The Earth Technology Corporation

2030 Addison Street Suite 500
Berkeley, California 94704
Telephone: (510) 540-6954 Fax: (510) 540-7498

May 4, 1994

943222.01
File: Report

Affinity Incorporated
2980 Railroad Avenue
Pittsburg, CA 94565

Attention: Mr. Mike Affinito

Subject: PHASE I AND II ENVIRONMENTAL SITE ASSESSMENT REPORT
Two Acre Parcel at Railroad Avenue and L Street
Livermore, California

Dear Mr. Affinito:

INTRODUCTION

In accordance with our agreement, The Earth Technology Corporation (Earth Technology) has performed a Phase I and Phase II Environmental Site Assessment of the Subject Site. This report presents the results of our findings. The site consists of an approximately two acre parcel located at the southwest corner of Railroad Avenue and L Street in Livermore, California. The site has been cleared of previous structures, and some underground improvements have been constructed along the north and east property boundaries. The location of the Subject Site relative to the City of Livermore is shown in Figure 1, Vicinity Map.

Earth Technology's scope of services included the following tasks:

- Review of Regulatory Records
- Site Reconnaissance
- Review Historical Data (including historical aerial photos)
- Subsurface Investigation (soil sample collection and chemical analyses)
- Report Preparation.

Review of title reports was specifically excluded from the Scope of Services.

REVIEW OF REGULATORY RECORDS

Records Review

Earth Technology reviewed a commercial Environmental database search provided by Environmental Data Resources (EDR). This database was utilized in order to identify sites with potential problems quickly and efficiently. The purpose of the database records survey was to:

(1) Identify activities both at and in the vicinity of the site within a 1/8 to 1 mile radius

(2) Identify records of reported spills or releases of hazardous materials on the site or in nearby areas that may have contaminated the soil or groundwater.

Agency databases that were reviewed as part of the EDR database search are identified in Table 1.

A detailed description of each of these database sources is included in the EDR Radius Report included as Appendix A. The following data were obtained from reviewing the above listed databases, including the number of sites identified within each database:

- Environmental Protection Agency (EPA) Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) (1/94) - 1 site listed within 1/2 mile
- EPA National Priority List (NPL) (1/94) - No sites listed
- EPA Resource Conservation Recovery Information System (RCRIS) Small Quantity Generator (6/93) - 3 sites listed within 1/8 mile
- California EPA (Cal-EPA) Cortese List (7/92) - 18 sites listed
- Cal-EPA Annual Work Plan (AWP-formerly Bond Expenditure Plan) (6/93) - No sites listed
- California Office of Emergency Services, California Hazardous Materials Incident Reporting System (12/91)- 15 sites
- California Water Resources Control Board (WRCD) Proposition 65 Notification Records (10/93) - 4 sites listed
- WRCD Toxic Pits (12/93) - no sites listed
- WRCD Underground Storage Tanks (10/90) - 3 sites listed within 1/8 mile

Table 1. Databases Searched

Database	Type of Records	Agency
CERCLIS	Contaminated Sites Under CERCLA (1980)	USEPA
NPL	Federal Superfund Sites	USEPA
RCRIS	Information on sites which Generate, transport, store, treat and/or dispose hazardous waste as defined by RCRA	USEPA
CORTESE	Hazardous Wastes & Substances Site List	California Governor's Office of Planning & Research
CAL-SITES/ AWP	Contaminated sites listed on the Annual Work Plan, and cleanup sites under the Bond Expenditure Plan	California EPA
CHMIRS	California Hazardous Material Incident Reporting System	CA Office of Emergency Services
Notify 65	Facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.	CA Water Resources Control Board
TOXIC PITS	Identifies sites suspected of containing Hazardous substances where cleanup has not yet been completed	CA Water Resources Control Board
UST	Hazardous Substance Storage Container Database. Under RCRA, USTs must be registered with the state Properties (Deed Restrictions)	CA Water Resources Control Board
Coal Gas	Former Manufactured Coal Gas sites	Real Property Scan, Inc.
CAL-SITES/ ASPIS	Actually or potentially contaminated sites under the Abandoned Site Program	California EPA
HWIS	Hazardous Waste Generators, Treatment, Storage, & Disposal Facilities	California EPA
SWIS	Active & Inactive Sanitary Landfills and Disposal Facilities	California Waste Management Board
LUST	Leaking Underground Storage Tanks	California Regional Water Quality Control Boards

- Former Manufactured Coal Gas sites (1993) - 1 site listed

- Cal-EPA CALSITES (formerly the Abandoned Sites Program Information Systems - ASPIS) (1/94) - 12 sites listed

- Cal-EPA Hazardous Waste Information System (HWIS) (12/92) - 2 sites listed within 1/8 mile

- California Waste Management Board (CWMB) Solid Waste Information System (SWIS) (1/94) - No sites listed within 1/2 mile

- California State Water Resources Control Board (WRCB) Leaking Underground Storage Tank (LUST) database (1/94) - 19 sites listed.

The record and agency database review identified a total of 55 sites with potential contamination within a 1-mile radius of the Subject Site. The locations of these sites with respect to the Subject Site are shown on the Site Map in the EDR Report (Appendix A). Some of the locations represent more than one facility (Map I.D. No. A, C, E, N, O, and P) that may have had reported spills or releases of hazardous materials.

Based on the proximity of these locations to the site, 7 of the 55 sites are located within 1/8-mile of the Subject Site. Groth Brothers Oldsmobile, Inc. (Groth Bros.), at 58 South L Street, is the only site located immediately adjacent to the Subject Site. Groth Bros. is on several lists searched by EDR including RCRIS and LUST. However, there is no reported spill or leaks at Groth Bros. Another site, a gasoline station at 2008 1st Street, is located 1 block southeast of the Subject Site. A LUST recorded spill in 1988 reportedly affected the groundwater. This site is in the regional upgradient direction of the Subject Site.

Eight other listed sites are within 1 mile in the general upgradient direction. A former Cal-EPA site, Inland Valley Publishing Co. (IVP), is located at 2219 1st Street, within 1/4 mile of the Subject Site. No information is given on contaminants at IVP.

The adjacent property to the west, the Mill Springs Park Apartments, is on the Cortese list as a leaking tank site. The site received formal regulatory closure in December 1993.

Agency Contacts

The following agencies were also contacted in order to obtain specific information about the Subject Site:

- City of Livermore - Department of Public Works
- City of Livermore - Fire Department
- California Water Service Company.
- Alameda County, Environmental Health Department

The City of Livermore Department of Public Works Department was contacted to determine if septic systems were used historically in the area prior to installation of underground storm and sanitary sewer lines. Based on discussion with Livermore Public Works Department personnel, the storm drain runs East-west at the back of the property. Livermore Public Works Department personnel indicated that the sanitary sewer was installed in most of Livermore in the 1930's. Septic tanks were in use prior to the installation of the sewer system. The Public Works Department has no information regarding possible septic tank locations on the Subject Site. If a septic tank is found, the Alameda County, Environmental Health Department has specific regulations regarding the method of septic tank closure.

The Livermore Fire Department lists sites according to address. Because Earth Technology has no address for the Subject Site, no information was obtained.

Earth Technology staff contacted the California Water Service Company, which supplies water to the City of Livermore. Three groundwater pumping wells are located within 3/4 mile near the railroad tracks, 2 to the west and one to the east. These wells are screened to depths of 273 to 517 feet, with pump bases from 181 to 447 feet. Nitrate is present in the well located to the east. No other contamination is known to exist in the wells.

HISTORICAL REVIEW

Review of Sanborn Maps

Sanborn Maps are insurance maps made from the late nineteenth century to the mid-twentieth century that show surface manmade features such as buildings, above ground tanks, and hydrants, as well as underground water lines. They often tell something of a building's construction materials and use.

A search of the files of the Sanborn Map Company revealed the existence of maps that include the Subject Site for 1884, 1888, 1893, 1907, 1917, 1944, and 1959. Through 1893, the site contained only railroad lines running east-west through the center of the site and a depot building on the south side of the tracks. Railroad tracks also ran along the southern property line. Across the southern tracks on the northern border of the adjacent property was a grain warehouse. A general store and furniture upholstery shop were also located on the southeast portion of the adjacent property.

The 1907 and 1917 maps show a water tower between the central tracks and an underground water line running from the northwest corner to the southeast corner of the Subject Site. These maps show no buildings except the water tower on the Subject Site.

The 1944 map shows several new buildings on the Subject Site. In the northwest corner, three new buildings had been constructed: an office, a store, and a warehouse. The warehouse was surrounded by a wood platform. A railroad track not previously shown ran parallel to the south side of the warehouse and terminated by the store. The Diamond Match Lumber Yard occupied the southern portion of the property. The lumber yard included a large building containing building materials including paint, four smaller buildings and at least two lumber piles. The grain warehouse still occupied the northern portion of the adjacent site to the south. The eastern corner of the warehouse had been converted to a barley mill.

The southern portion of the adjacent property along 1st Street was occupied by an automobile repair garage. The automobile repair garage includes a building on the corner of West 1st and South L Streets that contained three tanks, identified as gas, oil and waste oil tanks. Another building on the corner of West 1st and South M Streets, also part of the automobile repair garage also contained three tanks, identified as gas, oil and waste oil tanks. This site is currently occupied by Groth Bros. Oldsmobile, Inc.

The 1959 map shows a similar configuration of buildings except the three buildings in the northeast corner were gone and two newer buildings had replaced them. One of the buildings was a store and the use of the other is uncertain. The grain warehouse and barley mill were no longer on the adjacent site, but the automobile repair shop remained.

Review of Aerial Photographs

Table 2 lists the aerial photographs reviewed at the air photograph library at Pacific Aerial Surveys in Oakland:

Table 2. Aerial Photographs Reviewed

DATE	NUMBER	SCALE
5-16-57	AV 253 31-40 & 41	1:12,000
5-15-69	AV 903 03-09 & 10	1:12,000
4-30-80	AV 1860 03-09 & 10	1:12,000
5-08-92	AV 4230 0133-33, &34	1:12,000

The 1957 photographs showed that the Subject Site had a building on the northeast corner. Miscellaneous materials were scattered on the property along the north side of the east-west trending railroad track. A warehouse and storage yard were located on the south side of the parcel. The warehouse was about 125 feet by 75 feet and located at the southeast corner. A railroad spur connected on the south side of the main track about 150 feet west of L Street and leads to a large warehouse structure on the adjacent property to the west. An above ground circular water tank about 25 feet in diameter was located about 120 feet west of L Street and about 159 feet north of the south property line. An apparent railroad track ran east-west through the property about 100 feet south of the future Railroad Avenue location. Railroad Avenue and L Street were 2 lane roads with no sidewalks. The properties to the east of L Street were mostly unpaved.

