIS DATA SHEET - TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES (408) 432-8192

PROJECT #	: SERVICE MANFACTURE	ANAMETRIX I.D.	: 9604306
MATRIX	: SOIL	ANALYST	: BSJ
DATE SAMPLED	: 04/26/96	SUPERVISOR	: CM
DATE EXTRACTED	: 04/30/96	DATE RELEASED	: 05/03/96
DATE ANALYZED	: 05/01/96		

WORKORDER #	SAMPLE I.D.	REPORTING LIMIT (mg/Kg)	AMOUNT FOUND (mg/Kg)
9604306-06	OG-1	30	58,000
BA30H1W9	METHOD BLANK	30	ND

ND - Not detected above the reporting limit for the method.

TRPH - Total Recoverable Petroleum Hydrocarbons are determined by Standard Method 5520EF, 18th edition.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

MATRIX SPIKE REPORT - TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES (408) 432-8192

SAMPLE I.D. : OG-1MS, MD
MATRIX : SOIL
DATE SAMPLED : 04/26/96
DATE EXTRACTED : 04/30/96
DATE ANALYZED : 05/01/96

ANAMETRIX I.D. : 9604306-06
ANALYST : AL
SUPERVISOR : CM
DATE RELEASED : 05/15/96

COMPOUND	SPIKE AMT (mg/Kg)	SAMPLE CONC. (mg/Kg)	MS AMT	%REC MS	MD AMT	%REC MD	%RPD	% REC LIMITS
MOTOR OIL	300	58,000	46,000	NR	49,000	NR	6	48-114

* Quality control limits established by Anametrix Laboratories.

ND - Not detected above the reporting limit for the method.
NR - Not recovered.

TRPH - Total Recoverable Petroleum Hydrocarbons are determined by Standard Method 5520EF, 18th edition.

LAB CONTROL SAMPLE REPORT - TOTAL RECOVERABLE PETROLEUM HYDROCARBONS
INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES (408) 432-8192

Sample I.D.	: LAB CONTROL SAMPLE	Anametrix I.D.	: M/NA30H1W9
Matrix	: SOIL	Analyst	: TBD
Date Extracted	: 04/30/96	Supervisor	: CW
Date Analyzed	: 05/01/96	Date Released	: 05/03/96

COMPOUND	SPIKE AMT. (mg/Kg)	LCS (mg/Kg)	%REC LCS	LCSD (mg/Kg)	%REC LCSD	% RPD	REC LIMITS
MOTOR OIL	300	290	97	310	103	7	71-119

* Quality control limits established by Anametrix Laboratories.

TRPH - Total Recoverable Petroleum Hydrocarbons are determined by Standard Method 5520EF.

INCHCAPE TESTING SERVICES, SAN JOSE LABORATORIES
REPORT DESCRIPTION - INORGANICS

Analytical Data Report (ADR)

The ADR contains tabulated results for inorganic analytes. All field samples, QC samples and blanks were prepared and analyzed according to procedures in the following references:

- "Test Methods for Evaluating Solid Waste," SW-846, EPA, 3rd Edition, November 1986.
- "Methods for Chemical Analysis of Water and Wastes," EPA, 3rd Edition, 1983.
- CCR Title 22, Section 66261, Appendix II, California Waste Extraction Test.
- CCR Title 22, Section 66261, Appendix XI, Organic Lead.
- "Standard Methods for the Examination of Water and Wastewater," APHA, AWWA, WEF, 18th Edition, 1992.
- USEPA Contract Laboratory Program Statement of Work for Inorganic Analyses, ILM02.1, 1991.

Matrix Spike Report (MSR)

The MSR summarizes percent recovery and relative percent difference information for matrix spikes and matrix spike duplicates. This information is a statement of both accuracy and precision. MSRs may not be provided with all analytical reports. ITS-SJ control limit for MSR is 75-125% with 25% for RPD limits, except for Method 6010A, which is 80-120% with 25% RPD limits.

Laboratory Control Sample Report (LCSR)

The LCSR summarizes percent recovery information for laboratory control spikes on reagent water or soil. This information is a statement of performance for the method, i.e., the samples are properly prepared and analyzed according to the applicable methods. ITS-SJ control limit for LCSR is 80-120%.

Method Blank Report (MBR)

The MBR summarizes quality control information for reagents used in preparing samples. The absolute value of each analyte measured in the method blank should be below the method reporting limit for that analyte.

Post Digestion Spike Report (PDSR)

The PDSR summarizes percent recovery information for post digestion spikes. A post digestion spike is performed for a particular analyte if the matrix spike recovery is outside of established control limits. Any percent recovery for a post digestion spike outside of established limits for an analyte indicates probable matrix effects and interferences for that analyte. ITS-SJ control limit for PDSR is 75-125%.

Qualifiers (Q)

ITS-SJ uses several data qualifiers in inorganic reports. These qualifiers give additional information on the analytes reported. The following is a list of qualifiers and their meanings:

- I - Sample was analyzed at the stated dilution due to interferences.
- U - Analyte concentration was below the method reporting limit. For matrix and post digestion spike reports, a value of "0.0" is entered for calculation of the percent recovery.
- B - Sample concentration was below the reporting limit but above the instrument detection limit. Result is entered for calculation of the percent recovery only.
- H - Spike percent recovery is not calculated due to possible interferences from relatively high concentration level of the analyte in the unspiked sample.
- L - Reporting limit was increased to compensate for background absorbances or matrix interferences.

Comment Codes

In addition to qualifiers, the following codes are used in the comment section of all reports to give additional information about sample preparation methods:

- A - Sample was prepared for silver based on the silver digestion method developed by the Southern California Laboratory, Department of Health Services, "Acid Digestion for Sediments, Sludges, Soils and Solid Wastes. A Proposed Alternative to EPA SW846, Method 3050." Environmental Science and Technology, 1989, 23, 898-900.
- T - Spikes were prepared after extraction by the Toxicity Characteristic Leaching Procedure (TCLP).
- C - Spikes were prepared after extraction by the California Waste Extraction Test (CWET) method.
- D - Reported results are dissolved, not total, metals.

Reporting Conventions

Analytical values reported are gross values, i.e., <u>not</u> corrected for method blank contamination. Solid matrices are reported on a wet weight basis, unless specifically requested otherwise.

REPORT SUMMARY
INCHCAPE, INC. (408)432-8192

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9604306
Date Received : 04/29/96
Project ID : SERVICE MANFACTURE
Purchase Order: N/A
Department : METALS
Sub-Department: METALS

SAMPLE INFORMATION:

INCHCAPE SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9604306- 7	S-3	SOIL	04/26/96	6010
9604306-10	S-7	SOIL	04/26/96	6010
9604306- 8	S-4-5	SOIL	04/26/96	CWET-INORG
9604306- 9	S-6	SOIL	04/26/96	CWET-INORG
9604306- 8	S-4-5	SOIL	04/26/96	CWETMETALS
9604306- 9	S-6	SOIL	04/26/96	CWETMETALS

Section 3

REPORT SUMMARY
INCHCAPE, INC. (408)432-8192

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9604306
Date Received : 04/29/96
Project ID : SERVICE MANFACTURE
Purchase Order: N/A
Department : METALS
Sub-Department: METALS

QA/QC SUMMARY :

- All holding times have been met for the analyses reported in this section.

Mona Kamel for 05/09/96
Department Supervisor Date

Chemist 5/9/96
Chemist Date

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192
DATA REPORT

ITS-SJ Sample ID: **9604306-08**
Client Sample ID: **S-4-5**
Client Project Number: **SERVICE MANFACTURE**
Matrix: **SOIL**

SDG #: **N/A**
Date Sampled: **04/26/96**
Analyst: JV
Supervisor: MK

Analyte	Prep. Method	Analytical Method	Instr. ID	Date Prepared	Date Analyzed	Dil. Factor	Units	Reporting Limit	Results	Q
Arsenic-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	0.10	ND	
Barium-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	1.0	ND	
Cadmium-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	0.050	ND	
Chromium-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	0.10	ND	
Lead-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	0.030	ND	
Mercury-STLC	7470A	7470A	HGA2	05/03/96	05/06/96	1	mg/L	0.00020	ND	
Selenium-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	0.20	ND	
Silver-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	0.10	ND	

COMMENTS:

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192
DATA REPORT

ITS-SJ Sample ID: **9604306-09**
Client Sample ID: **S-6**
Client Project Number: **SERVICE MANFACTURE**
Matrix: **SOIL**

SDG #: **N/A**
Date Sampled: **04/26/96**
Analyst:
Supervisor:

Analyte	Prep. Method	Analytical Method	Instr. ID	Date Prepared	Date Analyzed	Dil. Factor	Units	Reporting Limit	Results	Q
Arsenic-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	0.10	0.33	
Barium-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	1.0	5.4	
Cadmium-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	0.050	0.48	
Chromium-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	0.10	2.2	
Lead-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	0.030	5.4	
Mercury-STLC	7470A	7470A	HGA2	05/03/96	05/06/96	1	mg/L	0.00020	ND	
Selenium-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	0.20	ND	
Silver-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	0.10	ND	

COMMENTS:

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192
DATA REPORT

Analyte-Method: **Lead-6010A**
Client Project Number: **SERVICE MANFACTURE**
Matrix - Units: **SOIL - mg/Kg**

SDG #: N/A
Analyst: T
Supervisor: MC

ITS-SJ Sample ID	Client Sample ID	Prep. Method	Instr. ID	Date Sampled	Date Prepared	Date Analyzed	D.F.	Reporting Limit	Results	Q
9604306-07	S-3	3050A	ICP2	04/26/96	05/01/96	05/03/09	10	40.0	2910	
604306-10	S-7	3050A	ICP2	04/26/96	05/01/96	05/02/96	1	4.0	116	
Y016SA	METHOD BLANK	3050A	ICP2	N/A	05/01/96	05/02/96	1	4.0	ND	

COMMENTS:

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192
METHOD BLANK REPORT

ITS-SJ Sample ID: BY026EA
Client Sample ID: N/A
ITS-SJ WO #: 9604306
Client Project Number: SERVICE MANFACTURE
Matrix: SOIL

SDG #: N/A
Analyst:
Supervisor:

Analyte	Prep. Method	Analytical Method	Instr. ID	Date Prepared	Date Analyzed	Dil. Factor	Units	Reporting Limit	Results	Q
Arsenic-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	1	mg/L	0.10	ND	
Barium-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	1	mg/L	1.0	ND	
Cadmium-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	1	mg/L	0.050	ND	
Chromium-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	1	mg/L	0.10	ND	
Lead-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	1	mg/L	0.030	ND	
Mercury-STLC	7470A	7470A	HGA2	05/03/96	05/06/96	1	mg/L	0.00020	ND	
Selenium-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	1	mg/L	0.20	ND	
Silver-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	1	mg/L	0.10	ND	

COMMENTS:

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192

SAMPLE DUPLICATE REPORT

ITS-SJ Sample ID: 9604306-09D
Client Sample ID: S-6
Client Project Number: SERVICE MANFACTURE
Matrix: SOIL

SDG #: N/A
Analyst:
Supervisor:

Analyte	Prep. Method	Analyt. Method	Instr. ID	Date Prepared	Date Analyzed	Dil. Factor	Units	Sample Conc.	Sample Duplicate Conc.	RPD	Q
Arsenic-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	0.33	0.32	3.1	
Barium-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	5.4	5.5	1.8	
Cadmium-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	0.48	0.49	2.1	
Chromium-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	2.2	2.3	4.4	
Lead-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	5.4	5.5	1.8	
Mercury-STLC	7470A	7470A	HGA2	05/03/96	05/06/96	1	mg/L	ND	ND	N/A	
Selenium-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	ND	ND	N/A	
Silver-STLC	CWET	6010A	ICP2	05/02/96	05/05/96	10	mg/L	ND	ND	N/A	

COMMENTS:

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192
MATRIX SPIKE REPORT

ITS-SJ Sample ID: 9604306-09MS
Client Sample ID: S-6
Client Proj. Number: SERVICE MANFACTURE
Matrix: SOIL

SDG #: N/A
Analyst:
Supervisor:

Analyte	Analyt. Method	Instr. I.D.	Date Prepared	Date Analyzed	Units	Spike Amount	Sample Conc.	Matrix Spike Conc.	% Rec.				Q
Arsenic-STLC	6010A	ICP2	05/05/96	05/05/96	mg/L	5.0	0.33	5.5	103				U
arium-STLC	6010A	ICP2	05/05/96	05/05/96	mg/L	25.0	5.4	29.5	96.4				
Cadmium-STLC	6010A	ICP2	05/05/96	05/05/96	mg/L	1.0	0.48	1.4	92.0				
Chromium-STLC	6010A	ICP2	05/05/96	05/05/96	mg/L	5.0	2.2	7.1	98.0				
ead-STLC	6010A	ICP2	05/05/96	05/05/96	mg/L	5.0	5.4	10.2	96.0				
Mercury-STLC	7470A	HGA2	05/03/96	05/06/96	mg/L	0.050	0.0	0.046	92.0				U
Selenium-STLC	6010A	ICP2	05/05/96	05/05/96	mg/L	1.0	0.0	1.2	120				U
ilver-STLC	6010A	ICP2	05/05/96	05/05/96	mg/L	5.0	0.0	5.0	100				U

COMMENTS: "C"

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192

LABORATORY CONTROL SAMPLE REPORT

ITS-SJ Sample ID: LY036EA, LY016SA, LY056EA
Client Sample ID: N/A
ITS-SJ WO #: 9604306
Client Project Number: SERVICE MANFACTURE
Matrix: SOIL