In the 1969 photographs, the features on the buildings and railroad tracks were the same as in the 1957 photographs, as were the buildings on the adjacent southern property. Several vehicles were parked in the vicinity of the large building on the southeast corner of the Subject Site.

In the 1980 photographs, the building on the northeast corner was still there, but the other buildings were gone. A stockpile was oriented east-west across the central portion of the site with a road through the center of it. A dark streak in the soil oriented in east-west extends onto the Subject Site about 50 feet south of the present day Railroad Avenue alignment. The commercial property to the south had indistinct property boundaries and numerous cars were parked in this area and on the Subject Site. The property to the west was vacant with a trailer and vehicle near the west end of that property. Railroad Avenue was in the process of being widened an additional 2 lanes.

The 1992 photographs show the Subject Site without buildings and nearly devoid of vegetation. Both Railroad Avenue and L Street were 4 lanes wide. The commercial property to the south appears to be paved with asphalt surrounding 4 buildings. One building (the body shop) is right along the property line with the Subject Site. The adjacent property to the west is developed as

an apartment complex with carports adjacent to the common property line. The stockpile in the center of the site measures about 250 feet long by 100 feet wide. An unpaved access "road" on the property originates from the northern terminus of M Street and turns eastward on the property. No soil discoloration was noted on the Subject Site. Commercial development with paved parking was observed on the east side of L street and on the northeast corner of the intersection of Railroad Avenue and L Street. Property on the north side of Railroad Avenue was developed with a small, possibly residential building near the intersection. The majority of that area was undeveloped with sparse trees and little or no vegetation.

SITE RECONNAISSANCE

A site reconnaissance was performed on April 15, 1994. The Earth Technology Property Assessment Checklist completed during the site reconnaissance is included as Appendix B.

The site was observed to be absent of buildings and other structures previously viewed in some of the aerial photographs covering the site. No features were present indicating the past location of structures on the property. The site is relatively level with the exception of a large stockpile of soil and gravel materials in the central portion of the property. The source of the stockpiled material was not determined during the site reconnaissance. Underground improvements/utilities were observed to have been installed along the property boundaries adjacent to Railroad Avenue and North L Street as evident by numerous utility vaults present in these areas. No overhead utilities are present at the site.

The north and east property boundaries are improved with concrete or concrete and brick sidewalks approximately ten feet wide as shown on Figure 2. Trees have been planted at evenly spaced locations along the sidewalk. The portion of the property north of the stockpile was not being utilized for parking or storage at the time of the reconnaissance, however, a part of this area is covered by gravel and appears to be used for vehicle access to/from the site. The area east and south of the stockpile is almost entirely covered by gravel which has been well compacted. The gravel paved areas are used for parking new and used vehicles and provides access to these areas.

Two galvanized pipes (one 0.75-inch diameter, one 1.5-inch diameter) were observed protruding about 4 feet out of the ground near the northern property line (see Figure 2). These appear to be electrical conduits. The 3/4-inch pipe contains a non-insulated braided wire. The 1.5-inch pipe contains water.

The stockpiled material in the central part of the site consists predominantly of soil and gravel materials although a number of smaller piles of construction related debris were observed along the north side of the pile. The materials consist of broken sections of concrete, asphalt, plastic debris, metal debris, some lumber and paper. One wood telephone/power pole was observed on the northwest side of the stockpile which appears to be treated with wood preservatives.

Adjacent land use was also observed during the site reconnaissance. On the north side of the property is Railroad Avenue which is 4 lanes wide with a center median strip. The north side of Railroad Avenue contains commercial properties with one small office building located next to the intersection with L Street. The majority of the land to the west of the office building has apparently been leveled and a sign on the site indicates that shopping/movie theater complex is proposed. Electrical power lines are supported on metal poles along the north side of Railroad Avenue. The east side of the site is bounded by L Street which is also 4-lanes wide. The east side of L Street is occupied by commercial buildings including a small shopping complex surrounded by asphalt paved driveways and parking areas. The south side of the Subject Site is occupied by an automobile dealer with a small car rental operation. This business presently utilizes the Subject Site for parking employee vehicles as well as new cars and small trucks. The property immediately to the west side of the property is developed with a residential multi-story apartment complex.

During the reconnaissance, an employee of the adjacent automobile dealership was briefly interviewed as he has been with the dealer for approximately 20 years. He did not have a great deal of information with respect to the Subject Site. He did remember the presence of above-ground oil storage tanks on the Mill Spring site, but did not remember seeing any on the Subject Site. He did recall the presence of the lumber yard on the south side of the site and another smaller building at the northeast corner of the site, although the use of the smaller building was not known.

GEOLOGY AND HYDROGEOLOGY

Geologic Setting

The Subject Site and surrounding area is underlain by alluvial deposits within a structural depression formed by an east-to-west downwarping of the land surface. The depositional environment of the valley floor consists of interbedded Quaternary alluvial deposits including clay, sand and gravel. The Livermore Valley is located at the north end of the Diablo Range which is a part of the northwest trending Coast Range Geomorphic Province.

The site is located in the eastern part of the seismically active San Francisco Bay Region. The Livermore Valley is situated between two known active faults, the Calaveras Fault to the west and the Greenville Fault to the east. Both faults are generally oriented in a northwest - southeast direction.

The native shallow sediments are primarily coarse grained (sands and gravels) soils in varying percentages associated with the Livermore gravels.

Regional Hydrogeology

The Subject Site is located within the Alameda County Flood Control and Water Conservation District, Zone 7. The Fall 1993 Groundwater Contour Map and Report (17 December 1993) was reviewed.

The site is located within the Livermore Valley groundwater basin. The Livermore Valley groundwater basin is comprised of numerous groundwater subbasins. The Subject Site is located within the Mocho II subbasin. The Alameda County Flood Control and Water Conservation District, Zone 7 monitors numerous wells within the Mocho II subbasin as well as other subbasins for both water level and water quality. From their monitoring program, Zone 7 has also prepared water level contour maps. A copy of the water level contour map for Fall 1993 is presented as Figure 3.

In the central part of the Mocho II subbasin, where the site is located, groundwater was generally about 40 feet below the ground surface. The average groundwater gradient was about 1 percent. In the Mocho II subbasin a separate lower water surface also exists about 20 to 80 feet lower than the upper zone. The lower zone groundwater flow direction is toward the west.

FIELD SAMPLING AND ANALYSES

Based on the results of the aerial photograph review, review of Sanborn maps and prior information from the adjoining property to the west, Earth Technology performed a limited Phase II investigation. This part of the investigation was limited to collecting soil samples for chemical analyses from seven locations on the level portion of the parcel and two soil samples from the stockpiled materials. The purpose of the sampling was to collect soil samples as near as feasible to features determined to be significant in the above referenced sources.

Sample location B1 was selected due to the proximity of the buildings formerly located in this area. Boring B2 was placed near to where a dark linear feature was observed in the 1980 aerial photographs. Borings B3, B4 and B7 were located relatively parallel to the original alignment of the previous railroad tracks and in the area of a possible continuation of an oil pipeline known to have been formerly run east-west beneath the adjacent Mill Springs Park Apartments property. Boring B5 was selected in the vicinity of the previous lumber yard where Sanborn Maps indicated that paint storage was maintained. Boring B6 was placed in a topographically low point on the property where surface water runoff appears to collect and the ground was observed to be saturated at the time of our site reconnaissance.

Soil samples were collected using a hand auger and hand sampling equipment. Soil sampling, sample handling and transportation were performed in conformance with Standard Earth Technology Field Procedures. The sampling equipment was cleaned prior to initial use, between sample locations and at the completion of sampling. The cleaning/decontamination of the

equipment was accomplished by washing in water and non-phosphate detergent, followed by a double rinse in deionized water.

The approximate sample locations are shown on the Site Plan (Figure 2). The sample locations were determined based on tape measurements from existing surface features. These locations should be considered accurate only to the degree implied by the measurement method used. The soil samples were taken at depths of about 1 to 1.5 feet, from within a 3-inch hand-augered hole. They were collected in 2-inch by 6-inch stainless steel liners, protected on the ends with Teflon tape and plastic end caps. They were transported to the laboratory in plastic bags inside an ice-filled insulated cooler. A sample chain of custody form was completed and kept with the samples.

The soil samples were transported under chain-of-custody to a California certified laboratory. The two stockpile samples APL-SP-S1 and -S2 were composited by the laboratory into one sample. The soil samples were analyzed using the analytical procedures shown in Table 3.

Table 3 Soil Sample Analysis Matrix

	Analytical Procedure				
Sample Location	TPH-G EPA 8015	BTEX EPA 8020	TPH-Motor Oil EPA 8015M	Halocarbons EPA 8010	Title 26 Metals 6010/7000 Series
APL-B1-S1	X	X			
APL-B2-S1			X		
APL-B3-S1			X		
APL-B4-S1	X	X			
APL-B5-S1					X
APL-B6-S1	X	X		X	
APL-B7-S1			X		
APL-SP-S1,S2	X	X	X	X	X

The analytical results are shown in Table 4. All analytes not listed in Table 4 were not detected above the laboratory method detection limit. Copies of the chain of custody documents and laboratory reports are presented in Appendix C.

Table 4 Soil Sample Analytical Results

Sample Location	Depth (ft)	TPH Motor Oil (mg/kg)	Lead (mg/kg)**
APL-B2-S1	1	40	NA
APL-B3-S1	1.5	200	NA
APL-B5-S1	1	NA	45
APL-B7	1	20	NA
APL-SP-S1,S2	Stock-pile	10	66

Notes:

TPH Motor Oil - Total petroleum hydrocarbons quantitated against Motor Oil.

** All other metals analyzed were either not detected or detected in concentrations below the total threshold limit concentration and below ten times the soluble threshold limit concentration, as defined in California Code of Regulations Title 22, Section 66261.24.

CONCLUSIONS AND RECOMMENDATIONS

Conclusions

Based on the findings to date, Earth Technology has developed the following conclusions:

The Subject Site may contain subsurface septic systems remaining from the facilities installed before the municipal sewer system was constructed.

The Subject Site has two apparent electrical conduits protruding from the ground in the northern part of the site.

A stockpile of roughly 1,000 cubic yards of soil has been on the site for over a decade. The stockpile also contains treated wood and other debris.

The Subject Site may have potential environmental impairments, as indicted by the following:

Total Petroleum Hydrocarbon as Motor Oil - The soil sample collected from location B3 in the central portion of the property was found to contain 200 ppm TPH as motor oil.

Lead - The composite stockpile sample was found to contain 66 mg/Kg lead, which is more than 10 times the Soluble Threshold Limit Concentration (STLC) of 5 mg/Kg for lead as defined in Title 22. The "WET" test should be performed on the soil stockpile sample to determine if the soluble lead concentration exceeds the allowable STLC.

Groundwater - There are two underground storage tank (UST) sites located within 1/8 mile in the regional upgradient direction. The gasoline station at the intersection of 1st Street and L Street reported a leak in 1988 that affected the groundwater. Also, EDR report indicates that the adjacent property to the south, Groth Bros. Oldsmobile, Inc. currently has four USTs. The 1944 Sanborn Map shows that the adjacent property had six tanks at that time. Any leaks from the current or former tanks could affect groundwater beneath the Subject Site.

? is this accurate
2 USTs removed
2 closed in place
where were other
2 UST?

Groundwater appears to flow generally to the northwest and is anticipated to be encountered at depths of about 40 feet below ground surface.

Potential exists for contamination from offsite sources both from surface transport and from groundwater transport. The southern portion of the Subject Site may have had some surface runoff from the adjacent automobile sales and maintenance and/or body shops. However, the absence of detectable TPH as gasoline, BTEX, or halocarbon solvents in the soil in the topographic low at location B6 does not indicate a significant amount of such runoff.

Recommendations

Based on the above conclusions, we recommend the following:

The lateral extent of motor oil contamination in the soil in the vicinity of sample B3 should be assessed. This would require two or three additional shallow soil samples.

If you have any questions, please contact the undersigned.

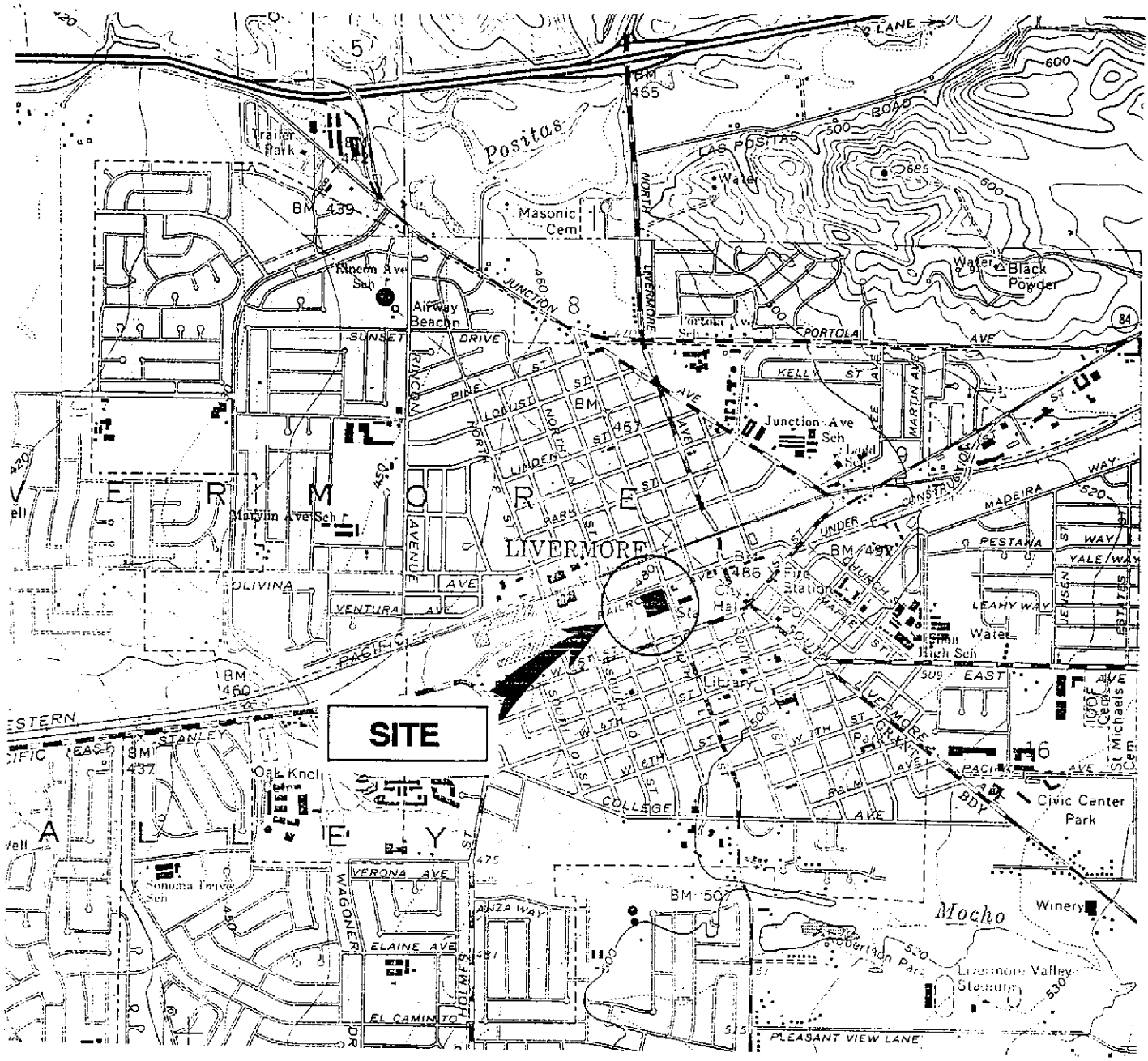
Sincerely,
THE EARTH TECHNOLOGY CORPORATION

Gail M. Jones, R.G.
Project Manager

Mark Milani, P.E.
Managing Senior Engineer

Enclosures:

Figure 1, Vicinity Map
Figure 2, Site Map
Figure 3, Groundwater Contour Map
Appendix A - Government Records Report, Environmental Data Resources, Inc.
Appendix B - Property Site Assessment Checklist
Appendix C - Chain of Custody Form and Laboratory Reports



NORTH

2000 0 2000 4000

SCALE IN FEET
1"=2000'

SOURCE: USGS 7 1/2 MINUTE TOPOGRAPHIC QUADRANGLE, LIVERMORE, CALIFORNIA, PHOTOREVISED 1980, AT SCALE 1:24,000

The Earth Technology Corporation®

PROJECT: 943222.01

LIVERMORE CALIFORNIA

RAILROAD AVENUE AND L STREET

VICINITY MAP

APRIL 1994

FIGURE 1

The stockpile soil should be analyzed to determine the soluble lead concentration. If the soluble lead concentration exceeds the allowable STLC, the material may not be reused as fill and may require disposal as a hazardous waste. If the soluble lead concentration is below the allowable STLC, the material may be reused as fill on site, provided the debris and deleterious material are removed and the material meets geotechnical requirements for reuse as fill.

Geophysical methods should be used to trace the protruding pipes to their source and confirm their function.

If the site is to be graded, septic tanks and leach lines if found should be removed and closed in conformance with Alameda County requirements.

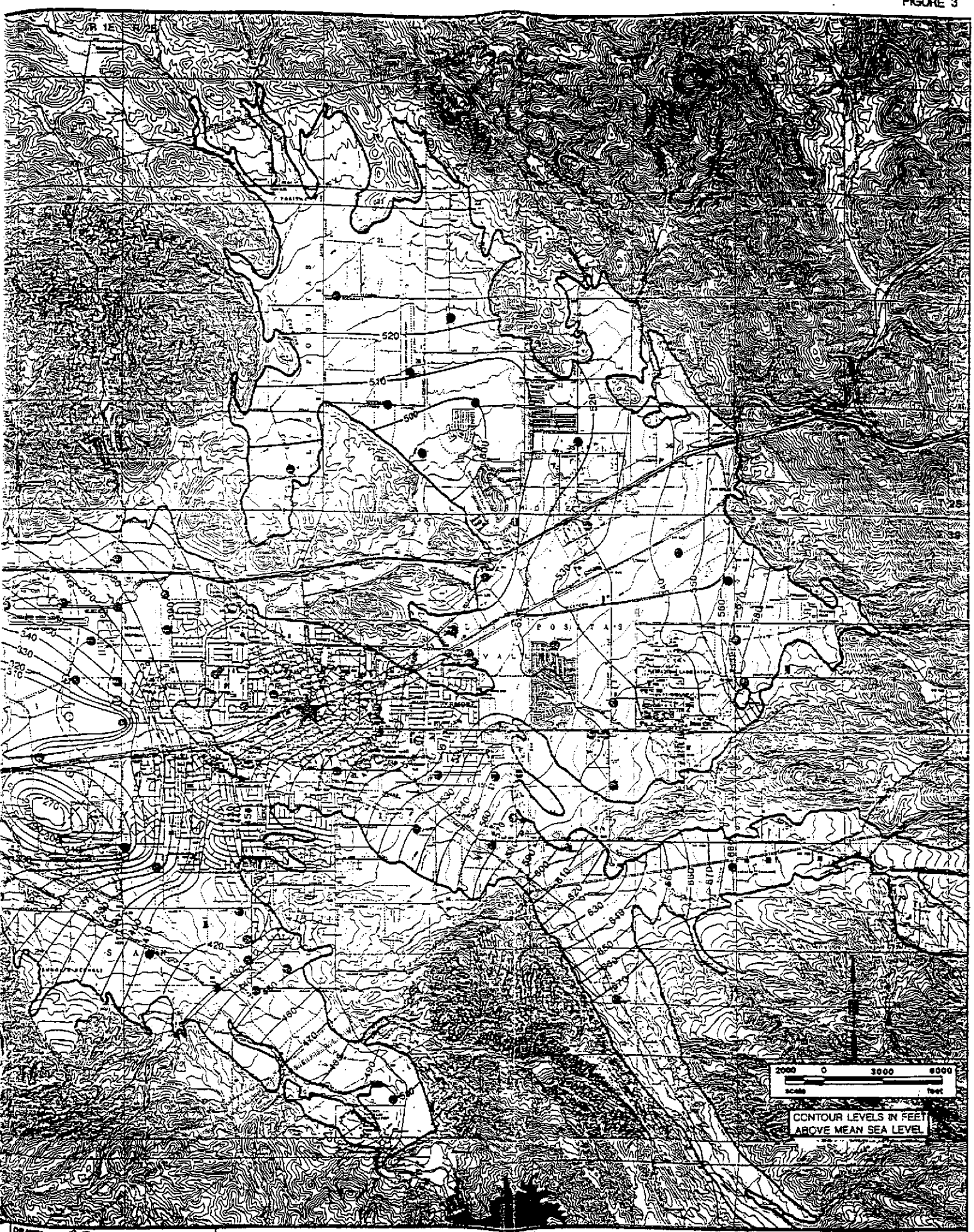
The regulatory agency files regarding groundwater contamination and remediation at 2008 1st Street should be reviewed to assess the possibility that groundwater beneath the Subject Site could have been affected.