SDG #: N/A
Analyst:
Supervisor: MK

Analyte	Prep. Method	Analytical Method	Instr. ID	Date Prepared	Date Analyzed	Dil. Factor	Units	Spike Amount	LCS Results	% Recovery	Q
Arsenic-STLC	CWET	6010A	ICP2	05/05/96	05/05/96	1	mg/L	5.0	5.2	104	
Barium-STLC	CWET	6010A	ICP2	05/05/96	05/05/96	1	mg/L	25.0	23.9	95.6	
Cadmium-STLC	CWET	6010A	ICP2	05/05/96	05/05/96	1	mg/L	1.0	0.94	94.0	
Chromium-STLC	CWET	6010A	ICP2	05/05/96	05/05/96	1	mg/L	5.0	4.8	96.0	
Lead-STLC	CWET	6010A	ICP2	05/05/96	05/05/96	1	mg/L	5.0	4.8	96.0	
Mercury-STLC	7470A	7470A	HGA2	05/03/96	05/06/96	1	mg/L	0.050	0.050	100	
Selenium-STLC	CWET	6010A	ICP2	05/05/96	05/05/96	1	mg/L	1.0	1.2	120	
Silver-STLC	CWET	6010A	ICP2	05/05/96	05/05/96	1	mg/L	5.0	4.9	98.0	
Lead	3050A	6010A	ICP2	05/01/96	05/02/96	1	mg/Kg	50.0	48.5	97.0	

COMMENTS: "C"

Inchcape Testing Services
Anametrix Laboratories

1961 Concourse Drive, Suite E
San Jose, CA 95131
(408) 432-8192 • Fax (408) [illegible]

CHAIN-OF-CUSTODY RECORD

PROJECT NUMBER	PROJECT NAME	Send Report Attention of:	Report Due	Verbal Due
	Former Service manufacturing San Lorenzo, CA	Tom Price	/ /	/ /

	Sample Number	Date	Time	Comp	Matrix	Station Location	Number of Cntnrs	Type of Containers	Type of Analysis: 8240	8020	PCB	Oil & Grease	STLC	Total Lead	Condition of Samples	Initial
1	TP-1 at 36"	4/26/96	1010		Soil	Test Pit 1 at 3' bgs	1	Brass Liner	✓							
2	TP-1-1		1110		Liq	Test Pit 1	3	40 ml VOAs	✓						2/3 VOAs w/ BUBBLES	
3	TP-2-1		1230		Liq	Test Pit 2	3	40 ml VOAs		✓					2/3 VOAs w/ BUBBLES	
4	Equipment Blank		1310		Liq	Poly Bailer	3		✓						(no charge)	
	~~Trip Blank~~		~~1330~~		~~Liq~~	—	~~3~~								Withdrawn	
5	WG-1		1340		Soil	West Gravel Parking Area	1	Brass Liner			X				Composite	
5	WG-2		1410		Soil		1				X					
5	WG-3		1420		Soil		1				X					
6	OG-1		1450		Soil	Gravel West Parking Area	1					X				
	~~S-1~~		~~1507~~		~~Soil~~	~~Copper Clay Blasting Sand~~									Hold ~~Composite~~ Samples	
	~~S-2~~		~~1516~~ 1520		~~Soil~~	~~white Silica Sand Blasting Sand~~										
7	S-3		1520		Soil	Soil Canopy Area						4			Total Lead	

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Tom Price	4/29/96 13:10		
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Date/Time	Received by Lab:	Date/Time
			4/29/96 13:10

Remarks: Composite WG-1, 2, 3 analyze as one sample
Composite

COMPANY: Environmental Testing & Mgmt.
ADDRESS: 2916 Magliocco Dr. Suite #2
PHONE: San Jose CA FAX: 95128

Inchcape Testing Services
Anamet Laboratories

1961 Concourse Drive, Suite E
San Jose, CA 95131
(408) 432-8192 • Fax (408) 432-8198

CHAIN-OF-CUSTODY RECORD

PROJECT NUMBER

PROJECT NAME: Former Service Manufacturing San Lorenzo, CA

Send Report Attention of: Tom Price Environmental Testing & Mngt

Report Due: / /

Verbal Due: / /

	Sample Number	Date	Time	Comp	Matrix	Station Location	Number of Cntnrs	Type of Containers	Type of Analysis: WET STLC & Metals	Type of Analysis: PCB	Type of Analysis: Total Lead	Condition of Samples	Initial
	S-4	4/26/96	1535		Soil	East Gravel Area	1	Brass Liners	X			Composite	
(8)	S-5	↓	1540		↓	↓	1	↓	X				
(9)	S-6	↓	1615		↓	West Canopy Area Sweep	1	↓	X				
(10)	S-7	↓			↓	E. Area Background.	1	↓			X		

Relinquished by:(Signature): Tom Price — Date/Time: 4/29/96 13:15 — Received by: (Signature) — Date/Time

Relinquished by:(Signature) — Date/Time — Received by: (Signature) — Date/Time

Relinquished by:(Signature) — Date/Time — Received by Lab: — Date/Time: 4.29.96 13:15

Remarks: Composite S-4 & S-5 & analyze as one sample.

COMPANY: Environmental Testing & Mgmt
ADDRESS: 2916 Magliocco Dr. Suite #2
PHONE: San Jose CA 95128 FAX:

Inchcape Testing Services
Environmental Laboratories

SAMPLE RECEIVING CHECKLIST

Workorder Number: 9604306 **Client Project ID:** SERVICE MANUF.

Cooler

Shipping documentation present? If YES, enter Carrier and Airbill #:	YES	NO	(N/A)
Custody Seal on the outside of cooler? Condition: Intact Broken	YES	NO	(N/A)
Temperature of sample(s) within range? List temperatures of cooler(s): VOA (11°) 301 (22°) Note: If all samples taken within previous 4 hr, circle N/A and place in sample storage area as soon as possible.	YES	(NO)	N/A

Samples

Chain of custody seal present for each container? Condition: Intact Broken	YES	NO	(N/A)
Samples arrived within holding time?	(YES)	NO	N/A
Samples in proper containers for methods requested? Condition of containers: Intact ✓ Broken If NO, were samples transferred to proper container(s)?	(YES)	NO	
Were VOA containers received with zero headspace? If NO, was it noted on the chain of custody? YES	YES	(NO)	N/A
Were container labels complete? (ID, date, time, preservative)	(YES)	NO	N/A
Were samples properly preserved? If NO, was the preservative added at time of receipt?	(YES)	NO	N/A
pH check of samples required at time of receipt? If YES, pH checked and recorded by:	YES	(NO)	
Sufficient amount of sample received for methods requested? If NO, has the client or PM been notified?	(YES)	NO	
Field blanks received with sample batch?	YES	NO	(N/A)
Trip blanks received with sample batch?	(YES)	NO	N/A

Chain of Custody

Chain of custody form received with samples?	(YES)	NO	
Has it been filled out completely and in ink?	(YES)	NO	
Sample IDs on chain of custody form agree with labels?	YES	(NO) TIME	
Number of containers on chain agree with number received?	(YES)	NO	
Analysis methods specified?	(YES)	NO	
Sampling date and (time) indicated?	YES	(NO)	
Proper signatures of sampler, courier and custodian in appropriate spaces? With time and date?	(YES)	NO	
Turnaround time? Standard ✓ Rush			

Any NO responses and/or any BROKEN that was checked must be detailed in a Corrective Action Form.

Sample Custodian: HH Date: 4/29/96 Project Manager: [signature] Date: 5/6/96

f:\forms\newsor.doc

Inchcape Testing Services
Environmental Laboratories

1961 Concourse Drive
Suite E
San Jose, CA 95131
Tel: 408-432-8192
Fax: 408-432-8198

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9605199
Date Received : 05/20/96
Project ID : SERVICE MANUFACTU
Purchase Order: N/A

The following samples were received at Inchcape for analysis :

ANAMETRIX ID	CLIENT SAMPLE ID
9605199- 1	SUMP-1
9605199- 2	TRIP.B.
9605199- 3	WS-1
9605199- 4	WS-2
9605199- 5	WS-3
9605199- 6	WS-4
9605199- 7	WS-5
9605199- 8	WS-6
9605199- 9	WS-7
9605199-10	WS-8
9605199-11	WS-9
9605199-12	STLC-1
9605199-13	STLC-2
9605199-14	STLC-3
9605199-15	SS-2
9605199-16	SS-1

This report is organized in sections according to the specific Inchcape laboratory group which performed the analysis(es) and generated the data.

The results contained within this report relate to only the sample(s) tested. Additionally, these data should be considered in their entirety and Inchcape cannot be responsible for the detachment, separation, or otherwise partial use of this report.

Inchcape is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234.

If you have any further questions or comments on this report, please call your project manager as soon as possible. Thank you for using Inchcape Testing Services.

Project Manager

6/6/96.
Date

This report consists of 48 pages.

GC/MS REPORT DESCRIPTION

Organic Analysis Data Sheets (OADS)
OADS forms contain tabulated results for target compounds. The OADS are grouped by method and within each method, organized sequentially in order of increasing Inchcape Testing Services ID Number.

Tentatively Identified Compounds (TICs)
TIC forms contain tabulated results for non-target compounds detected in GC/MS analyses. TICs must be requested at the time samples are submitted to Inchcape Testing Services. TIC forms immediately follow the OADS form for each sample. If TICs are requested but not found, then TIC forms will not be included with the report.

Surrogate Recovery Summary (SRS)
SRS forms contain quality assurance data. An SRS form will be printed for each method. They will list surrogate percent recoveries for all samples and any method blanks. Any surrogate recovery outside the established limits will be flagged with an "*" and the total number of surrogates outside the limits will be listed in the column labeled "Total Out."

Matrix Spike Recovery, Laboratory Control Sample Forms
These forms contain quality assurance data. They summarize percent recovery and relative percent difference information for matrix spikes, laboratory control samples and their duplicates. This information is a statement of accuracy and precision. Any percent recovery or relative percent difference outside established limits will be flagged with an "*".

Qualifiers
Inchcape Testing Services uses several data qualifiers (Q) in its report forms. These qualifiers give additional information on the compounds reported. They should help a data reviewer to verify the integrity of the analytical results. The following is a list of qualifiers and their meanings:

- **U** - Indicates that the compound was analyzed but not detected at or above the specified reporting limit.
- **B** - Indicates that the compound was detected in the associated method blank.
- **J** - Indicates that the compound was detected at an amount below the specified reporting limit. Consequently, the amount should be considered an estimated value.
- **E** - Indicates that the amount reported exceeded the linear range of the instrument calibration.
- **D** - Indicates that the compound was detected in an analysis performed at a secondary dilution.
- **A** - Indicates that the tentatively identified compound is a suspected aldol condensation product. This is common in EPA Method 8270 analyses.

Absence of a qualifier indicates that the compound was detected at a concentration at or above the specified reporting limit.

REPORTING CONVENTIONS

- Due to a size limitation in our data processing step, only the first eight (8) characters of your project ID and sample ID will be printed on the report form. However, the report cover letter and report summary pages do display up to twenty (20) characters of your project and sample IDs.
- Amounts reported are gross values, i.e., <u>not</u> corrected for method blank contamination

REPORT SUMMARY
INCHCAPE, INC. (408)432-8192

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9605199
Date Received : 05/20/96
Project ID : SERVICE MANUFACTUR
Purchase Order: N/A
Department : GCMS
Sub-Department: GCMS

SAMPLE INFORMATION:

INCHCAPE SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9605199- 2	TRIP.B.	WATER	05/20/96	8240
9605199- 3	WS-1	WATER	05/20/96	8240
9605199- 4	WS-2	WATER	05/20/96	8240
9605199- 5	WS-3	WATER	05/20/96	8240
9605199- 6	WS-4	WATER	05/20/96	8240
9605199- 7	WS-5	WATER	05/20/96	8240
9605199- 8	WS-6	WATER	05/20/96	8240
9605199- 9	WS-7	WATER	05/20/96	8240
9605199-10	WS-8	WATER	05/20/96	8240
9605199-11	WS-9	WATER	05/20/96	8240
9605199-16	SS-1	SOIL	05/20/96	8240

REPORT SUMMARY
INCHCAPE, INC. (408)432-8192

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9605199
Date Received : 05/20/96
Project ID : SERVICE MANUFACTUR
Purchase Order: N/A
Department : GCMS
Sub-Department: GCMS

QA/QC SUMMARY :

- All holding times have been met for the analyses reported in this section.
- Samples WS-3 and WS-4 were analyzed at a 2 fold dilution for the EPA Method 8240 analysis based on screen results.

6-4-96
Department Supervisor Date

Taghi Memarzadeh 6/4/96
Chemist Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
(408)432-8192

Project ID	: SERVICE MANUFACTURE	Anametrix ID	: 9605199-02
Sample ID	: TRIP.B	Lab File ID	: MPY19902
Matrix	: WATER		
Date Sampled	: 05/20/96	% Moisture	:
Date Analyzed	: 06/01/96	Dilution Factor	: 1.0
Instrument ID	: msd2.i	Conc. Units	: ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10	ND	U
74-83-9	Bromomethane	10	ND	U
75-01-4	Vinyl Chloride	10	ND	U
75-00-3	Chloroethane	10	ND	U
75-09-2	Methylene Chloride	5	ND	U
67-64-1	Acetone	20	ND	U
75-15-0	Carbon Disulfide	5	ND	U
75-35-4	1,1-Dichloroethene	5	ND	U
75-34-3	1,1-Dichloroethane	5	ND	U
156-59-2	Cis-1,2-Dichloroethene	5	ND	U
67-66-3	Chloroform	5	ND	U
107-06-2	1,2-Dichloroethane	5	ND	U
78-93-3	2-Butanone	20	ND	U
71-55-6	1,1,1-Trichloroethane	5	ND	U
56-23-5	Carbon Tetrachloride	5	ND	U
75-27-4	Bromodichloromethane	5	ND	U
78-87-5	1,2-Dichloropropane	5	ND	U
10061-01-5	cis-1,3-Dichloropropene	5	ND	U
79-01-6	Trichloroethene	5	ND	U
124-48-1	Dibromochloromethane	5	ND	U
79-00-5	1,1,2-Trichloroethane	5	ND	U
71-43-2	Benzene	5	ND	U
10061-02-6	trans-1,3-Dichloropropene	5	ND	U
75-25-2	Bromoform	5	ND	U
108-10-1	4-Methyl-2-Pentanone	10	ND	U
591-78-6	2-Hexanone	10	ND	U
127-18-4	Tetrachloroethene	5	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5	ND	U
108-88-3	Toluene	5	ND	U
108-90-7	Chlorobenzene	5	ND	U
100-41-4	Ethylbenzene	5	ND	U
100-42-5	Styrene	5	ND	U
1330-20-7	Xylene (Total)	5	ND	U
108-05-4	Vinyl acetate	5	ND	U
75-69-4	Trichlorofluoromethane	5	ND	U
76-13-1	Trichlorotrifluoroethane	5	ND	U
156-60-5	Trans-1,2-dichloroethene	5	ND	U
541-73-1	1,3-Dichlorobenzene	5	ND	U
106-46-7	1,4-Dichlorobenzene	5	ND	U
95-50-1	1,2-Dichlorobenzene	5	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
(408)432-8192

Project ID : SERVICE MANUFACTURE
Sample ID : WS-1
Matrix : WATER
Date Sampled : 05/20/96
Date Analyzed : 06/01/96
Instrument ID : msd2.i

Anametrix ID : 9605199-03
Lab File ID : MPY19903

% Moisture :
Dilution Factor : 1.0
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10	ND	U
74-83-9	Bromomethane	10	ND	U
75-01-4	Vinyl Chloride	10	ND	U
75-00-3	Chloroethane	10	ND	U
75-09-2	Methylene Chloride	5	ND	U
67-64-1	Acetone	20	ND	U
75-15-0	Carbon Disulfide	5	ND	U
75-35-4	1,1-Dichloroethene	5	ND	U
75-34-3	1,1-Dichloroethane	5	ND	U
156-59-2	Cis-1,2-Dichloroethene	5	ND	U
67-66-3	Chloroform	5	ND	U
107-06-2	1,2-Dichloroethane	5	ND	U
78-93-3	2-Butanone	20	ND	U
71-55-6	1,1,1-Trichloroethane	5	ND	U
56-23-5	Carbon Tetrachloride	5	ND	U
75-27-4	Bromodichloromethane	5	ND	U
78-87-5	1,2-Dichloropropane	5	ND	U
10061-01-5	cis-1,3-Dichloropropene	5	ND	U
79-01-6	Trichloroethene	5	ND	U
124-48-1	Dibromochloromethane	5	ND	U
79-00-5	1,1,2-Trichloroethane	5	ND	U
71-43-2	Benzene	5	ND	U
10061-02-6	trans-1,3-Dichloropropene	5	ND	U
75-25-2	Bromoform	5	ND	U
108-10-1	4-Methyl-2-Pentanone	10	ND	U
591-78-6	2-Hexanone	10	ND	U
127-18-4	Tetrachloroethene	5	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5	ND	U
108-88-3	Toluene	5	ND	U
108-90-7	Chlorobenzene	5	ND	U
100-41-4	Ethylbenzene	5	ND	U
100-42-5	Styrene	5	ND	U
1330-20-7	Xylene (Total)	5	ND	U
108-05-4	Vinyl acetate	5	ND	U
75-69-4	Trichlorofluoromethane	5	ND	U
76-13-1	Trichlorotrifluoroethane	5	ND	U
156-60-5	Trans-1,2-dichloroethene	5	ND	U
541-73-1	1,3-Dichlorobenzene	5	ND	U
106-46-7	1,4-Dichlorobenzene	5	ND	U
95-50-1	1,2-Dichlorobenzene	5	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
(408)432-8192

Project ID	: SERVICE MANUFACTURE	Anametrix ID	: 9605199-04
Sample ID	: WS-2	Lab File ID	: MPY19904
Matrix	: WATER		
Date Sampled	: 05/20/96	% Moisture	:
Date Analyzed	: 06/01/96	Dilution Factor	: 1.0
Instrument ID	: msd2.i	Conc. Units	: ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10	ND	U
74-83-9	Bromomethane	10	ND	U
75-01-4	Vinyl Chloride	10	ND	U
75-00-3	Chloroethane	10	ND	U
75-09-2	Methylene Chloride	5	ND	U
67-64-1	Acetone	20	ND	U
75-15-0	Carbon Disulfide	5	ND	U
75-35-4	1,1-Dichloroethene	5	ND	U
75-34-3	1,1-Dichloroethane	5	ND	U
156-59-2	Cis-1,2-Dichloroethene	5	ND	U
67-66-3	Chloroform	5	ND	U
107-06-2	1,2-Dichloroethane	5	ND	U
78-93-3	2-Butanone	20	ND	U
71-55-6	1,1,1-Trichloroethane	5	ND	U
56-23-5	Carbon Tetrachloride	5	ND	U
75-27-4	Bromodichloromethane	5	ND	U
78-87-5	1,2-Dichloropropane	5	ND	U
10061-01-5	cis-1,3-Dichloropropene	5	ND	U
79-01-6	Trichloroethene	5	ND	U
124-48-1	Dibromochloromethane	5	ND	U
79-00-5	1,1,2-Trichloroethane	5	ND	U
71-43-2	Benzene	5	ND	U
10061-02-6	trans-1,3-Dichloropropene	5	ND	U
75-25-2	Bromoform	5	ND	U
108-10-1	4-Methyl-2-Pentanone	10	ND	U
591-78-6	2-Hexanone	10	ND	U
127-18-4	Tetrachloroethene	5	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5	ND	U
108-88-3	Toluene	5	ND	U
108-90-7	Chlorobenzene	5	ND	U
100-41-4	Ethylbenzene	5	ND	U
100-42-5	Styrene	5	ND	U
1330-20-7	Xylene (Total)	5	ND	U
108-05-4	Vinyl acetate	5	ND	U
75-69-4	Trichlorofluoromethane	5	ND	U
76-13-1	Trichlorotrifluoroethane	5	ND	U
156-60-5	Trans-1,2-dichloroethene	5	ND	U
541-73-1	1,3-Dichlorobenzene	5	ND	U
106-46-7	1,4-Dichlorobenzene	5	ND	U
95-50-1	1,2-Dichlorobenzene	5	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
(408)432-8192

Project ID	: SERVICE MANUFACTURE	Anametrix ID	: 9605199-05
Sample ID	: WS-3	Lab File ID	: MPY19905
Matrix	: WATER		
Date Sampled	: 05/20/96	% Moisture	:
Date Analyzed	: 05/30/96	Dilution Factor	: 2.0
Instrument ID	: msd1.i	Conc. Units	: ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	20	ND	U
74-83-9	Bromomethane	20	ND	U
75-01-4	Vinyl Chloride	20	ND	U
75-00-3	Chloroethane	20	ND	U
75-09-2	Methylene Chloride	10	ND	U
67-64-1	Acetone	40	ND	U
75-15-0	Carbon Disulfide	10	ND	U
75-35-4	1,1-Dichloroethene	10	ND	U
75-34-3	1,1-Dichloroethane	10	ND	U
156-59-2	Cis-1,2-Dichloroethene	10	ND	U
67-66-3	Chloroform	10	ND	U
107-06-2	1,2-Dichloroethane	10	ND	U
78-93-3	2-Butanone	40	ND	U
71-55-6	1,1,1-Trichloroethane	10	ND	U
56-23-5	Carbon Tetrachloride	10	ND	U
75-27-4	Bromodichloromethane	10	ND	U
78-87-5	1,2-Dichloropropane	10	ND	U
10061-01-5	cis-1,3-Dichloropropene	10	ND	U
79-01-6	Trichloroethene	10	ND	U
124-48-1	Dibromochloromethane	10	ND	U
79-00-5	1,1,2-Trichloroethane	10	ND	U
71-43-2	Benzene	10	ND	U
10061-02-6	trans-1,3-Dichloropropene	10	ND	U
75-25-2	Bromoform	10	ND	U
108-10-1	4-Methyl-2-Pentanone	20	ND	U
591-78-6	2-Hexanone	20	ND	U
127-18-4	Tetrachloroethene	10	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	10	ND	U
108-88-3	Toluene	10	140	
108-90-7	Chlorobenzene	10	ND	U
100-41-4	Ethylbenzene	10	ND	U
100-42-5	Styrene	10	ND	U
1330-20-7	Xylene (Total)	10	480	
108-05-4	Vinyl acetate	10	ND	U
75-69-4	Trichlorofluoromethane	10	ND	U
76-13-1	Trichlorotrifluoroethane	10	ND	U
156-60-5	Trans-1,2-dichloroethene	10	ND	U
541-73-1	1,3-Dichlorobenzene	10	ND	U
106-46-7	1,4-Dichlorobenzene	10	ND	U
95-50-1	1,2-Dichlorobenzene	10	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
(408)432-8192

Project ID	: SERVICE MANUFACTURE	Anametrix ID	: 9605199-06
Sample ID	: WS-4	Lab File ID	: MPY19906
Matrix	: WATER		
Date Sampled	: 05/20/96	% Moisture	:
Date Analyzed	: 05/30/96	Dilution Factor	: 2.0
Instrument ID	: msd1.i	Conc. Units	: ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	20	ND	U
74-83-9	Bromomethane	20	ND	U
75-01-4	Vinyl Chloride	20	ND	U
75-00-3	Chloroethane	20	ND	U
75-09-2	Methylene Chloride	10	ND	U
67-64-1	Acetone	40	ND	U
75-15-0	Carbon Disulfide	10	ND	U
75-35-4	1,1-Dichloroethene	10	ND	U
75-34-3	1,1-Dichloroethane	10	ND	U
156-59-2	Cis-1,2-Dichloroethene	10	ND	U
67-66-3	Chloroform	10	ND	U
107-06-2	1,2-Dichloroethane	10	ND	U
78-93-3	2-Butanone	40	ND	U
71-55-6	1,1,1-Trichloroethane	10	ND	U
56-23-5	Carbon Tetrachloride	10	ND	U
75-27-4	Bromodichloromethane	10	ND	U
78-87-5	1,2-Dichloropropane	10	ND	U
10061-01-5	cis-1,3-Dichloropropene	10	ND	U
79-01-6	Trichloroethene	10	ND	U
124-48-1	Dibromochloromethane	10	ND	U
79-00-5	1,1,2-Trichloroethane	10	ND	U
71-43-2	Benzene	10	ND	U
10061-02-6	trans-1,3-Dichloropropene	10	ND	U
75-25-2	Bromoform	10	ND	U
108-10-1	4-Methyl-2-Pentanone	20	ND	U
591-78-6	2-Hexanone	20	ND	U
127-18-4	Tetrachloroethene	10	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	10	ND	U
108-88-3	Toluene	10	320	
108-90-7	Chlorobenzene	10	ND	U
100-41-4	Ethylbenzene	10	140	
100-42-5	Styrene	10	ND	U
1330-20-7	Xylene (Total)	10	580	
108-05-4	Vinyl acetate	10	ND	U
75-69-4	Trichlorofluoromethane	10	ND	U
76-13-1	Trichlorotrifluoroethane	10	ND	U
156-60-5	Trans-1,2-dichloroethene	10	ND	U
541-73-1	1,3-Dichlorobenzene	10	ND	U
106-46-7	1,4-Dichlorobenzene	10	ND	U
95-50-1	1,2-Dichlorobenzene	10	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
(408)432-8192

Project ID	: SERVICE MANUFACTURE	Anametrix ID	: 9605199-07
Sample ID	: WS-5	Lab File ID	: MPY19907
Matrix	: WATER		
Date Sampled	: 05/20/96	% Moisture	:
Date Analyzed	: 06/01/96	Dilution Factor	: 1.0
Instrument ID	: msd2.i	Conc. Units	: ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10	ND	U
74-83-9	Bromomethane	10	ND	U
75-01-4	Vinyl Chloride	10	ND	U
75-00-3	Chloroethane	10	ND	U
75-09-2	Methylene Chloride	5	ND	U
67-64-1	Acetone	20	ND	U
75-15-0	Carbon Disulfide	5	ND	U
75-35-4	1,1-Dichloroethene	5	ND	U
[illegible]-34-3	1,1-Dichloroethane	5	ND	U
[illegible]6-59-2	Cis-1,2-Dichloroethene	5	ND	U
[illegible]-66-3	Chloroform	5	ND	U
[illegible]7-06-2	1,2-Dichloroethane	5	ND	U
[illegible]8-93-3	2-Butanone	20	ND	U
71-55-6	1,1,1-Trichloroethane	5	ND	U
56-23-5	Carbon Tetrachloride	5	ND	U
75-27-4	Bromodichloromethane	5	ND	U
78-87-5	1,2-Dichloropropane	5	ND	U
10061-01-5	cis-1,3-Dichloropropene	5	ND	U
79-01-6	Trichloroethene	5	ND	U
124-48-1	Dibromochloromethane	5	ND	U
79-00-5	1,1,2-Trichloroethane	5	ND	U
71-43-2	Benzene	5	ND	U
10061-02-6	trans-1,3-Dichloropropene	5	ND	U
75-25-2	Bromoform	5	ND	U
108-10-1	4-Methyl-2-Pentanone	10	ND	U
591-78-6	2-Hexanone	10	ND	U
127-18-4	Tetrachloroethene	5	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5	ND	U
108-88-3	Toluene	5	ND	U
108-90-7	Chlorobenzene	5	ND	U
100-41-4	Ethylbenzene	5	ND	U
100-42-5	Styrene	5	ND	U
1330-20-7	Xylene (Total)	5	ND	U
108-05-4	Vinyl acetate	5	ND	U
75-69-4	Trichlorofluoromethane	5	ND	U
76-13-1	Trichlorotrifluoroethane	5	ND	U
156-60-5	Trans-1,2-dichloroethene	5	ND	U
541-73-1	1,3-Dichlorobenzene	5	ND	U
106-46-7	1,4-Dichlorobenzene	5	ND	U
95-50-1	1,2-Dichlorobenzene	5	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
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Project ID : SERVICE MANUFACTURE
Sample ID : WS-6
Matrix : WATER
Date Sampled : 05/20/96
Date Analyzed : 05/30/96
Instrument ID : msd1.i