LIMITATIONS

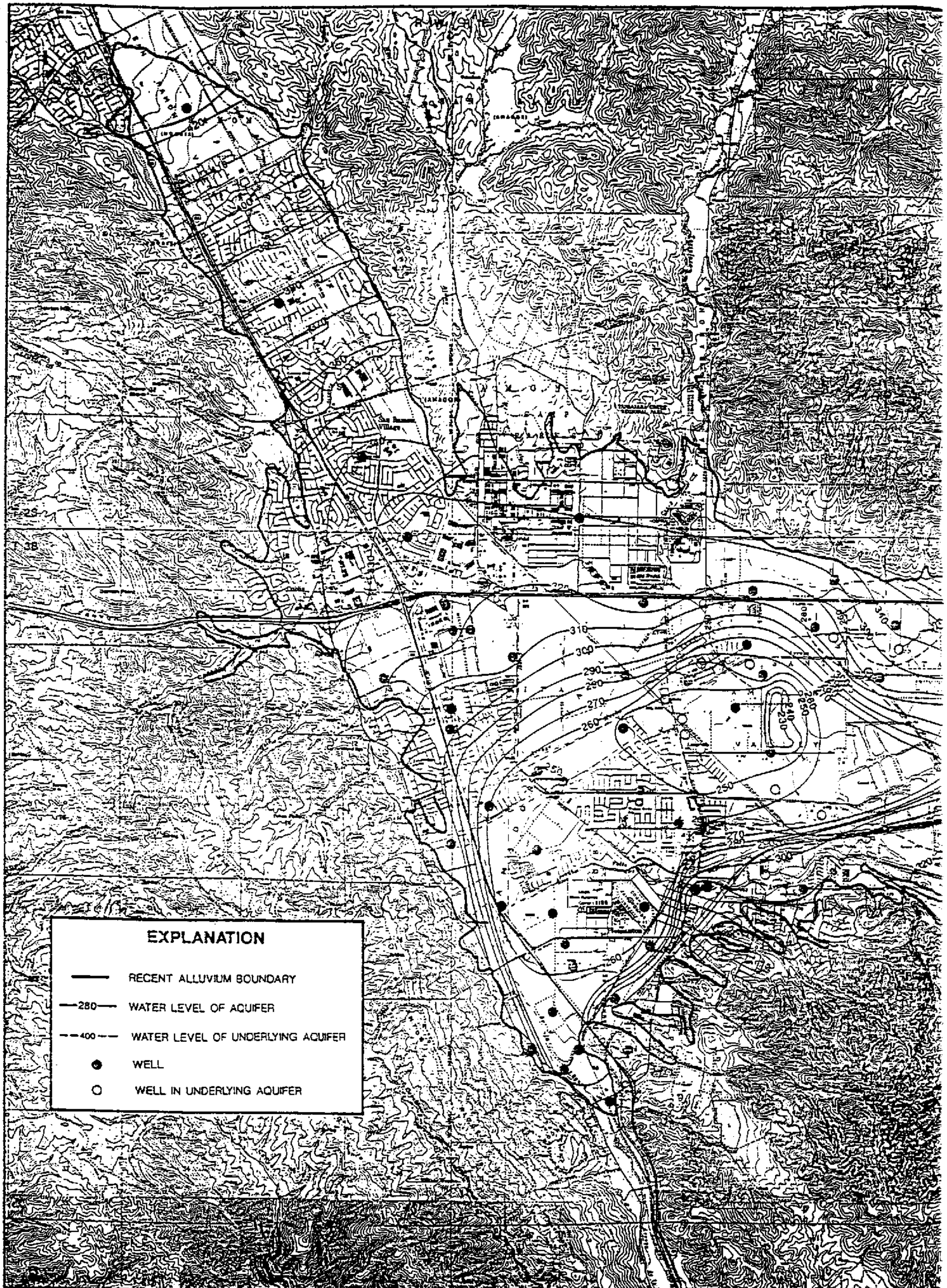
The information provided by agencies and individuals was used as reported. It is always possible that unknown, unreported activities could have caused on-site contamination not uncovered during this assessment. Chemical analyses of the soil samples were performed by others, not under direct Earth Technology supervision. Test results are reported as received.

The conclusions and recommendations presented herein represent professional opinions, which are based upon the interpretation of the data and findings identified in the report. The Earth Technology Corporation makes no warranty, either express or implied, as to its findings, opinions, recommendations, specifications, or professional advice except that these were promulgated after being prepared in accordance with generally accepted standards of care and diligence normally practiced by recognized consulting firms performing services of a similar nature.

FIGURE 3



DRAWN GGates	WATER RESOURCES ENGINEERING	SCALE 1" = 6000'	SHEET
DESIGNED Steven J. Ellis	FALL 1993	DATE 7 DECEMBER 1993	
CHECKED Steven J. Ellis	GROUNDWATER LEVEL CONTOURS	FILE NO. B - 333	OF SHEETS
APPROVED			



REVISIONS

ZONE 7 WATER AGENC

5997 PARKSIDE DRIVE PLEASANTON CA 9-

APPENDIX A
GOVERNMENT RECORDS REPORT
ENVIRONMENTAL DATA RESOURCES, INC.

The EDR-Radius Map™ Report

Affinity, Inc.
Railroad Avenue
Livermore, CA 94550

April 11, 1994

Inquiry Number: 43604.1

Environmental Data Resources, Inc.

Creators of Toxicheck®

The Source For Environmental Risk Management Data

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Facsimilie: 1-800-231-6802

THE EDR-RADIUS MAP™

The EDR-Radius Map™ is a screening tool which maps sites with potential or existing environmental liabilities. Specified government databases are searched in accordance with the ASTM Standard (E 1527) or custom specifications provided by the user.

The EDR-Radius Map™ includes the following three maps:

Topographic Map -- four square mile area:

- o displays a two mile radius around the target property
- o displays the USGS topographic contours and selected road features (i.e., major street names, and hydrographic data)

Overview Map:

- o displays a one-mile (ASTM Standard) or customer specified radius around the target property
- o includes major geographic attributes available in EDR's computer mapping system (i.e., street names, available hydrography)

Detail Map:

- o displays a quarter-mile radius or customer specified radius around the target property and provides the user with a close-up view
- o includes all geographic attributes available in EDR's computer mapping system (i.e., street names, address ranges)
- o helps the user locate "orphan" sites, those sites with insufficient address information such that they can only be identified as within the zip code, city, or county of the target property

Please call EDR's Nationwide Customer Service at
1-800-352-0050 (8am - 8pm EST)
with questions or comments about your report.

Thank you for your business!

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

FEDERAL ASTM RECORDS:

CERCLIS: Comprehensive Environmental Response, Compensation and Liability Information System; Source: United States Environmental Protection Agency (USEPA). CERCLIS contains information on sites identified by the USEPA as abandoned, inactive or uncontrolled hazardous waste sites which may require cleanup.

Date of Government Version: 01/31/94 — Date of Data Arrival at EDR: 02/25/94
Date Made Active at EDR: 03/30/94 — Elapsed ASTM days: 33

ERNS: Emergency Response Notification System; Source: USEPA and the National Reponse Center of the US Coast Guard. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/30/93 — Date of Data Arrival at EDR: 09/13/93
Date Made Active at EDR: 10/29/93 — Elapsed ASTM days: 46

NPL: National Priorities List (Superfund); Source: USEPA. The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program.

Date of Government Version: 01/10/94 — Date of Data Arrival at EDR: 01/26/94
Date Made Active at EDR: 03/09/94 — Elapsed ASTM days: 42

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

Date of Government Version: 06/30/93 — Date of Data Arrival at EDR: 08/16/93
Date Made Active at EDR: 10/20/93 — Elapsed ASTM days: 65

FEDERAL NON-ASTM RECORDS:

FINDS: Facility Index System; Source: USEPA. FINDS contains both facility information and "pointers" to other sources that contain more detail. These include: RCRIS, PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]), CERCLIS, DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all envionmental statutes), FURS (Federal Underground Injection Control), FRDS (Federal Reporting Data System), SIA (Surface Impoundments), CICIS (TSCA Chemicals in Commerce Information System), PADS, RCRA-J (medical waste transporters/disposers), TRIS and TSCA.

Date of Government Version: 09/14/93

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

Date of Government Version: 10/02/93

RAATS: RCRA Administration Action Tracking System; Source: USEPA. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA.

Date of Government Version: 01/04/94

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

Date of Government Version: 12/31/91

TSCA: Toxic Substances Control Act; Source: USEPA. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site. USEPA has no current plan to update and/or re-issue this database.

Date of Government Version: 05/15/86

HMIRS: Hazardous Materials Incident Report System; Source: United States Department of Transportation (DOT). HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/30/93

STATE ASTM RECORDS:

CAL-SITES (ASPIS): Known and Potential Hazardous Waste Sites; Source: California Environmental Protection Agency Department of Toxic Substance Control (DTSC). CAL-SITES, formerly ASPIS, contains both known and potential hazardous substance sites.