Anametrix ID : 9605199-08
Lab File ID : MPY19908

% Moisture :
Dilution Factor : 1.0
Conc. Units : ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10	ND	U
74-83-9	Bromomethane	10	ND	U
75-01-4	Vinyl Chloride	10	ND	U
75-00-3	Chloroethane	10	ND	U
75-09-2	Methylene Chloride	5	ND	U
67-64-1	Acetone	20	ND	U
75-15-0	Carbon Disulfide	5	ND	U
75-35-4	1,1-Dichloroethene	5	ND	U
75-34-3	1,1-Dichloroethane	5	ND	U
156-59-2	Cis-1,2-Dichloroethene	5	ND	U
67-66-3	Chloroform	5	ND	U
107-06-2	1,2-Dichloroethane	5	ND	U
78-93-3	2-Butanone	20	ND	U
71-55-6	1,1,1-Trichloroethane	5	ND	U
56-23-5	Carbon Tetrachloride	5	ND	U
75-27-4	Bromodichloromethane	5	ND	U
78-87-5	1,2-Dichloropropane	5	ND	U
10061-01-5	cis-1,3-Dichloropropene	5	ND	U
79-01-6	Trichloroethene	5	ND	U
124-48-1	Dibromochloromethane	5	ND	U
79-00-5	1,1,2-Trichloroethane	5	ND	U
71-43-2	Benzene	5	ND	U
10061-02-6	trans-1,3-Dichloropropene	5	ND	U
75-25-2	Bromoform	5	ND	U
108-10-1	4-Methyl-2-Pentanone	10	ND	U
591-78-6	2-Hexanone	10	ND	U
127-18-4	Tetrachloroethene	5	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5	ND	U
108-88-3	Toluene	5	ND	U
108-90-7	Chlorobenzene	5	ND	U
100-41-4	Ethylbenzene	5	ND	U
100-42-5	Styrene	5	ND	U
1330-20-7	Xylene (Total)	5	ND	U
108-05-4	Vinyl acetate	5	ND	U
75-69-4	Trichlorofluoromethane	5	ND	U
76-13-1	Trichlorotrifluoroethane	5	ND	U
156-60-5	Trans-1,2-dichloroethene	5	ND	U
541-73-1	1,3-Dichlorobenzene	5	ND	U
106-46-7	1,4-Dichlorobenzene	5	ND	U
95-50-1	1,2-Dichlorobenzene	5	ND	U

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INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
(408)432-8192

Project ID	: SERVICE MANUFACTURE	Anametrix ID	: 9605199-09
Sample ID	: WS-7	Lab File ID	: MPY19909
Matrix	: WATER		
Date Sampled	: 05/20/96	% Moisture	:
Date Analyzed	: 06/01/96	Dilution Factor	: 1.0
Instrument ID	: msd2.i	Conc. Units	: ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10	ND	U
74-83-9	Bromomethane	10	ND	U
[illegible]-01-4	Vinyl Chloride	10	ND	U
[illegible]-00-3	Chloroethane	10	ND	U
[illegible]-09-2	Methylene Chloride	5	ND	U
[illegible]-64-1	Acetone	20	ND	U
[illegible]-15-0	Carbon Disulfide	5	ND	U
75-35-4	1,1-Dichloroethene	5	ND	U
75-34-3	1,1-Dichloroethane	5	ND	U
156-59-2	Cis-1,2-Dichloroethene	5	ND	U
67-66-3	Chloroform	5	ND	U
107-06-2	1,2-Dichloroethane	5	ND	U
78-93-3	2-Butanone	20	ND	U
71-55-6	1,1,1-Trichloroethane	5	ND	U
56-23-5	Carbon Tetrachloride	5	ND	U
75-27-4	Bromodichloromethane	5	ND	U
78-87-5	1,2-Dichloropropane	5	ND	U
10061-01-5	cis-1,3-Dichloropropene	5	ND	U
79-01-6	Trichloroethene	5	ND	U
124-48-1	Dibromochloromethane	5	ND	U
79-00-5	1,1,2-Trichloroethane	5	ND	U
71-43-2	Benzene	5	ND	U
10061-02-6	trans-1,3-Dichloropropene	5	ND	U
75-25-2	Bromoform	5	ND	U
108-10-1	4-Methyl-2-Pentanone	10	ND	U
591-78-6	2-Hexanone	10	ND	U
127-18-4	Tetrachloroethene	5	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5	ND	U
108-88-3	Toluene	5	ND	U
108-90-7	Chlorobenzene	5	ND	U
100-41-4	Ethylbenzene	5	ND	U
100-42-5	Styrene	5	ND	U
1330-20-7	Xylene (Total)	5	ND	U
108-05-4	Vinyl acetate	5	ND	U
75-69-4	Trichlorofluoromethane	5	ND	U
76-13-1	Trichlorotrifluoroethane	5	ND	U
156-60-5	Trans-1,2-dichloroethene	5	ND	U
541-73-1	1,3-Dichlorobenzene	5	ND	U
106-46-7	1,4-Dichlorobenzene	5	ND	U
95-50-1	1,2-Dichlorobenzene	5	ND	U

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(408)432-8192

Project ID	: SERVICE MANUFACTURE	Anametrix ID	: 9605199-10
Sample ID	: WS-8	Lab File ID	: MPY19910
Matrix	: WATER		
Date Sampled	: 05/20/96	% Moisture	:
Date Analyzed	: 05/30/96	Dilution Factor	: 1.0
Instrument ID	: msd1.i	Conc. Units	: ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10	ND	U
74-83-9	Bromomethane	10	ND	U
75-01-4	Vinyl Chloride	10	ND	U
75-00-3	Chloroethane	10	ND	U
75-09-2	Methylene Chloride	5	ND	U
67-64-1	Acetone	20	ND	U
75-15-0	Carbon Disulfide	5	ND	U
75-35-4	1,1-Dichloroethene	5	ND	U
75-34-3	1,1-Dichloroethane	5	ND	U
156-59-2	Cis-1,2-Dichloroethene	5	ND	U
67-66-3	Chloroform	5	ND	U
107-06-2	1,2-Dichloroethane	5	ND	U
78-93-3	2-Butanone	20	ND	U
71-55-6	1,1,1-Trichloroethane	5	ND	U
56-23-5	Carbon Tetrachloride	5	ND	U
75-27-4	Bromodichloromethane	5	ND	U
78-87-5	1,2-Dichloropropane	5	ND	U
10061-01-5	cis-1,3-Dichloropropene	5	ND	U
79-01-6	Trichloroethene	5	ND	U
[illegible]4-48-1	Dibromochloromethane	5	ND	U
[illegible]-00-5	1,1,2-Trichloroethane	5	ND	U
[illegible]-43-2	Benzene	5	ND	U
10061-02-6	trans-1,3-Dichloropropene	5	ND	U
7[illegible]-25-2	Bromoform	5	ND	U
108-10-1	4-Methyl-2-Pentanone	10	ND	U
591-78-6	2-Hexanone	10	ND	U
127-18-4	Tetrachloroethene	5	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5	ND	U
108-88-3	Toluene	5	ND	U
108-90-7	Chlorobenzene	5	ND	U
100-41-4	Ethylbenzene	5	ND	U
100-42-5	Styrene	5	ND	U
1330-20-7	Xylene (Total)	5	ND	U
108-05-4	Vinyl acetate	5	ND	U
75-69-4	Trichlorofluoromethane	5	ND	U
76-13-1	Trichlorotrifluoroethane	5	ND	U
156-60-5	Trans-1,2-dichloroethene	5	ND	U
541-73-1	1,3-Dichlorobenzene	5	ND	U
106-46-7	1,4-Dichlorobenzene	5	ND	U
95-50-1	1,2-Dichlorobenzene	5	ND	U

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INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
(408)432-8192

Project ID	: SERVICE MANUFACTURE	Anametrix ID	: 9605199-11
Sample ID	: WS-9	Lab File ID	: MPY19911
Matrix	: WATER		
Date Sampled	: 05/20/96	% Moisture	: _____
Date Analyzed	: 05/30/96	Dilution Factor	: 1.0
Instrument ID	: msd1.i	Conc. Units	: ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10	ND	U
74-83-9	Bromomethane	10	ND	U
75-01-4	Vinyl Chloride	10	ND	U
75-00-3	Chloroethane	10	ND	U
75-09-2	Methylene Chloride	5	ND	U
67-64-1	Acetone	20	ND	U
75-15-0	Carbon Disulfide	5	ND	U
75-35-4	1,1-Dichloroethene	5	ND	U
75-34-3	1,1-Dichloroethane	5	ND	U
156-59-2	Cis-1,2-Dichloroethene	5	ND	U
67-66-3	Chloroform	5	ND	U
107-06-2	1,2-Dichloroethane	5	ND	U
78-93-3	2-Butanone	20	ND	U
71-55-6	1,1,1-Trichloroethane	5	ND	U
56-23-5	Carbon Tetrachloride	5	ND	U
75-27-4	Bromodichloromethane	5	ND	U
78-87-5	1,2-Dichloropropane	5	ND	U
10061-01-5	cis-1,3-Dichloropropene	5	ND	U
79-01-6	Trichloroethene	5	ND	U
124-48-1	Dibromochloromethane	5	ND	U
79-00-5	1,1,2-Trichloroethane	5	ND	U
71-43-2	Benzene	5	ND	U
10061-02-6	trans-1,3-Dichloropropene	5	ND	U
75-25-2	Bromoform	5	ND	U
108-10-1	4-Methyl-2-Pentanone	10	ND	U
591-78-6	2-Hexanone	10	ND	U
127-18-4	Tetrachloroethene	5	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5	ND	U
108-88-3	Toluene	5	ND	U
108-90-7	Chlorobenzene	5	ND	U
100-41-4	Ethylbenzene	5	ND	U
100-42-5	Styrene	5	ND	U
1330-20-7	Xylene (Total)	5	ND	U
108-05-4	Vinyl acetate	5	ND	U
75-69-4	Trichlorofluoromethane	5	ND	U
[illegible]-13-1	Trichlorotrifluoroethane	5	ND	U
[illegible]6-60-5	Trans-1,2-dichloroethene	5	ND	U
[illegible]1-73-1	1,3-Dichlorobenzene	5	ND	U
106-46-7	1,4-Dichlorobenzene	5	ND	U
95-50-1	1,2-Dichlorobenzene	5	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8240
INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
(408)432-8192

Project ID : SERVICE MANUFACTURE
Sample ID : SS-1
Matrix : SOIL
Date Sampled : 05/20/96
Date Analyzed : 06/01/96
Instrument ID : msd2.i

Anametrix ID : 9605199-16
Lab File ID : MPY19916

% Moisture :
Dilution Factor : 1.0
Conc. Units : ug/Kg

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10	ND	U
74-83-9	Bromomethane	10	ND	U
75-01-4	Vinyl Chloride	10	ND	U
75-00-3	Chloroethane	10	ND	U
75-09-2	Methylene Chloride	5	ND	U
67-64-1	Acetone	20	ND	U
75-15-0	Carbon Disulfide	5	ND	U
75-35-4	1,1-Dichloroethene	5	ND	U
75-34-3	1,1-Dichloroethane	5	ND	U
156-59-2	Cis-1,2-Dichloroethene	5	ND	U
67-66-3	Chloroform	5	ND	U
107-06-2	1,2-Dichloroethane	5	ND	U
78-93-3	2-Butanone	20	ND	U
71-55-6	1,1,1-Trichloroethane	5	ND	U
56-23-5	Carbon Tetrachloride	5	ND	U
75-27-4	Bromodichloromethane	5	ND	U
78-87-5	1,2-Dichloropropane	5	ND	U
10061-01-5	cis-1,3-Dichloropropene	5	ND	U
[illegible]-01-6	Trichloroethene	5	ND	U
[illegible]4-48-1	Dibromochloromethane	5	ND	U
[illegible]-00-5	1,1,2-Trichloroethane	5	ND	U
[illegible]-43-2	Benzene	5	ND	U
10061-02-6	trans-1,3-Dichloropropene	5	ND	U
75-25-2	Bromoform	5	ND	U
108-10-1	4-Methyl-2-Pentanone	10	ND	U
591-78-6	2-Hexanone	10	ND	U
127-18-4	Tetrachloroethene	5	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5	ND	U
108-88-3	Toluene	5	ND	U
108-90-7	Chlorobenzene	5	ND	U
100-41-4	Ethylbenzene	5	ND	U
100-42-5	Styrene	5	ND	U
1330-20-7	Xylene (Total)	5	ND	U
108-05-4	Vinyl acetate	5	ND	U
75-69-4	Trichlorofluoromethane	5	ND	U
76-13-1	Trichlorotrifluoroethane	5	ND	U
156-60-5	Trans-1,2-dichloroethene	5	ND	U
541-73-1	1,3-Dichlorobenzene	5	ND	U
106-46-7	1,4-Dichlorobenzene	5	ND	U
95-50-1	1,2-Dichlorobenzene	5	ND	U

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INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
(408)432-8192

Project ID	: SERVICE MANUFACTURE	Anametrix ID	: BY3001A2
Sample ID	: VBLKHK	Lab File ID	: BY3001A2
Matrix	: WATER		
Date Sampled	:	% Moisture	:
Date Analyzed	: 05/30/96	Dilution Factor	: 1.0
Instrument ID	: msd1.i	Conc. Units	: ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10	ND	U
74-83-9	Bromomethane	10	ND	U
75-01-4	Vinyl Chloride	10	ND	U
75-00-3	Chloroethane	10	ND	U
75-09-2	Methylene Chloride	5	ND	U
67-64-1	Acetone	20	ND	U
75-15-0	Carbon Disulfide	5	ND	U
75-35-4	1,1-Dichloroethene	5	ND	U
75-34-3	1,1-Dichloroethane	5	ND	U
156-59-2	Cis-1,2-Dichloroethene	5	ND	U
67-66-3	Chloroform	5	ND	U
107-06-2	1,2-Dichloroethane	5	ND	U
78-93-3	2-Butanone	20	ND	U
71-55-6	1,1,1-Trichloroethane	5	ND	U
56-23-5	Carbon Tetrachloride	5	ND	U
75-27-4	Bromodichloromethane	5	ND	U
78-87-5	1,2-Dichloropropane	5	ND	U
10061-01-5	cis-1,3-Dichloropropene	5	ND	U
79-01-6	Trichloroethene	5	ND	U
124-48-1	Dibromochloromethane	5	ND	U
79-00-5	1,1,2-Trichloroethane	5	ND	U
71-43-2	Benzene	5	ND	U
10061-02-6	trans-1,3-Dichloropropene	5	ND	U
75-25-2	Bromoform	5	ND	U
108-10-1	4-Methyl-2-Pentanone	10	ND	U
591-78-6	2-Hexanone	10	ND	U
127-18-4	Tetrachloroethene	5	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5	ND	U
108-88-3	Toluene	5	ND	U
108-90-7	Chlorobenzene	5	ND	U
100-41-4	Ethylbenzene	5	ND	U
100-42-5	Styrene	5	ND	U
1330-20-7	Xylene (Total)	5	ND	U
108-05-4	Vinyl acetate	5	ND	U
75-69-4	Trichlorofluoromethane	5	ND	U
76-13-1	Trichlorotrifluoroethane	5	ND	U
156-60-5	Trans-1,2-dichloroethene	5	ND	U
541-73-1	1,3-Dichlorobenzene	5	ND	U
106-46-7	1,4-Dichlorobenzene	5	ND	U
95-50-1	1,2-Dichlorobenzene	5	ND	U

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INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
(408)432-8192

Project ID	: SERVICE MANUFACTURE	Anametrix ID	: BY3102A1
Sample ID	: VBLKHW	Lab File ID	: BY3102A1
Matrix	: SOIL		
Date Sampled	:	% Moisture	:
Date Analyzed	: 05/31/96	Dilution Factor	: 1.0
Instrument ID	: msd2.i	Conc. Units	: ug/Kg

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10	ND	U
74-83-9	Bromomethane	10	ND	U
75-01-4	Vinyl Chloride	10	ND	U
75-00-3	Chloroethane	10	ND	U
75-09-2	Methylene Chloride	5	3	J
67-64-1	Acetone	20	7	J
75-15-0	Carbon Disulfide	5	ND	U
75-35-4	1,1-Dichloroethene	5	ND	U
[illegible]-34-3	1,1-Dichloroethane	5	ND	U
[illegible]6-59-2	Cis-1,2-Dichloroethene	5	ND	U
[illegible]-66-3	Chloroform	5	ND	U
[illegible]7-06-2	1,2-Dichloroethane	5	ND	U
[illegible]-93-3	2-Butanone	20	ND	U
71-55-6	1,1,1-Trichloroethane	5	ND	U
56-23-5	Carbon Tetrachloride	5	ND	U
75-27-4	Bromodichloromethane	5	ND	U
78-87-5	1,2-Dichloropropane	5	ND	U
10061-01-5	cis-1,3-Dichloropropene	5	ND	U
79-01-6	Trichloroethene	5	ND	U
124-48-1	Dibromochloromethane	5	ND	U
79-00-5	1,1,2-Trichloroethane	5	ND	U
71-43-2	Benzene	5	ND	U
10061-02-6	trans-1,3-Dichloropropene	5	ND	U
75-25-2	Bromoform	5	ND	U
108-10-1	4-Methyl-2-Pentanone	10	ND	U
591-78-6	2-Hexanone	10	ND	U
127-18-4	Tetrachloroethene	5	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5	ND	U
108-88-3	Toluene	5	ND	U
108-90-7	Chlorobenzene	5	ND	U
100-41-4	Ethylbenzene	5	ND	U
100-42-5	Styrene	5	ND	U
1330-20-7	Xylene (Total)	5	ND	U
108-05-4	Vinyl acetate	5	ND	U
75-69-4	Trichlorofluoromethane	5	ND	U
76-13-1	Trichlorotrifluoroethane	5	ND	U
156-60-5	Trans-1,2-dichloroethene	5	ND	U
541-73-1	1,3-Dichlorobenzene	5	ND	U
106-46-7	1,4-Dichlorobenzene	5	ND	U
95-50-1	1,2-Dichlorobenzene	5	ND	U

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INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
(408)432-8192

Project ID	: SERVICE MANUFACTURE	Anametrix ID	: BU0102A2
Sample ID	: VBLKHY	Lab File ID	: BU0102A2
Matrix	: WATER		
Date Sampled	:	% Moisture	:
Date Analyzed	: 06/01/96	Dilution Factor	: 1.0
Instrument ID	: msd2.i	Conc. Units	: ug/L

CAS NO.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
74-87-3	Chloromethane	10	ND	U
74-83-9	Bromomethane	10	ND	U
75-01-4	Vinyl Chloride	10	ND	U
75-00-3	Chloroethane	10	ND	U
75-09-2	Methylene Chloride	5	ND	U
67-64-1	Acetone	20	ND	U
75-15-0	Carbon Disulfide	5	ND	U
75-35-4	1,1-Dichloroethene	5	ND	U
75-34-3	1,1-Dichloroethane	5	ND	U
156-59-2	Cis-1,2-Dichloroethene	5	ND	U
67-66-3	Chloroform	5	ND	U
107-06-2	1,2-Dichloroethane	5	ND	U
78-93-3	2-Butanone	20	ND	U
71-55-6	1,1,1-Trichloroethane	5	ND	U
56-23-5	Carbon Tetrachloride	5	ND	U
75-27-4	Bromodichloromethane	5	ND	U
78-87-5	1,2-Dichloropropane	5	ND	U
10061-01-5	cis-1,3-Dichloropropene	5	ND	U
[illegible]-01-6	Trichloroethene	5	ND	U
[illegible]4-48-1	Dibromochloromethane	5	ND	U
[illegible]-00-5	1,1,2-Trichloroethane	5	ND	U
[illegible]-43-2	Benzene	5	ND	U
10061-02-6	trans-1,3-Dichloropropene	5	ND	U
75-25-2	Bromoform	5	ND	U
108-10-1	4-Methyl-2-Pentanone	10	ND	U
591-78-6	2-Hexanone	10	ND	U
127-18-4	Tetrachloroethene	5	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	5	ND	U
108-88-3	Toluene	5	ND	U
108-90-7	Chlorobenzene	5	ND	U
100-41-4	Ethylbenzene	5	ND	U
100-42-5	Styrene	5	ND	U
1330-20-7	Xylene (Total)	5	ND	U
108-05-4	Vinyl acetate	5	ND	U
75-69-4	Trichlorofluoromethane	5	ND	U
76-13-1	Trichlorotrifluoroethane	5	ND	U
156-60-5	Trans-1,2-dichloroethene	5	ND	U
541-73-1	1,3-Dichlorobenzene	5	ND	U
106-46-7	1,4-Dichlorobenzene	5	ND	U
95-50-1	1,2-Dichlorobenzene	5	ND	U

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8240
INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
(408)432-8192

Project ID : SERVICE MANUFACTURE Anametrix ID : 9605199
Matrix : WATER

	EPA SAMPLE NO.	SMC1 (TOL)#	SMC2 (BFB)#	SMC3 (DCE)#	OTHER	TOT OUT
01	VBLKHK	124	101	105		0
02	VLCSNJ	110	111	105		0
03	VLCSDS1	110	106	108		0
04	WS-6	106	100	106		0
05	WS-9	109	92	94		0
06	WS-8	114	107	104		0
07	WS-3	112	113	108		0
08	WS-4	110	114	108		0
09	VBLKHY	96	90	91		0
10	VLCSDS8	98	91	91		0
11	VLCSNR	96	94	91		0
12	TRIP.B	97	90	91		0
13	WS-1	97	90	91		0
14	WS-2	97	90	91		0
15	WS-5	97	90	91		0
16	WS-7	97	90	90		0
17						
18						
19						
20						
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22						
23						
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26						
27						
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29						
30						

	QC LIMITS
SMC1 (TOL) = Toluene-d8	(86-128)
SMC2 (BFB) = Bromofluorobenzene	(80-128)
SMC3 (DCE) = 1,2-Dichloroethane-d4	(80-129)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8240
INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
(408)432-8192

Project ID : SERVICE MANUFACTURE Anametrix ID : 9605199
Matrix : SOIL Level:(low/med) LOW

	EPA SAMPLE NO.	SMC1 (TOL)#	SMC2 (BFB)#	SMC3 (DCE)#	OTHER	TOT OUT
01	VBLKHW	86	80	87		0
02	VLCSNP	85	81	90		0
03	VLCSDS7	86	82	88		0
04	SS-1	86	82	88		0
05						
06						
07						
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	QC LIMITS
SMC1 (TOL) = Toluene-d8	(70-130)
SMC2 (BFB) = Bromofluorobenzene	(70-130)
SMC3 (DCE) = 1,2-Dichloroethane-d4	(70-130)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

LAB CONTROL SAMPLE FORM -- EPA METHOD 8240
INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
(408)432-8192

Project ID : SERVICES MANUFACTURE Lab File ID : MY3001A2/NY3001A
Sample ID : VBLKHK
Matrix : WATER
Date Sampled : N/A
Prep. Batch ID : msd01y30a2a
Date Analyzed : 05/30/96
Instrument ID : msd1.i

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMIT REC.
1,1-Dichloroethene	50	0.0	54	108	67-15
Trichloroethene	50	0.0	54	108	85-13
Benzene	50	0.0	53	106	75-13
Toluene	50	0.0	52	104	69-13
Chlorobenzene	50	0.0	52	104	78-13

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	50	51	102	6	25	67-15
Trichloroethene	50	53	106	2	25	85-13
Benzene	50	52	104	2	25	75-13
Toluene	50	52	104	0	25	69-13
Chlorobenzene	50	51	102	2	25	78-13

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

LAB CONTROL SAMPLE FORM -- EPA METHOD 8240
INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
(408)432-8192

Project ID : SERVICE MANUFACTURE Lab File ID : MY3101A1/NY3101A1
Sample ID : VBLKHW
Matrix : SOIL
Date Sampled : N/A
Prep. Batch ID : msd02y31a1a
Date Analyzed : 05/31/96
Instrument ID : msd2.i

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	50	0.0	48	96	78-150
Trichloroethene	50	0.0	48	96	64-135
Benzene	50	0.0	50	100	85-120
Toluene	50	0.0	48	96	88-119
Chlorobenzene	50	0.0	48	96	86-116

COMPOUND	SPIKE ADDED (ug/Kg)	LCSD CONCENTRATION (ug/Kg)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	50	49	98	2	25	78-150
Trichloroethene	50	49	98	2	25	64-135
Benzene	50	51	102	2	25	85-120
Toluene	50	49	98	2	25	88-119
Chlorobenzene	50	49	98	2	25	86-116

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

LAB CONTROL SAMPLE FORM -- EPA METHOD 8240
INCHCAPE TESTING SERVICES - ANAMETRIX LABORATORIES
(408)432-8192

Project ID : SERVICE MANUFACURE
Sample ID : VBLKHY
Matrix : WATER
Date Sampled : N/A
Prep. Batch ID : msd02u01a2a
Date Analyzed : 06/01/96
Instrument ID : msd2.i

Lab File ID : MU0102A2/NU0101A2

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	50	0.0	50	100	72-145
Trichloroethene	50	0.0	45	90	61-140
Benzene	50	0.0	46	92	83-125
Toluene	50	0.0	44	88	82-123
Chlorobenzene	50	0.0	44	88	82-125

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	50	47	94	6	25	72-145
Trichloroethene	50	42	84	7	25	61-140
Benzene	50	44	88	4	25	83-125
Toluene	50	42	84	5	25	82-123
Chlorobenzene	50	43	86	2	25	82-125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

COMMENTS: _____

GC VOA REPORT DESCRIPTION

Organic Analysis Data Sheets (OADS)
OADS forms contain tabulated results for target compounds. The OADS are grouped by method and, within each method, organized sequentially in order of increasing Inchcape Testing Services ID number.