Date of Government Version: 01/12/94
Date Made Active at EDR: 02/23/94

Date of Data Arrival at EDR: 02/03/94
Elapsed ASTM days: 20

CHMIRS: California Hazardous Material Incident Reporting System; Source: California Office of Emergency Services. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/91
Date Made Active at EDR: 11/05/92

Date of Data Arrival at EDR: 08/08/92
Elapsed ASTM days: 89

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

Date of Government Version: 07/31/92
Date Made Active at EDR: 08/02/93

Date of Data Arrival at EDR: 05/06/93
Elapsed ASTM days: 88

LUST: Leaking Underground Storage Tank Incident Reports; Source: California Water Resources Control Board.

Date of Government Version: 01/21/94
Date Made Active at EDR: 02/23/94

Date of Data Arrival at EDR: 01/13/94
Elapsed ASTM days: 41

NOTIFY 65: Proposition 65 Notification Records; Source: California Water Recources Control Board. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/93
Date Made Active at EDR: 11/19/93

Date of Data Arrival at EDR: 11/01/93
Elapsed ASTM days: 18

SWAT: Solid Waste Activity Tracking; Source: State Water Resources Control Board. SWAT contains information on ground water monitoring of sanitary landfills.

Date of Government Version: 02/01/94
Date Made Active at EDR: 03/23/94

Date of Data Arrival at EDR: 03/01/94
Elapsed ASTM days: 22

SWF/LS (SWIS): Active, Closed and Inactive Landfills; Source: California Integrated Waste Management Board. SWF/LS records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 2004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 01/03/94
Date Made Active at EDR: 02/09/94

Date of Data Arrival at EDR: 01/18/94
Elapsed ASTM days: 22

TOXIC PITS: Toxic PITS Cleanup Act Sites; Source: California Water Resources Control Board. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 12/21/93
Date Made Active at EDR: 01/28/94

Date of Data Arrival at EDR: 12/27/93
Elapsed ASTM days: 32

UST: Hazardous Substance Storage Container Database; Source: California Water Resources Control Board. Under RCRA, UST's must be registered with the state department responsible for administering the UST program.

Date of Government Version: 10/15/90
Date Made Active at EDR: 02/12/91

Date of Data Arrival at EDR: 01/25/91
Elapsed ASTM days: 18

CAL-SITES (AWP): Known Hazardous Waste Sites; Source: California Environmental Protection Agency Department of Toxic Substance Control (DTSC). California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 06/30/93
Date Made Active at EDR: 12/30/93

Date of Data Arrival at EDR: 12/27/93
Elapsed ASTM days: 3

STATE NON-ASTM RECORDS:

HWIS: Hazardous Waste Information System; Source: California Environmental Protection Agency Department of Toxic Substance Control (DTSC). HWIS identifies hazardous waste generators and hazardous waste treatment, storage and disposal facilities in the state of California.

Date of Government Version: 12/31/92

CALIFORNIA COUNTY RECORDS

LOS ANGELES COUNTY:

Los Angeles County Site Mitigation Log; Source: Los Angeles County Community Health Services Public Health Investigation.
Date of Government Version: 08/26/93

Los Angeles County Underground Storage Tank (UST) List; Source: Los Angeles County Department of Public Works.
Date of Government Version: 08/26/93

ORANGE COUNTY:

Orange County Industrial Site Cleanups; Source: Orange County Health Care Agency.
Date of Government Version: 10/14/93

Orange County Underground Storage Tank Cleanups (LUST); Source: Orange County Health Care Agency.
Date of Government Version: 11/04/93

Orange County Underground Storage Tank Facilities (UST); Source: Orange County Health Care Agency.
Date of Government Version: 10/29/93

RIVERSIDE COUNTY:

Riverside County Underground Storage Tank Cleanup Sites (LUST); Source: Riverside County Department of Public Health.
Date of Government Version: 01/04/94

SAN DIEGO COUNTY:

San Diego County Solid Waste Facilities; Source: San Diego County Department of Health Services.
Date of Government Version: 12/27/93

San Diego County Unathorized Release Listing; Source: San Diego County Department of Health Services.
Date of Government Version: 01/14/94

VENTURA COUNTY:

Ventura County Underground Storage Tank Cleanup Sites (LUST); Source: Ventura County Environmental Health Division.
Date of Government Version: 12/01/93

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List; Source: Ventura County Environmental Health Division.
Date of Government Version: 01/03/94

Ventura County Invertory of Closed, Illegal Abandoned, and Inactive Sites; Source: Ventura County Environmental Health Division.
Date of Government Version: 01/03/94

Historical Database(s)

Former Manufactured Gas (Coal Gas) Sites : The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc.

MANUFACTURED GAS PLANT (Coal Gas) SITES

Prior to the widespread use of natural gas, combustible gas manufactured from coke, coal and oil served as the major fuel for urban heating, cooking and lighting in the U.S. for over 100 years. Beginning in 1816, manufactured gas or "town gas" was produced at thousands of plant sites throughout the United States. Pipeline distribution of natural gas during the 1950s rapidly replaced manufactured gas as the major gaseous fuel. As a result, manufactured gas production gradually came to an end through the 1950s and 1960s.

Along with the production of large volumes of gas, manufactured gas plants also yielded large quantities of by-products during their operation, including complex mixtures of coal tars, sludges, oils and other chemicals. Coal tar was the principal by-product from the gasification process. Although some of the coal tars were refined into a variety of marketable products, substantial volumes remained unused and were considered as waste. Coal tar and other waste products from the gasification plants were frequently disposed on the plant site in unlined pits or in some cases injected underground through injection wells. These practices have left behind subsurface coal tar contamination at many former manufactured gas plant (MGP) sites.

Coal tar is the waste of primary concern at MGP sites. Coal tars are relatively dense, viscous liquid mixtures. The composition of coal tar varies but is usually a mixture of the following:

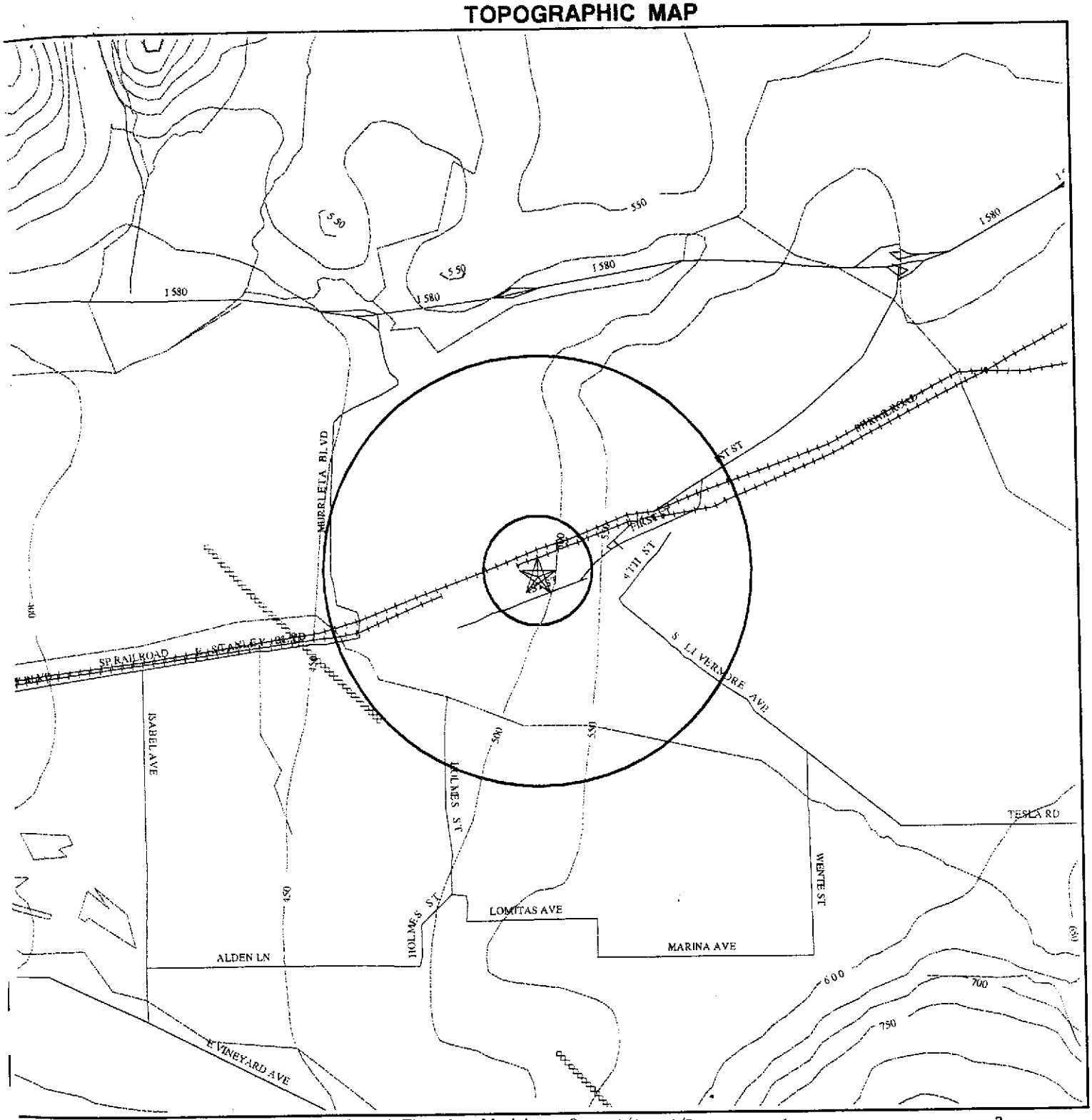
- Polycyclic aromatic hydrocarbons (PAH), such as benzo-pyrene, naphthalene, anthracene, acenaphthene and phenanthrene.
- Phenolic compounds, including phenol and methylphenols.
- Light aromatic compounds, such as benzene, toluene and xylenes.
- Miscellaneous organics, such as dibenzofuran.
- Small quantities or inorganic chemicals, such as iron, lead, copper, zinc, various sulfides, cyanides and nitrates.