Surrogate Recovery Summary (SRS)
SRS forms contain quality assurance data. An SRS form will be printed for each method, if the method requires surrogate compounds. They will list surrogate percent recoveries for all samples and any method blanks. Any surrogate recovery outside the established limits will be flagged with an "*", and the total number of surrogates outside the limits will be listed in the column labeled "Total Out."

Matrix Spike Recovery Form (MSR)
MSR forms contain quality assurance data. They summarize percent recovery and relative percent difference information for matrix spikes and matrix spike duplicates. This information is a statement of both accuracy and precision. Any percent recovery or relative percent difference outside established limits will be flagged with an "*", and the total number outside the limits will be listed at the bottom of the page. Not all reports will contain an MSR form.

Qualifiers
Inchcape Testing Services uses several data qualifiers (Q) in its report forms. These qualifiers give additional information on the compounds reported. They should help a data reviewer to verify the integrity of the analytical results. The following is a list of qualifiers and their meanings:

- **U** - Indicates that the compound was analyzed for, but was not detected at or above the specified reporting limit.
- **B** - Indicates that the compound was detected in the associated method blank.
- **J** - Indicates that the compound was detected at an amount below the specified reporting limit. Consequently, the amount should be considered an approximate value. Tentatively identified compounds will always have a "J" qualifier because they are not included in the instrument calibration.
- **E** - Indicates that the reported amount exceeded the linear range of the instrument calibration.
- **D** - Indicates that the compound was detected in an analysis performed at a secondary dilution.

Absence of a qualifier indicates that the compound was detected at a concentration at or above the specified reporting limit.

REPORTING CONVENTIONS

- Due to a size limitation in our data processing step, only the first eight (8) characters of your project ID and sample ID will be printed on the report forms. However, the report cover letter and report summary pages display up to twenty (20) characters of your project and sample IDs.
- Amounts reported are gross values, i.e., not corrected for method blank contamination.

REPORT SUMMARY
INCHCAPE, INC. (408)432-8192

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9605199
Date Received : 05/20/96
Project ID : SERVICE MANUFACTUR
Purchase Order: N/A
Department : GC
Sub-Department: VOA

SAMPLE INFORMATION:

INCHCAPE SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9605199-15	SS-2	SOIL	05/20/96	8010

REPORT SUMMARY
INCHCAPE, INC. (408)432-8192

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9605199
Date Received : 05/20/96
Project ID : SERVICE MANUFACTUR
Purchase Order: N/A
Department : GC
Sub-Department: VOA

QA/QC SUMMARY :

- All holding times have been met for the analyses reported in this section.

M. Hasseine 6/14/96
Department Supervisor Date

Kamel G. Kamel 6/14/96
Chemist Date

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8010
ANAMETRIX, INC. (408)432-8192

Project ID : SERVICE
Sample ID : SS-2
Matrix : SOIL
Date Sampled : 5/20/96
Date Analyzed : 6/ 1/96
Instrument ID : AD14

Anametrix ID : 9605199-15
Analyst : KC
Supervisor : mL

Dilution Factor : 2.0
Conc. Units : ug/Kg

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
75-71-8	Dichlorodifluoromethane	2.0	ND	U
74-87-3	Chloromethane	2.0	ND	U
75-01-4	Vinyl chloride	2.0	ND	U
74-83-9	Bromomethane	2.0	ND	U
75-00-3	Chloroethane	2.0	ND	U
75-69-4	Trichlorofluoromethane	2.0	ND	U
76-13-1	Trichlorotrifluoroethane	2.0	ND	U
75-35-4	1,1-Dichloroethene	2.0	ND	U
75-09-2	Methylene chloride	10.	ND	U
156-60-5	trans-1,2-Dichloroethene	2.0	ND	U
75-34-3	1,1-Dichloroethane	2.0	ND	U
156-59-2	cis-1,2-Dichloroethene	2.0	ND	U
67-66-3	Chloroform	2.0	ND	U
71-55-6	1,1,1-Trichloroethane	2.0	ND	U
56-23-5	Carbon tetrachloride	2.0	ND	U
107-06-2	1,2-Dichloroethane	2.0	ND	U
79-01-6	Trichloroethene	2.0	ND	U
78-87-5	1,2-Dichloropropane	2.0	ND	U
75-27-4	Bromodichloromethane	2.0	ND	U
10061-01-5	cis-1,3-Dichloropropene	2.0	ND	U
10061-02-6	trans-1,3-Dichloropropene	2.0	ND	U
79-00-5	1,1,2-Trichloroethane	2.0	ND	U
127-18-4	Tetrachloroethene	2.0	ND	U
124-48-1	Dibromochloromethane	2.0	ND	U
108-90-7	Chlorobenzene	2.0	ND	U
75-25-2	Bromoform	2.0	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	ND	U
541-73-1	1,3-Dichlorobenzene	2.0	ND	U
106-46-7	1,4-Dichlorobenzene	2.0	ND	U
95-50-1	1,2-Dichlorobenzene	2.0	ND	U

ORGANIC ANALYSIS DATA SHEET -- EPA METHOD 8010
ANAMETRIX, INC. (408)432-8192

Project ID : SERVIC
Sample ID : VBLKE1
Matrix : SOIL
Date Sampled : 0/ 0/ 0
Date Analyzed : 5/31/96
Instrument ID : AD14

Anametrix ID : BY3103I1
Analyst : KC
Supervisor : NL

Dilution Factor : 2.0
Conc. Units : ug/Kg

CAS No.	COMPOUND NAME	REPORTING LIMIT	AMOUNT DETECTED	Q
75-71-8	Dichlorodifluoromethane	2.0	ND	U
74-87-3	Chloromethane	2.0	ND	U
75-01-4	Vinyl chloride	2.0	ND	U
74-83-9	Bromomethane	2.0	ND	U
75-00-3	Chloroethane	2.0	ND	U
75-69-4	Trichlorofluoromethane	2.0	ND	U
76-13-1	Trichlorotrifluoroethane	2.0	ND	U
75-35-4	1,1-Dichloroethene	2.0	ND	U
75-09-2	Methylene chloride	10.	ND	U
156-60-5	trans-1,2-Dichloroethene	2.0	ND	U
75-34-3	1,1-Dichloroethane	2.0	ND	U
156-59-2	cis-1,2-Dichloroethene	2.0	ND	U
67-66-3	Chloroform	2.0	ND	U
71-55-6	1,1,1-Trichloroethane	2.0	ND	U
56-23-5	Carbon tetrachloride	2.0	ND	U
107-06-2	1,2-Dichloroethane	2.0	ND	U
79-01-6	Trichloroethene	2.0	ND	U
78-87-5	1,2-Dichloropropane	2.0	ND	U
75-27-4	Bromodichloromethane	2.0	ND	U
10061-01-5	cis-1,3-Dichloropropene	2.0	ND	U
10061-02-6	trans-1,3-Dichloropropene	2.0	ND	U
79-00-5	1,1,2-Trichloroethane	2.0	ND	U
127-18-4	Tetrachloroethene	2.0	ND	U
124-48-1	Dibromochloromethane	2.0	ND	U
108-90-7	Chlorobenzene	2.0	ND	U
75-25-2	Bromoform	2.0	ND	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	ND	U
541-73-1	1,3-Dichlorobenzene	2.0	ND	U
106-46-7	1,4-Dichlorobenzene	2.0	ND	U
95-50-1	1,2-Dichlorobenzene	2.0	ND	U

SURROGATE RECOVERY SUMMARY -- EPA METHOD 8010
ANAMETRIX, INC. (408)432-8192

Project ID : SERVICE
Matrix : SOLID

Anametrix ID : 9605199
Analyst :
Supervisor : DL

	SAMPLE ID	SU1	SU2	SU3
1	VBLKE1	94	91	93
2	SS-2	96	92	91
3				
4				
5				
6				
7				
8				
9				
10				
11				
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30				

	QC LIMITS
SU1 = Bromochloromethane	(59-121)
SU2 = 1-Chloro-2-fluorobenze	(63-128)
SU3 = 2-Bromochlorobenzene	(38-159)

* Values outside of Anametrix QC limits

EPA METHOD 8010
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

LABORATORY CONTROL SAMPLE

Sample ID: LAB CONTROL SAMPLE
Batch: 5199
Matrix: SOIL
Date Analyzed: 5/31/96

Laboratory ID: MY3101I1
Instrument ID: AD14
Concentration Units: ug/Kg
Analyst: TG
Supervisor: NL

COMPOUND NAME	SPIKE AMOUNT	LCS REC	%REC LCS	%RECOVERY LIMITS
Trichlorotrifluoroethane	20	17.2	86%	60-125
1,1-Dichloroethene	20	18.6	93%	59-130
trans-1,2-Dichloroethene	20	20.5	103%	81-125
1,1-Dichloroethane	20	20.9	105%	78-137
cis-1,2-Dichloroethene	20	19.6	98%	72-134
1,1,1-Trichloroethane	20	18.2	91%	83-123
Trichloroethene	20	19.1	96%	81-125
Tetrachloroethene	20	17.8	89%	72-131
Chlorobenzene	20	19.0	95%	69-117
1,3-Dichlorobenzene	20	19.6	98%	63-124
1,4-Dichlorobenzene	20	19.8	99%	65-124
1,2-Dichlorobenzene	20	20.9	105%	63-124

SURROGATE NAME	SPIKE AMT	SURR. REC	% REC	% REC LIMITS
Bromochloromethane	28	27.1	97%	59-121
1-Chloro-2-fluorobenzene	28	26.8	96%	63-128
2-Bromochlorobenzene	28	28.2	101%	38-159

EPA METHOD 8010
INCHCAPE TESTING SERVICES - ANAMETRIX
(408) 432-8192

LABORATORY CONTROL SAMPLE

Sample ID: LAB CONTROL SAMPLE
Batch: 5199
Matrix: SOIL
Date Analyzed: 5/31/96

Laboratory ID: NY3101I1
Instrument ID: AD14
Concentration Units: ug/Kg
Analyst:
Supervisor:

COMPOUND NAME	SPIKE AMOUNT	LCS REC	%REC LCS	%RECOVERY LIMITS
Trichlorotrifluoroethane	20	17.0	85%	60-125
1,1-Dichloroethene	20	17.7	89%	59-130
trans-1,2-Dichloroethene	20	19.0	95%	81-125
1,1-Dichloroethane	20	19.6	98%	78-137
cis-1,2-Dichloroethene	20	18.4	92%	72-134
1,1,1-Trichloroethane	20	17.6	88%	83-123
Trichloroethene	20	17.8	89%	81-125
Tetrachloroethene	20	17.2	86%	72-131
Chlorobenzene	20	17.8	89%	69-117
1,3-Dichlorobenzene	20	18.0	90%	63-124
1,4-Dichlorobenzene	20	18.2	91%	65-124
1,2-Dichlorobenzene	20	19.4	97%	63-124

SURROGATE NAME	SPIKE AMT	SURR. REC	% REC	% REC LIMITS
Bromochloromethane	28	26.6	95%	59-121
1-Chloro-2-fluorobenzene	28	28.0	100%	63-128
2-Bromochlorobenzene	28	28.0	100%	38-159

INCHCAPE TESTING SERVICES, SAN JOSE LABORATORIES
REPORT DESCRIPTION - INORGANICS

Analytical Data Report (ADR)

The ADR contains tabulated results for inorganic analytes. All field samples, QC samples and blanks were prepared and analyzed according to procedures in the following references:

- "Test Methods for Evaluating Solid Waste," SW-846, EPA, 3rd Edition, November 1986.
- "Methods for Chemical Analysis of Water and Wastes," EPA, 3rd Edition, 1983.
- CCR Title 22, Section 66261, Appendix II, California Waste Extraction Test.
- CCR Title 22, Section 66261, Appendix XI, Organic Lead.
- "Standard Methods for the Examination of Water and Wastewater," APHA, AWWA, WEF, 18th Edition, 1992.
- USEPA Contract Laboratory Program Statement of Work for Inorganic Analyses, ILM02.1, 1991.

Matrix Spike Report (MSR)

The MSR summarizes percent recovery and relative percent difference information for matrix spikes and matrix spike duplicates. This information is a statement of both accuracy and precision. MSRs may not be provided with all analytical reports. ITS-SJ control limit for MSR is 75-125% with 25% for RPD limits, except for Method 6010A, which is 80-120% with 25% RPD limits.

Laboratory Control Sample Report (LCSR)

The LCSR summarizes percent recovery information for laboratory control spikes on reagent water or soil. This information is a statement of performance for the method, i.e., the samples are properly prepared and analyzed according to the applicable methods. ITS-SJ control limit for LCSR is 80-120%.

Method Blank Report (MBR)

The MBR summarizes quality control information for reagents used in preparing samples. The absolute value of each analyte measured in the method blank should be below the method reporting limit for that analyte.

Post Digestion Spike Report (PDSR)

The PDSR summarizes percent recovery information for post digestion spikes. A post digestion spike is performed for a particular analyte if the matrix spike recovery is outside of established control limits. Any percent recovery for a post digestion spike outside of established limits for an analyte indicates probable matrix effects and interferences for that analyte. ITS-SJ control limit for PDSR is 75-125%.

Qualifiers (Q)

ITS-SJ uses several data qualifiers in inorganic reports. These qualifiers give additional information on the analytes reported. The following is a list of qualifiers and their meanings:

- I - Sample was analyzed at the stated dilution due to interferences.
- U - Analyte concentration was below the method reporting limit. For matrix and post digestion spike reports, a value of "0.0" is entered for calculation of the percent recovery.
- B - Sample concentration was below the reporting limit but above the instrument detection limit. Result is entered for calculation of the percent recovery only.
- H - Spike percent recovery is not calculated due to possible interferences from relatively high concentration level of the analyte in the unspiked sample.
- L - Reporting limit was increased to compensate for background absorbances or matrix interferences.

Comment Codes

In addition to qualifiers, the following codes are used in the comment section of all reports to give additional information about sample preparation methods:

- A - Sample was prepared for silver based on the silver digestion method developed by the Southern California Laboratory, Department of Health Services, "Acid Digestion for Sediments, Sludges, Soils and Solid Wastes. A Proposed Alternative to EPA SW846, Method 3050." Environmental Science and Technology, 1989, 23, 898-900.
- T - Spikes were prepared after extraction by the Toxicity Characteristic Leaching Procedure (TCLP).
- C - Spikes were prepared after extraction by the California Waste Extraction Test (CWET) method.
- D - Reported results are dissolved, not total, metals.

Reporting Conventions

Analytical values reported are gross values, i.e., <u>not</u> corrected for method blank contamination. Solid matrices are reported on a wet weight basis, unless specifically requested otherwise.

REPORT SUMMARY
INCHCAPE, INC. (408)432-8192

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9605199
Date Received : 05/20/96
Project ID : SERVICE MANUFACTU
Purchase Order: N/A
Department : METALS
Sub-Department: METALS

SAMPLE INFORMATION:

INCHCAPE SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9605199- 1	SUMP-1	WATER	05/20/96	7196
9605199-12	STLC-1	SOIL	05/20/96	CWET-INORG
9605199-14	STLC-3	SOIL	05/20/96	CWET-INORG
9605199-12	STLC-1	SOIL	05/20/96	CWETMETALS
9605199-13	STLC-2	SOIL	05/20/96	CWETMETALS
9605199-14	STLC-3	SOIL	05/20/96	CWETMETALS

REPORT SUMMARY
INCHCAPE, INC. (408)432-8192

MR. TOM PRICE
ENVIRONMENTAL TESTING & MGMT.
2916 MAGLIOCCO DR. SUITE 2
SAN JOSE, CA 95128

Workorder # : 9605199
Date Received : 05/20/96
Project ID : SERVICE MANUFACTUR
Purchase Order: N/A
Department : METALS
Sub-Department: METALS

QA/QC SUMMARY :

- All holding times have been met for the analyses reported in this section.
- Sample STLC-2 was cancelled on 05/23/96 per client for CWET Metals.

Mona Kamel for 06/06/96
Department Supervisor Date

6/6/96
Chemist Date

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192
DATA REPORT

ITS-SJ Sample ID: 9605199-12
Client Sample ID: STLC-1
Client Project Number: SERVICE MANUFACTURE
Matrix: SOIL

SDG #: N/A
Date Sampled: 05/20/96
Analyst: [illegible]
Supervisor: MK

Analyte	Prep. Method	Analytical Method	Instr. ID	Date Prepared	Date Analyzed	Dil. Factor	Units	Reporting Limit	Results	Q
Arsenic-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	0.10	ND	
Barium-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	1.0	4.0	
Cadmium-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	0.050	0.14	
Chromium-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	0.10	0.16	
Lead-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	0.40	0.42	
Mercury-STLC	7470A	7470A	HGA2	05/30/96	05/31/96	1	mg/L	0.0010	ND	
Selenium-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	0.20	ND	
Silver-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	0.10	ND	

COMMENTS:

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192
DATA REPORT

ITS-SJ Sample ID: **9605199-14**
Client Sample ID: **STLC-3**
Client Project Number: **SERVICE MANUFACTURE**
Matrix: **SOIL**

SDG #: N/A
Date Sampled: **05/20/96**
Analyst: Y
Supervisor: M H

Analyte	Prep. Method	Analytical Method	Instr. ID	Date Prepared	Date Analyzed	Dil. Factor	Units	Reporting Limit	Results	Q
Arsenic-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	0.10	ND	
Barium-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	1.0	5.1	
Cadmium-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	0.050	ND	
Chromium-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	0.10	0.37	
Lead-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	0.40	1.4	
Mercury-STLC	7470A	7470A	HGA2	05/30/96	05/31/96	1	mg/L	0.0010	ND	
Selenium-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	0.20	ND	
Silver-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	0.10	ND	

COMMENTS:

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192
DATA REPORT

Analyte-Method: **Hexavalent Chromium-7196A**
Client Project Number: **SERVICE MANUFACTURE**
Matrix - Units: **WATER - mg/L**

SDG #: N/A
Analyst: T
Supervisor: MW

ITS-SJ Sample ID	Client Sample ID	Prep. Method	Instr. ID	Date Sampled	Date Prepared	Date Analyzed	D.F.	Reporting Limit	Results	Q
9605199-01	SUMP-1	7196A	SPE2	05/20/96	05/21/96	05/21/96	1	0.010	ND	
BY216WA	METHOD BLANK	7196A	SPE2	N/A	05/21/96	05/21/96	1	0.010	ND	

COMMENTS:

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
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METHOD BLANK REPORT

ITS-SJ Sample ID: BY246EA, BY306EA
Client Sample ID: N/A
ITS-SJ WO #: 9605199
Client Project Number: SERVICE MANUFACTURE
Matrix: SOIL

SDG #: N/A
Analyst: S
Supervisor: MK

Analyte	Prep. Method	Analytical Method	Instr. ID	Date Prepared	Date Analyzed	Dil. Factor	Units	Reporting Limit	Results	Q
Arsenic-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	0.10	ND	
Barium-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	1.0	ND	
Cadmium-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	0.050	ND	
Chromium-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	0.10	ND	
Lead-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	0.40	ND	
Mercury-STLC	7470A	7470A	HGA2	05/30/96	05/31/96	1	mg/L	0.0010	ND	
Selenium-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	0.20	ND	
Silver-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	0.10	ND	

COMMENTS:

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192

SAMPLE DUPLICATE REPORT

ITS-SJ Sample ID: 9605199-12D
Client Sample ID: STLC-1
Client Project Number: SERVICE MANUFACTURE
Matrix: SOIL

SDG #: N/A
Analyst:
Supervisor:

Analyte	Prep. Method	Analyt. Method	Instr. ID	Date Prepared	Date Analyzed	Dil. Factor	Units	Sample Conc.	Sample Duplicate Conc.	RPD	Q
Mercury-STLC	7470A	7470A	HGA2	05/30/96	05/31/96	1	mg/L	ND	ND	N/A	

COMMENTS:

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192

SAMPLE DUPLICATE REPORT

ITS-SJ Sample ID: 9605199-01D
Client Sample ID: SUMP-1
Client Project Number: SERVICE MANUFACTURE
Matrix: WATER

SDG #: N/A
Analyst:
Supervisor:

Analyte	Prep. Method	Analyt. Method	Instr. ID	Date Prepared	Date Analyzed	Dil. Factor	Units	Sample Conc.	Sample Duplicate Conc.	RPD	Q
Hexavalent Chromium	7196A	7196A	SPE2	05/21/96	05/21/96	1	mg/L	ND	ND	N/A	

COMMENTS:

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192
MATRIX SPIKE REPORT

ITS-SJ Sample ID: 9605199-13MS
Client Sample ID: STLC-2
Client Proj. Number: SERVICE MANUFACTURE
Matrix: SOIL

SDG #: N/A
Analyst: [illegible]
Supervisor: MW

Analyte	Analyt. Method	Instr. I.D.	Date Prepared	Date Analyzed	Units	Spike Amount	Sample Conc.	Matrix Spike Conc.	% Rec.				Q
Arsenic-STLC	6010A	ICP2	05/24/96	05/29/96	mg/L	5.0	0.22	5.5	106				
Barium-STLC	6010A	ICP2	05/24/96	05/29/96	mg/L	25.0	7.0	30.5	94.0				
Cadmium-STLC	6010A	ICP2	05/24/96	05/29/96	mg/L	1.0	0.47	1.4	93.0				
Chromium-STLC	6010A	ICP2	05/24/96	05/29/96	mg/L	5.0	4.9	9.9	100				
Lead-STLC	6010A	ICP2	05/24/96	05/29/96	mg/L	5.0	16.1	21.2	102				
Selenium-STLC	6010A	ICP2	05/24/96	05/29/96	mg/L	1.0	0.0	1.2	120				U
Silver-STLC	6010A	ICP2	05/24/96	05/29/96	mg/L	5.0	0.0	4.8	96.0				U

COMMENTS: "C"

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192
MATRIX SPIKE REPORT

ITS-SJ Sample ID: 9605199-12MS
Client Sample ID: STLC-1
Client Proj. Number: SERVICE MANUFACTURE
Matrix: SOIL

SDG #: N/A
Analyst: [illegible]
Supervisor: MK

Analyte	Analyt. Method	Instr. I.D.	Date Prepared	Date Analyzed	Units	Spike Amount	Sample Conc.	Matrix Spike Conc.	% Rec.				Q
Mercury-STLC	7470A	HGA2	05/30/96	05/31/96	mg/L	0.25	0.0	0.24	96.0				U

COMMENTS:

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192
MATRIX SPIKE REPORT

ITS-SJ Sample ID: 9605199-01MS
Client Sample ID: SUMP-1
Client Proj. Number: SERVICE MANUFACTURE
Matrix: WATER

SDG #: N/A
Analyst: g
Supervisor: MK

Analyte	Analyt. Method	Instr. I.D.	Date Prepared	Date Analyzed	Units	Spike Amount	Sample Conc.	Matrix Spike Conc.	% Rec.				Q
Hexavalent Chromium	7196A	SPE2	05/21/96	05/21/96	mg/L	0.10	0.0	0.10	100				U

COMMENTS:

INCHCAPE TESTING SERVICES
SAN JOSE LABORATORIES
(408) 432-8192

LABORATORY CONTROL SAMPLE REPORT

ITS-SJ Sample ID: **LY246EA, LY306EA**
Client Sample ID: **N/A**
ITS-SJ WO #: **9605199**
Client Project Number: **SERVICE MANUFACTURE**
Matrix: **SOIL**

SDG #: **N/A**
Analyst:
Supervisor:

Analyte	Prep. Method	Analytical Method	Instr. ID	Date Prepared	Date Analyzed	Dil. Factor	Units	Spike Amount	LCS Results	% Recovery	Q
Arsenic-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	5.0	5.2	104	
Barium-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	25.0	21.8	87.2	
Cadmium-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	1.0	0.86	86.0	
Chromium-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	5.0	4.9	98.0	
Lead-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	5.0	4.9	98.0	
Mercury-STLC	7470A	7470A	HGA2	05/30/96	05/31/96	1	mg/L	0.25	0.28	112	
Selenium-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	1.0	1.1	110	
Silver-STLC	CWET	6010A	ICP2	05/24/96	05/29/96	10	mg/L	5.0	4.5	90.0	

COMMENTS: "C"

INCHCAPE TESTING SERVICES
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LABORATORY CONTROL SAMPLE REPORT

ITS-SJ Sample ID: LY216WA
Client Sample ID: N/A
ITS-SJ WO #: 9605199
Client Project Number: SERVICE MANUFACTURE
Matrix: SOIL

SDG #: N/A
Analyst:
Supervisor: MK

Analyte	Prep. Method	Analytical Method	Instr. ID	Date Prepared	Date Analyzed	Dil. Factor	Units	Spike Amount	LCS Results	% Recovery	Q
Hexavalent Chromium	7196A	7196A	SPE2	05/21/96	05/21/96	1	mg/L	0.10	0.10	100	

COMMENTS:

Inchcape Testing Services
Laboratories

1961 Concourse Drive, Suite E
San Jose, CA 95131
(408) 432-8192 • Fax (408) 432-8198

7605111

CHAIN OF CUSTODY RECORD

PROJECT NUMBER	PROJECT NAME: Service Manuf.
Send Report Attention of: Tom Price	Report Due / / — Verbal Due / /

	Sample Number	Date	Time	Comp	Matrix	Station Location	Number of Cntnrs	Type of Containers	Type of Analysis: Cr+6	Type of Analysis: 8240	Condition of Samples	Initial
1	Samp-1	5/20/96	6:00		W		1	500 ml Poly	✓			
2	Trip Blank	"	—		W		2	40 ml VOAS		✓	2 VOAs w/ bubbles	
3	WS-1	"	1100		W		2	"		✓	2	
4	WS-2	"	1152		W		2	"		✓	1	
5	WS-3	"	—		W		2	"		✓		
6	WS-4	"	—		W		2	"		✓		
7	WS-5	"	230		W		2	"		✓		
8	WS-6	"	—		W		2	"		✓		
9	WS-7	"	330		W		2	"		✓		
10	WS-8	"	350		W		2	"		✓		
11	WS-9	"	506		W		2	"		✓	1 VOA w/ bubbles	

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Tom Price	5/20/96 5:20 pm		
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Date/Time	Received by Lab:	Date/Time
			5/20/96 2000

Remarks: Normal Turn Around Time. Please fax results ASAP. Thanks, Tom. Will call in morning for selection of analysis.