Coal tar is somewhat heavier than water and tends to migrate vertically downward in the subsurface until it encounters a stratum that it cannot permeate. There it resides in an immobile state or spreads slowly. It can then serve as a continuous source of groundwater contamination in that PAH and other constituent compounds are slowly solubilized. Coal tars in the subsurface at MGP sites have persisted for decades because they are sparingly soluble, resistant to biodegration and they move slowly through porous media. The problem of coal tars in the subsurface at old MPG sites represents a significant part of the general problem of subsurface contamination with dense organic liquids in the United States.

The residue from former MGP sites often contains significant amounts of hazardous substances which can cause contamination of both soil and groundwater. A number of these sites are already included on EPA's CERCLIS list and the hazardous waste site lists of many states. Individual site cleanup costs have been estimated in the million dollar plus range.

The information included in EDR's "Former Manufactured Gas Plant Site" Database is provided under exclusive license by Real Property Scan, Inc. The information in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins on any site. This report does not constitute a legal opinion.

TOPOGRAPHIC MAP



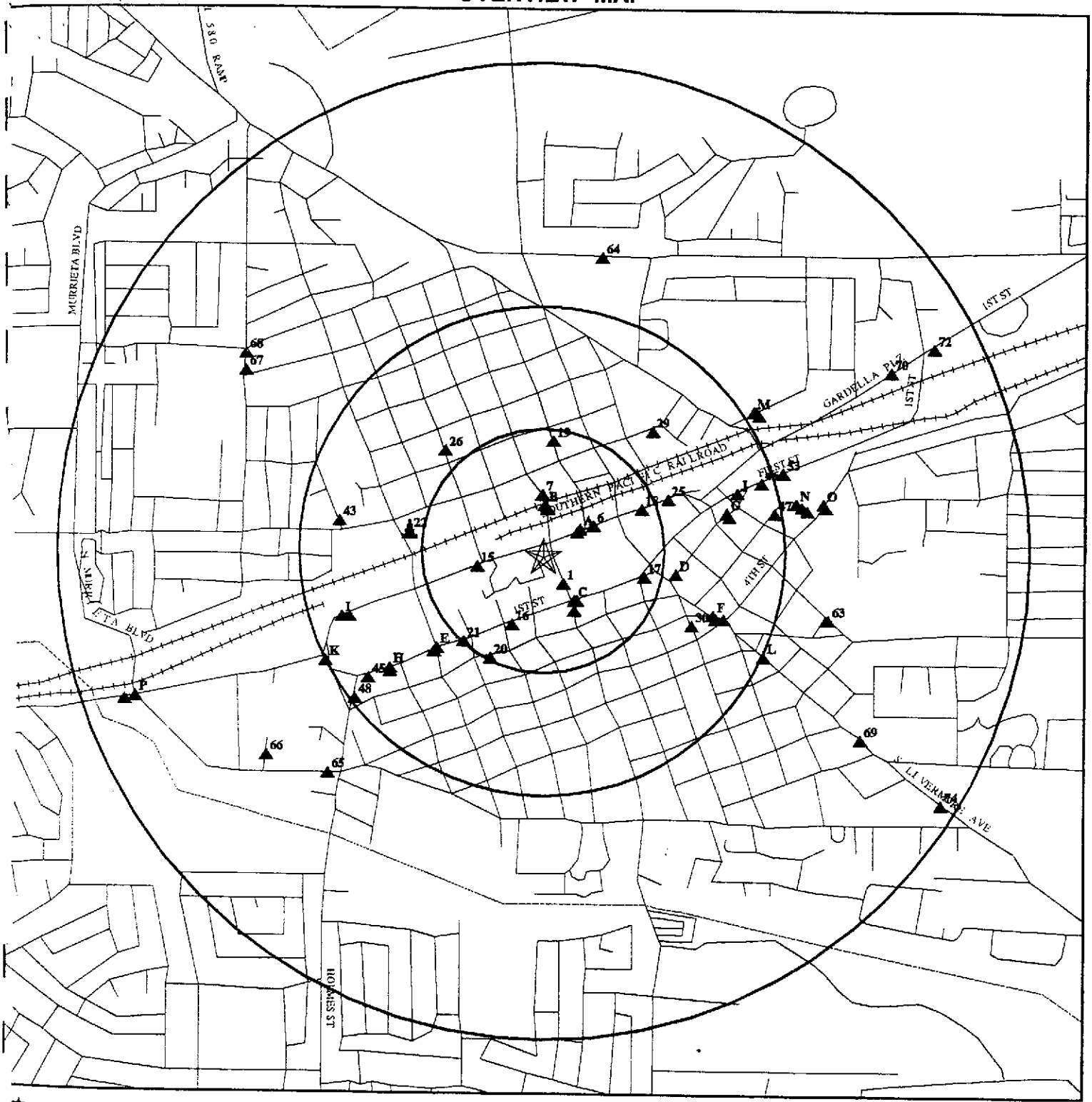
Source: US Geological Survey 1-Degree Digital Elevation Model
Compiled 09/15/92

0 1/4 1/2 1 2
Miles

- Major Roads
- Contour lines (50 foot interval unless otherwise shown)
- Waterways
- Earthquake fault lines

TARGET PROPERTY:	Affinity, Inc.	CUSTOMER:	The Earth Technology Corp.
ADDRESS:	Railroad Avenue	CONTACT:	Gail M. Jones
CITY/STATE/ZIP:	Livermore CA 94550	INQUIRY #:	43604.1
LAT/LONG:	37.6823 / 121.7712	DATE:	April 7, 1994

OVERVIEW MAP



★ - Indicates TARGET PROPERTY.

▲ - Indicates environmental elements found at ASTM or customer specified distances.

▲ - Coal Gasification Sites (if requested)

▭ - National Priority List Sites

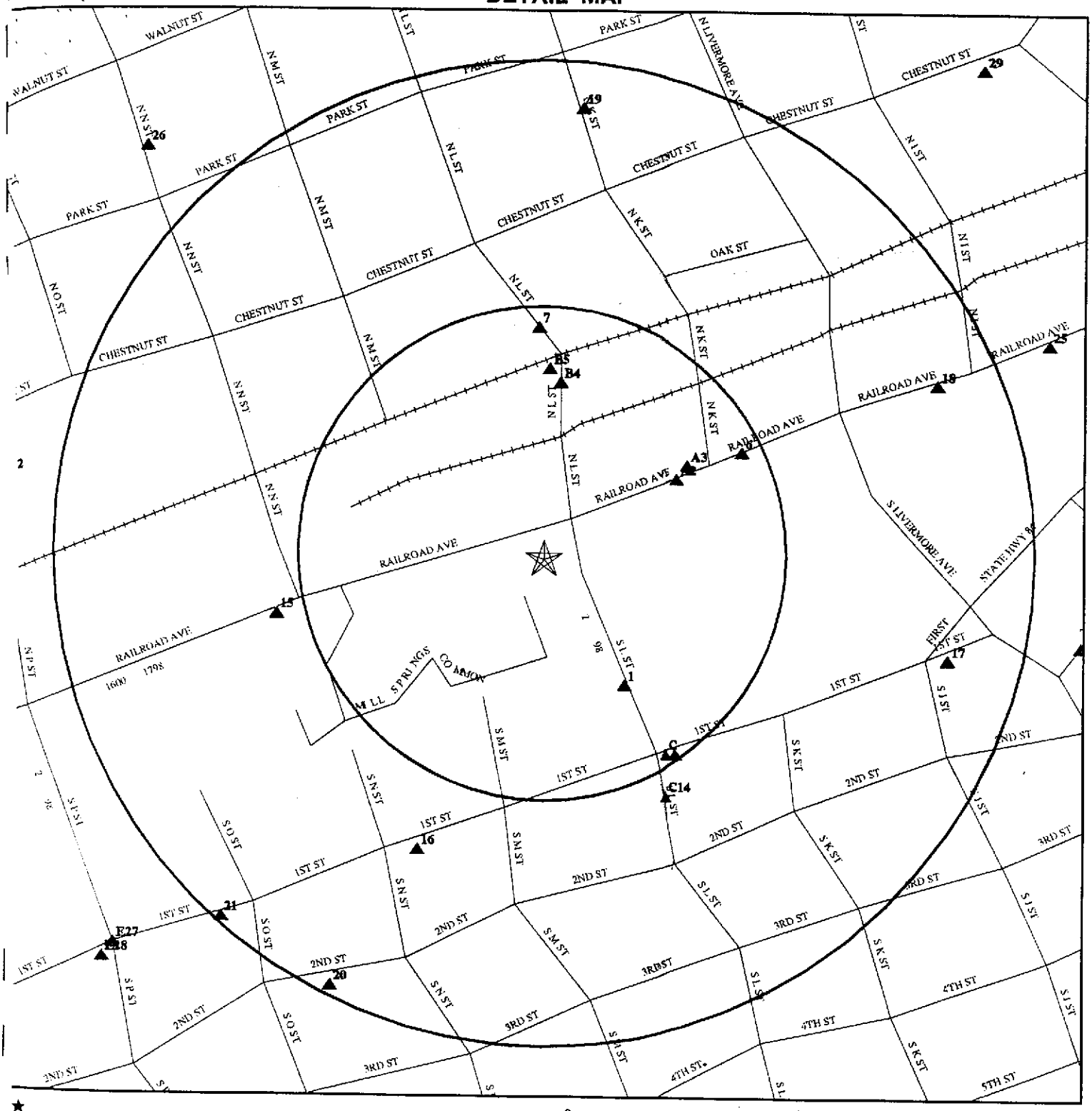
0 1/4 1/2 1

Miles

N

TARGET PROPERTY:	Affinity, Inc.	CUSTOMER:	The Earth Technology Corp.
ADDRESS:	Railroad Avenue	CONTACT:	Gail M. Jones
CITY/STATE/ZIP:	Livermore CA 94550	INQUIRY #:	43604.1
LAT/LONG:	37.6823 / 121.7712	DATE:	April 7, 1994

DETAIL MAP



★ - Indicates TARGET PROPERTY.

▲ - Indicates environmental elements found at ASTM or customer specified distances.