COMPANY: Environmental Testing & Mgmt.
ADDRESS: 2916 Magliocco Dr. Suite #3
San Jose, CA 95128
PHONE (408) 248-5872 FAX (408) 248-5879

Member of Inchcape Environmental

Inchcape Testing Services
Anametrix Laboratories

1961 Concourse Drive, Suite E
San Jose, CA 95131
[illegible]32-8192 • Fax (408) 432-8198

CHAIN-OF-CUSTODY RECORD

PROJECT NUMBER	PROJECT NAME	Send Report Attention of:	Report Due	Verbal Due
	Service Mgmt.	Tom Price	/ /	/ /

	Sample Number	Date	Time	Comp	Matrix	Station Location	Number of Cntnrs	Type of Containers	Type of Analysis: 8240 / STLC Reg 8 / 8015 (Mod) / 8010	Condition of Samples	Initial
12	STLC-1	5/20/96	~~830~~				1	Brass Sleeves	✓ ✓	cancelled 8240 per client 5/23/96 (LW)	
13	STLC-2	"	—				1	"	✓ ✓ cancelled all 5/23/96 (LW) on STLC-2 (both)		
14	STLC-3	"	—				1	"	✓ ✓		
15	SS-2	"	945				1	"	✓ ~~✓~~ ✓		
16	SS-1	"	923				1	"	✓		

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Tom Price	5/20/96	830pm.	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Date/Time	Received by Labs	Date/Time
			5/20/96 2030

Remarks: Normal Turnaround Time
Please Fax results ASAP. Thank you, Tom.

COMPANY: Environmental Testing & Mgmt.
ADDRESS: 2916 Magliocco Dr. Suite #2
San Jose CA 95128
PHONE: (408) 248 5899 FAX: (408) 248 5899

[redacted]mer [redacted] Inc [redacted] Env [redacted]ntal [redacted]

Inchcape Testing Services
Environmental Laboratories

SAMPLE RECEIVING CHECKLIST

Workorder Number: 9605199 **Client Project ID:** Service Manf.

Cooler

Shipping documentation present? If YES, enter Carrier and Airbill #:	YES	NO	(N/A)
Custody Seal on the outside of cooler? Condition: Intact ____ Broken ____	YES	NO	(N/A)
Temperature of sample(s) within range? List temperatures of cooler(s): 4°C Note: If all samples taken within previous 4 hr, circle N/A and place in sample storage area as soon as possible.	(YES)	NO	N/A

Samples

Chain of custody seal present for each container? Condition: Intact ____ Broken ____	YES	NO	(N/A)
Samples arrived within holding time?	(YES)	NO	N/A
Samples in proper containers for methods requested? Condition of containers: Intact 8 Broken ____ If NO, were samples transferred to proper container(s)?	(YES)	NO	
Were VOA containers received with zero headspace? If NO, was it noted on the chain of custody? XDS	YES	(NO)	N/A
Were container labels complete? (ID, date, time, preservative)	(YES)	NO	N/A
Were samples properly preserved? If NO, was the preservative added at time of receipt?	(YES)	NO	N/A
pH check of samples required at time of receipt? If YES, pH checked and recorded by:	YES	(NO)	
Sufficient amount of sample received for methods requested? If NO, has the client or PM been notified? Yes	YES	(NO)	
Field blanks received with sample batch?	YES	NO	(N/A)
Trip blanks received with sample batch?	(YES)	NO	N/A

Chain of Custody

Chain of custody form received with samples?	(YES)	NO
Has it been filled out completely and in ink?	(YES)	NO
Sample IDs on chain of custody form agree with labels?	(YES)	NO
Number of containers on chain agree with number received?	(YES)	NO
Analysis methods specified?	(YES)	NO
Sampling date and time indicated?	(YES)	NO
Proper signatures of sampler, courier and custodian in appropriate spaces? With time and date?	(YES)	NO
Turnaround time? Standard ( ) Rush ____		

Any NO responses and/or any BROKEN that was checked must be detailed in a Corrective Action Form.

Sample Custodian: [signature] Date: 5/28/96 Project Manager: [signature] Date: 5/28/96

F:\forms\newscr.doc

HEADQUARTERS
2400 Old Crow Canyon Rd., Suite A2
San Ramon, CA 94583
(510)831-9800 • (800)356-7323
FAX (510)831-9183

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Tacoma, WA 98421
(206)383-2168 • (800)228-4786
Fax (206)383-2207

3650 N.W. Yeon Ave.
Portland, OR 97210
(503)228-3965 • (800)634-8499
Fax (503)228-6807

30028 Industrial Pkwy. S.W.
Hayward, CA 94544
(510) 471-2100 • (800)227-1134
Fax (510)471-2447

Material Safety Data Sheet

Complies with ANSI Z400.1
Draft Standard for the Preparation of
Material Safety Data Sheets,
Copyright 1991, Chemical
Manufacturers Association

U.S. Department of Labor

Complies with OSHA Hazard
Communication Standard
29 CFR 1910.1200

Section 1: CHEMICAL PRODUCT AND CHEMICAL IDENTIFICATION

Identity (as used on label and list): **Kleen Blast**
Synonym(s): 8-12 (Large), 16, 16-30, 35, 30-60 (Fine)
(numbers indicated are all nomenclature for sizing)

Manufacturer's Name: **Kleen Blast Division**
Emergency Telephone: **(510) 831-9800**
Information Telephone: **(510) 831-9800**

Address: 2400 Old Crow Canyon Rd. No. A2
San Ramon, California 94583

Prepared by: Health & Safety
Date Prepared: 26 December 1993
Revised: May 15, 1995

Section 2: COMPOSITION/INFORMATION ON INGREDIENTS

Contents: Vitreous Smelter Slag 99.9% - 100% C.A.S. #67711-92-6

Formula: Not Applicable

Chemical Family: Iron-Calcium-Silicate (complex silicate) with fused oxides of Si, Fe, Ca, Al, Mg.

Typical Chemical Composition: 38.1% SiO_2; 27.4% Fe_2O_3; 22.8% CaO; 5.7% Al_2O_3; 3.9% MgO; other fused oxides @ <1.0%. Chemical composition shown is typical, elemental concentrations may vary slightly between batches or lots.

Note: Kleen Blast contains < 0.1% crystalline silica. All of the U.S. EPA RCRA 8 metals, the 17 California listed metals, Washington and Oregon listed metals are either nondetected or below the regulatory limits, as well as the lower limits as specified by the U.S. Navy under MIL-A-22262A (SH), specifications for blasting abrasives. TCLP, TTLC and STLC analytical results of metal contents are available upon request.

Permissible Exposure Limits OSHA PEL:
Total Nuisance Dust: 10 mg/m^3
Respirable Dust: 5 mg/m^3

Section 3: HAZARDS IDENTIFICATION

This product **does not** contain substances at levels regulated:
- by OSHA under 29 CFR 1910.1200
- by USEPA under 40 CFR 302.4 and 40 CFR 355.4
- by USEPA under 40 CFR 261.20
- by USEPA under 40 CFR 116.4

This product is not a hazardous material.

Kleen Blast has prepared this material safety data sheet in order to provide product information which will assist our customers in complying with all state and federal waste and hazard minimization laws as well as all state and federal transportation laws.

Appearance and Odor: Black angular to sub-angular granules with no apparent odor.

Health Hazards (acute): *Trauma* hazard associated with handling equipment or sudden release of large volumes. *Abrasion* injuries possible during blasting operations or similar exposure.

Health Hazards (chronic): *Respiratory* illness as a result of long-term exposure to particulates is possible. NIOSH-approved particulate respirators should be used during blasting operations.

Physical/Chemical Characteristics:

Boiling Point:	NA	Specific Gravity (H20=1):	2.8
Vapor Pressure (mm Hg):	NA	Melting Point:	2400 F
Vapor Density (Air=1):	NA	Evaporation Rate:	None
Solubility in Water:	None	(Butyl Acetate=1):	None

Section 4: FIRST AID MEASURES

Specialized medical treatment required: No

Toxicity Data: Not toxic to mammals or aquatic environments. Not persistent in the environment. Freshwater and saltwater bioassays performed according to the State of Washington available upon request.

Health Hazard Data (non-chemical)

Target Organs: Lungs, eyes, skin.

Route(s) of Entry:

Inhalation	Skin	Eyes	Ingestion
Fine particulates *(PM-10)* possible during loading/unloading, processing and packaging.	Abrasion injuries with high velocity, direct exposure to skin.	Abrasion injuries possible if safety glasses are not worn. Contact lenses use may be dangerous when handling this product.	Toxic effects will not occur.

Carcinogenicity	NTP	IARC Monographs	OSHA-Regulated
None	No	None	No

Teratogenic	Mutagenic
No	No

Signs and symptoms of exposure - *likely only in extreme and unusual conditions:*

Inhalation	Skin	Eyes	Ingestion
Coughing, shortness of breath.	Redness, watering.	Redness, to touch.	Unknown

Medical conditions aggravated by exposure - *likely only in extreme and unusual conditions:*

Inhalation	Skin	Eyes	Ingestion
Existing disorder increases risk of discomfort and injury.	Existing disorder.	Contact lens.	Unknown

Emergency and first aid procedures - *likely only in extreme and unusual conditions:*

Trunk/torso/limbs:	Follow procedures appropriate to abrasion or trauma injuries.
Skin:	Follow procedures appropriate to abrasion injuries.
Eyes:	Flush thoroughly with cool running water.
Inhalation:	Follow procedures appropriate to dust inhalation.
Ingestion:	Not likely.
Note to physicians:	No toxic substances are present in this product.

Special Note: Additional health hazards may be encountered during abrasive blasting operations while removing paints, coatings, rust, etc. Specific health hazards and environmental concerns must be properly assessed by the user and/or potential waste generator.

Section 5: FIRE AND EXPLOSION HAZARD

Flash Point (method Used):	NA			
Flammable Limits:	LEL:	NA	UEL:	NA
Pyrophoric, oxidizer, organic peroxide:	No			
Pressurized during shipment:	No			
Extinguishing Media:	NA			
Special Fire Fighting Procedures:	NA			
Unusual Fire/Explosion Hazards:	NA			

Reactivity Data

Stability:	Stable
Conditions to avoid:	None
Materials to avoid (incompatibility):	None
Hazardous decomposition or by-products:	None
Hazardous polymerization:	Will not occur

Section 6: ACCIDENTAL RELEASE MEASURES

Loading/unloading:	A release will pose a housekeeping problem. Material should be swept or vacuumed into appropriate containers.
Waste disposal method:	If the spent grit remains uncontaminated per the Resource Recovery and Conservation Act (RCRA), then the material meets the definition of a solid waste and may be disposed of per state and local regulations. If the spent grit contains contaminates at levels above those specified under RCRA, then the waste is defined as hazardous and must be managed per federal or state regulations governing hazardous waste. Each state may have its own classification of waste and specific regulations for proper waste management. Contact Kleen Blast for assistance with spent grit removal through its affiliate, Kleen Industrial Services (KIS). KIS provides a recycling program available in many states which is often more economical and environmentally beneficial than typical landfill disposal.
Precautions to be taken in handling and storing:	Follow good housekeeping practices to reduce airborne emissions. Use approved respiratory protection and clothing in abrasive blast environments.
Exposure Controls	Respiratory protection: NIOSH-approved respiratory equipment for abrasive blast environments. Personal protection: NIOSH-approved garments and head gear during blasting operations.
Engineering controls:	
Local Exhaust	During loading and unloading.
Mechanical Exhaust	May be appropriate during processing
Special Exhaust	May be appropriate during normal abrasive blasting operations.
Other:	May be required during usual abrasive blasting operations.

Section 7: DEPARTMENT OF TRANSPORTATION REQUIREMENTS

Name of Contents:	Abrasive grit	Constituents:	No hazardous substances at regulated levels
Hazard Class:	Not applicable	UN/NA Number:	Not applicable

ZONE 7 WATER AGENCY

5997 PARKSIDE DRIVE PLEASANTON, CALIFORNIA 94588 [illegible]500
FAX (510) 462 [illegible]

ORIGINAL

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

ON OF PROJECT 2400 Baumann Ave
San Lorenzo, CA

PERMIT NUMBER 96327
LOCATION NUMBER

ANT
Name Gallo Salame
ddress 2411 Baumann Ave Voice (510) 276-1300
San Lorenzo Zip

PLICANT
ame Environmental Testing & Mgmt.
2916 Magliocco Dr #2 Fax (408) 248-5899
ddress Voice (408) 248-5892
San Jose Zip

E OF PROJECT
Cathodic Protection
Water Supply
Monitoring
Geotechnical Investigation
General
Contamination X
Well Destruction

OPOSED WATER SUPPLY WELL USE
Domestic Industrial Other
Irrigation

DRILLING METHOD
Mud Rotary Air Rotary Auger
Cable Other Pneumatic

DRILLER'S LICENSE NO. Class A General Engineering 716002

WELL PROJECTS
Drill Hole Diameter in. Maximum
Casing Diameter in. Depth ft.
Surface Seal Depth ft Number

GEOTECHNICAL PROJECTS
Number of Borings 8 Maximum
Hole Diameter 2 in. Depth 10 ft.

ESTIMATED STARTING DATE May 1
ESTIMATED COMPLETION DATE May 1

I agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68

APPLICANT'S SIGNATURE Tom Gallo Date

PERMIT CONDITIONS

Circled Permit Requirements Apply

A. GENERAL
(1.) A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well Projects, or drilling logs and location sketch for geotechnical projects.
(3.) Permit is void if project not begun within 90 days of approval date.

B. WATER WELLS, INCLUDING PIEZOMETERS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

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

D. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

E. WELL DESTRUCTION. See attached.

Approved Wyman Hong Date 2 May 96
Wyman Hong

9195