♟ - Coal Gasification Sites (if requested)

⌐ - National Priority List Sites

0 1/8 1/4
Miles

N

TARGET PROPERTY:	Affinity, Inc.	CUSTOMER:	The Earth Technology Corp.
ADDRESS:	Railroad Avenue	CONTACT:	Gail M. Jones
CITY/STATE/ZIP:	Livermore CA 94550	INQUIRY #:	43604.1
LAT/LONG:	37.6823 / 121.7712	DATE:	April 7, 1994

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1.000	0	0	0	0	NR	0
RCRIS-TSD		1.000	0	0	0	0	NR	0
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	2	4	6	NR	12
Notify 65		1.000	1	0	1	2	NR	4
CHMIRS		1.000	1	3	7	4	NR	15
Cortese		1.000	4	1	11	12	NR	28
Toxic Pits		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	1	NR	NR	1
St. Landfill (SWIS)		0.500	0	0	0	NR	NR	0
LUST		0.500	4	1	9	NR	NR	14
UST		0.125	3	NR	NR	NR	NR	3
RAATS		TP	NR	NR	NR	NR	NR	0
SWAT		TP	NR	NR	NR	NR	NR	0
HWIS		0.125	2	NR	NR	NR	NR	2
RCRIS Sm. Quan. Gen.		0.125	3	NR	NR	NR	NR	3
RCRIS Lg. Quan. Gen.		0.125	0	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
Coal Gas		1.000	0	0	1	0	NR	1

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
1 SSE < 1/8	GROTH BROS OLDSMOBILE INC 59 SOUTH L STREET LIVERMORE, CA 94550	RCRIS-SQG FINDS LUST UST HWIS	1000405003 CAD981400211

LUST:
Date Spilled: N/A Chemical: N/A
Lead Agency: N/A
Substance: N/A
Case Type: N/A
Status: N/A
Last Review: N/A

HWIS:
Waste Category: Unspecified solvent mixture
Tons: 0000000178 Handling method: Recycler

CA UST ID#: 00000021783

Tank #:	1	Container #:	TANK #1	Capacity #:	00000550
Year Installed:	1935	Tank Used for:	PRODUCT		
Type of Fuel:	UNLEADED	Tank Construction:	N/A		
Leak Detection:	None				

CA UST ID#: 00000021783

Tank #:	2	Container #:	TANK #2	Capacity #:	00001500
Year Installed:	N/A	Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Construction:	N/A		
Leak Detection:	None				

CA UST ID#: 00000021783

Tank #:	3	Container #:	TANK #3	Capacity #:	00001500
Year Installed:	N/A	Tank Used for:	PRODUCT		
Type of Fuel:	UNLEADED	Tank Construction:	N/A		
Leak Detection:	None				

CA UST ID#: 00000021783

Tank #:	4	Container #:	TANK #4	Capacity #:	00000550
Year Installed:	N/A	Tank Used for:	WASTE		
Type of Fuel:	WASTE OIL	Tank Construction:	N/A		
Leak Detection:	None				

There are 3 other tank details available for this site.

A2 ENE < 1/8	1X LUCKY STORES INC 2073 RAILROAD AVE LIVERMORE, CA 94550	HWIS	S100577073 N/A

HWIS:
Waste Category: Asbestos containing waste
Tons: 0000001118 Handling method: Landfill

A3 ENE < 1/8	JS CLEANERS 2093 RAILROAD LIVERMORE, CA 94550	RCRIS-SQG FINDS	1000174463 CAD981580939

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
B4 North < 1/8	ARROW RENTALS L ST N (187) LIVERMORE, CA 94550	LUST Cortese	S100226601 N/A

LUST:
Date Spilled: N/A Chemical: N/A
Lead Agency: N/A
Substance: N/A
Case Type: N/A
Status: N/A
Last Review: N/A

CORTESE:
Facility ID: N/A Data Source: LTANK

B5 North < 1/8	ARROW RENTALS 187 NORTH L STREET LIVERMORE, CA 92516	Notify 65	S100179151 N/A

NOTIFY 65: N/A

---

6 ENE < 1/8	HANSENS BODY SHOP 2127 RAILROAD AVE LIVERMORE, CA 94550	RCRIS-SQG FINDS	1000379922 CAD981964059

---

7 North < 1/8	"L" STREET CAR WASH 220 NO. "L" ST. LIVERMORE, CA 94550	UST	U001597264 N/A

CA UST ID#: 00000000913
Tank #: 1 Container #: 004 Capacity #: 00000400
Year Installed: 1970 Tank Used for: WASTE
Type of Fuel: N/A Tank Construction: N/A
Leak Detection:

CA UST ID#: 00000000913
Tank #: 2 Container #: 001 Capacity #: 00006000
Year Installed: 1978 Tank Used for: PRODUCT
Type of Fuel: PREMIUM Tank Construction: N/A
Leak Detection: Stock Inventor

CA UST ID#: 00000000913
Tank #: 3 Container #: 002 Capacity #: 00010000
Year Installed: 1970 Tank Used for: PRODUCT
Type of Fuel: UNLEADED Tank Construction: N/A
Leak Detection: Stock Inventor

CA UST ID#: 00000000913
Tank #: 4 Container #: 003 Capacity #: 00008000
Year Installed: 1970 Tank Used for: PRODUCT
Type of Fuel: REGULAR Tank Construction: N/A
Leak Detection: Stock Inventor

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
C8 SSE < 1/8	GASCO SERVICE STATION #795 2008 FIRST STREET LIVERMORE, CA 94550	UST	U001597310 N/A

CA UST ID#: 00000009423

Tank #:	1	Container #:	#1	Capacity #:	00010000
Year Installed:	N/A	Tank Used for:	PRODUCT		
Type of Fuel:	REGULAR	Tank Construction:	1/4 inches		
Leak Detection:	Stock Inventor				

CA UST ID#: 00000009423

Tank #:	2	Container #:	#2	Capacity #:	00008000
Year Installed:	N/A	Tank Used for:	PRODUCT		
Type of Fuel:	PREMIUM	Tank Construction:	1/4 inches		
Leak Detection:	Stock Inventor				

CA UST ID#: 00000009423

Tank #:	3	Container #:	#3	Capacity #:	00010000
Year Installed:	N/A	Tank Used for:	PRODUCT		
Type of Fuel:	UNLEADED	Tank Construction:	1/4 inches		
Leak Detection:	Stock Inventor				

CA UST ID#: 00000009423

Tank #:	4	Container #:	#4	Capacity #:	00000450
Year Installed:	N/A	Tank Used for:	WASTE		
Type of Fuel:	WASTE OIL	Tank Construction:	1/4 inches		
Leak Detection:	None				

C9 SSE < 1/8	MOBIL (INDEPENDENT) 2008 1ST ST LIVERMORE, CA 94550	LUST	S100544301 N/A

LUST: N/A

C10 SSE < 1/8	MOBIL (INDEPENDENT) 2008 1ST ST LIVERMORE, CA 94550	LUST	S100354824 N/A

LUST:

Date Spilled:	05/25/88	Chemical:	N/A
Lead Agency:	Local Agency		
Substance:	N/A		
Case Type:	Ground water has been affected		
Status:	Preliminary site assessment workplan submitted		
Last Review:	N/A		
Date Spilled:	N/A	Chemical:	N/A
Lead Agency:	N/A		
Substance:	N/A		
Case Type:	N/A		
Status:	N/A		
Last Review:	N/A		

C11 SSE < 1/8	1X GASCO 1ST ST (2008) LIVERMORE, CA	Cortese	S100472454 N/A

CORTESE:

Facility ID:	CAD98199069	Data Source:	HWIS

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
C12 SSE < 1/8	DESERT PETROLEUM INC 1ST ST (2008) LIVERMORE, CA	Cortese	S100474096 N/A

CORTESE:
Facility ID: CAL00000506 Data Source: HWIS

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
C13 SSE < 1/8	MOBIL (INDEPENDENT) 1ST ST (2008) LIVERMORE, CA	Cortese	S100474707 N/A

CORTESE:
Facility ID: N/A Data Source: LTANK

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
C14 SSE < 1/8	148 SOUTH L STREET LIVERMORE, CA 94550	CHMIRS	S100220026 N/A

CHMIRS:

OES Control Number:	9011427	Chemical Name:	GAS, NATURAL
DOT ID:	1972	DOT Hazard Class:	Gases
CAS Number:	N/A	Quantity Released:	0
Environmental Contamination:	Air	Property Use:	Mercantile, Business
Incident Date:	19-JUN-90	Date Completed:	19-JUN-90

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
15 WSW 1/8-1/4	MILL SPRINGS PARK APARTMENTS RAILROAD AVE (1799) LIVERMORE, CA	Cortese	S100226608 N/A

CORTESE:
Facility ID: N/A Data Source: LTANK

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
16 SSW 1/8-1/4	1817 FIRST STREET LIVERMORE, CA 94550	CHMIRS	S100278240 N/A

CHMIRS:

OES Control Number:	9119412	Chemical Name:	NATURAL GAS (METHANE)
DOT ID:	1971	DOT Hazard Class:	Gases
CAS Number:	74-82-8	Quantity Released:	50
Environmental Contamination:	Air	Property Use:	Mercantile, Business
Incident Date:	25-SEP-91	Date Completed:	25-SEP-91

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
17 ESE 1/8-1/4	INLAND VALLEY PUBLISHING COMPANY 2219 1ST STREET LIVERMORE, CA 94550	Cal-Sites	S100191124 N/A

CAL-SITES Status: NFA (NO FURTHER ACTION FOR DTSC)
Facility ID: 01270007 Current Status Date: 11/05/80

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
18 ENE 1/8-1/4	2271 RAILROAD AVE LIVERMORE, CA 94550	CHMIRS	S100274980 N/A

CHMIRS:

OES Control Number:	8906611	Chemical Name:	OIL
DOT ID:	1270	DOT Hazard Class:	Flammable liquid
CAS Number:	111111001	Quantity Released:	N/A
Environmental Contamination:	7	Property Use:	Vacant Lot
Incident Date:	15-JUN-89	Date Completed:	15-JUN-89

19 North 1/8-1/4	MAVRICK SOUND ENGINEERING 363 NORTH K STREET LIVERMORE, CA 94550	Cal-Sites	S100191040 N/A

CAL-SITES Status: NFA (NO FURTHER ACTION FOR DTSC)
Facility ID: 01170022 Current Status Date: 08/25/80

20 SSW 1/8-1/4	1742 SECOND STREET LIVERMORE, CA 94550	CHMIRS	S100277261 N/A

CHMIRS:

OES Control Number:	9115473	Chemical Name:	PCB
DOT ID:	2315	DOT Hazard Class:	Miscellaneous hazardous material
CAS Number:	1336-36-3	Quantity Released:	15
Environmental Contamination:	Ground	Property Use:	County/City Road
Incident Date:	18-FEB-91	Date Completed:	18-FEB-91

21 SW 1/8-1/4	DEPAOLI PROPERTY 1679 1ST ST LIVERMORE, CA 94550	LUST	S100226588 N/A

LUST:

Date Spilled:	09/24/90 Chemical: N/A
Lead Agency:	Local Agency
Substance:	N/A
Case Type:	Only soil has been affected
Status:	Signed off, remedial action completed or deemed unnecessary
Last Review:	N/A
Date Spilled:	N/A Chemical: N/A
Lead Agency:	N/A
Substance:	N/A
Case Type:	N/A
Status:	N/A
Last Review:	N/A

22 West 1/4-1/2	LIVERMORE GAS CO. SOUTHEAST OF THE INTERSECTION OF OAK ST. AND O STR LIVERMORE, CA 95240	Coal Gas	G000000726 N/A

COAL GAS SITE DESCRIPTION:
1904 site called Livermore Water & Power Co. Site is south of Chestnut on the e the extension of O St. Site is bordered to the south by railroad tracks. By 19 n.

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
D23 East 1/4-1/2	PACIFIC TELEPHONE AND TELEGRAP 2ND ST (2324) LIVERMORE, CA 94550	Cortese	S100455131 N/A

CORTESE:
Facility ID: CAT08002035 Data Source: HWIS

D24 East 1/4-1/2	PACIFIC TELEPHONE AND TELEGRAP 2ND ST (2324) LIVERMORE, CA 94550	Cortese	S100455132 N/A

CORTESE:
Facility ID: CAT08002035 Data Source: FINDS

25 ENE 1/4-1/2	LIVERMORE AGRICULTURAL OFFICE 2418 RAILROAD AVE LIVERMORE, CA 94550	LUST	S100503228 N/A

LUST:
Date Spilled: N/A Chemical: N/A
Lead Agency: N/A
Substance: N/A
Case Type: N/A
Status: N/A
Last Review: N/A
Date Spilled: N/A Chemical: N/A
Lead Agency: Local Agency
Substance: N/A
Case Type: The type of resources affected or extent of resources affected are not known
Status: No leak action taken by responsible party after initial report of leak
Last Review: N/A

26 NW 1/4-1/2	ERICSON PROPERTY 444 N ST N LIVERMORE, CA	LUST	S100272643 N/A

LUST:
Date Spilled: 06/11/91 Chemical: N/A
Lead Agency: Regional Board
Substance: N/A
Case Type: Only soil has been affected
Status: Signed off, remedial action completed or deemed unnecessary
Last Review: N/A
Date Spilled: N/A Chemical: N/A
Lead Agency: N/A
Substance: N/A
Case Type: N/A
Status: N/A
Last Review: N/A

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
E27 SW 1/4-1/2	LIVERMORE ARCADE SHOPPING CENTER FIRST & P STREETS LIVERMORE, CA 94550	Cal-Sites CERCLIS FINDS	1000710163 CAD983664665

CERCLIS Site Status: This site is currently under investigation by the government to assess the extent of further action
CERCLIS Last Assessment: DISCOVERY Completed - 04/13/93

CAL-SITES Status: RWQCB (REGIONAL WATER QUALITY CONTROL BOARD (RWQCB) LEAD)
Facility ID: 01530002 Current Status Date: 04/22/93
CAL-SITES Status: OAL (OTHER AGENCY LEAD)
Facility ID: 01530003 Current Status Date: 06/25/93

(For more information on this site, call your EDR Customer Service Rep.)

E28 SW 1/4-1/2	1593 FIRST STREET LIVERMORE, CA 94550	CHMIRS	S100275191 N/A

CHMIRS:

OES Control Number:	8908842	Chemical Name:	HYDROCARBON
DOT ID:	1965	DOT Hazard Class:	N/A
CAS Number:	N/A	Quantity Released:	N/A
Environmental Contamination:	N/A	Property Use:	Mercantile, Business
Incident Date:	14-NOV-89	Date Completed:	14-NOV-89

---

29 NE 1/4-1/2	2375 CHESTNUT LIVERMORE, CA 94550	CHMIRS	S100277950 N/A

CHMIRS:

OES Control Number:	9118306	Chemical Name:	ROOF PATCH - ASPHALT
DOT ID:	1993	DOT Hazard Class:	Miscellaneous hazardous material
CAS Number:	N/A	Quantity Released:	.3
Environmental Contamination:	N/A	Property Use:	Private Road
Incident Date:	29-JUL-91	Date Completed:	29-JUL-91

---

30 ESE 1/4-1/2	BAY AREA PUBLISHING COMPANY 325 SOUTH I STREET LIVERMORE, CA 94550	Cal-Sites	S100191130 N/A

CAL-SITES Status: NFA (NO FURTHER ACTION FOR DTSC)
Facility ID: 01270014 Current Status Date: 08/05/80

F31 ESE 1/4-1/2	LIVERMORE AVE SHELL LIVERMORE AVE S. (318) LIVERMORE, CA	Cortese	S100474615 N/A

CORTESE:
Facility ID: CAL00001961 Data Source: HWIS

F32 ESE 1/4-1/2	SHELL LIVERMORE AVE S. (318) LIVERMORE, CA	Cortese	S100226613 N/A

CORTESE:
Facility ID: N/A Data Source: LTANK

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
F33 ESE 1/4-1/2	SHELL 318 LIVERMORE AVE S LIVERMORE, CA 94550	LUST	S100544351 N/A

LUST:
Date Spilled: 02/18/90 Chemical: N/A
Lead Agency: Local Agency
Substance: N/A
Case Type: Only soil has been affected
Status: Pollution characterization
Last Review: N/A

F34 ESE 1/4-1/2	318 SOUTH LIVERMORE AVENUE LIVERMORE, CA 94550	CHMIRS	S100278024 N/A

CHMIRS:

OES Control Number:	9118558	Chemical Name:	GASOLINE
DOT ID:	1203	DOT Hazard Class:	Flammable liquid
CAS Number:	008006619	Quantity Released:	5
Environmental Contamination:	Ground	Property Use:	Mercantile, Business
Incident Date:	15-AUG-91	Date Completed:	15-AUG-91

G35 ENE 1/4-1/2	1X INTERNATIONAL AUTO CAR 2ND ST (2551) LIVERMORE, CA 94550	Cortese	S100455133 N/A

CORTESE:
Facility ID: CAC00050412 Data Source: HWIS

G36 ENE 1/4-1/2	INTERNATIONAL AUTO CAR 2ND ST (2551) LIVERMORE, CA 94550	LUST Cortese	S100272640 N/A

LUST:
Date Spilled: N/A Chemical: N/A
Lead Agency: N/A
Substance: N/A
Case Type: N/A
Status: N/A
Last Review: N/A

CORTESE:
Facility ID: N/A Data Source: LTANK

H37 SW 1/4-1/2	1X FUCHS, ROBERT 1ST ST (1453) LIVERMORE, CA 94550	Cortese	S100455126 N/A

CORTESE:
Facility ID: CAC00026597 Data Source: HWIS

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
F38 ESE 1/4-1/2	385 SOUTH LIVERMORE AVENUE LIVERMORE, CA 94550	CHMIRS	S100220673 N/A

CHMIRS:

OES Control Number:	9013497	Chemical Name:	FREON
DOT ID:	N/A	DOT Hazard Class:	Gases
CAS Number:	N/A	Quantity Released:	3
Environmental Contamination:	Air	Property Use:	Mercantile, Business
Incident Date:	16-OCT-90	Date Completed:	16-OCT-90

H39 SW 1/4-1/2	VINTAGE REALTY 1ST ST (1453) LIVERMORE, CA 94550	LUST Cortese	S100272638 N/A

LUST:

Date Spilled:	03/26/91	Chemical:	N/A
Lead Agency:	Local Agency		
Substance:	N/A		
Case Type:	Ground water has been affected		
Status:	Preliminary site assessment workplan submitted		
Last Review:	N/A		
Date Spilled:	N/A	Chemical:	N/A
Lead Agency:	N/A		
Substance:	N/A		
Case Type:	N/A		
Status:	N/A		
Last Review:	N/A		

CORTESE:

Facility ID: N/A Data Source: LTANK

I40 WSW 1/4-1/2	MOSC, PAUL'S SPARKLE CLEANERS 1332 RAILROAD AVENUE LIVERMORE, CA 94550	Notify 65	S100562418 N/A

NOTIFY 65:

Date Reported:	19930622 Staff Initials: LF
Board File Number:	002930004
Facility Type:	soil
Discharge Date:	N/A
Incident Description:	Based on a Remedial Investigation done in the general area, encompassing the site, by an adjacent property owner.

J41 ENE 1/4-1/2	ULTRAMAR 2620 OLD 1ST ST E LIVERMORE, CA 94550	LUST Cortese	S100354880 N/A

LUST:

Date Spilled:	N/A	Chemical:	N/A
Lead Agency:	N/A		
Substance:	N/A		
Case Type:	N/A		
Status:	N/A		
Last Review:	N/A		

CORTESE:

Facility ID: N/A Data Source: LTANK

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
J42 ENE 1/4-1/2	2620 OLD FIRST STREET LIVERMORE, CA 94550	CHMIRS	S100220860 N/A

CHMIRS:

OES Control Number:	9014166	Chemical Name:	GASOLINE
DOT ID:	N/A	DOT Hazard Class:	Flammable liquid
CAS Number:	N/A	Quantity Released:	39
Environmental Contamination:	7	Property Use:	Mercantile, Business
Incident Date:	28-NOV-90	Date Completed:	28-NOV-90

43 West 1/4-1/2	WINTERFELD, GEORGE 318 ADELLE STREET LIVERMORE, CA 94550	Cal-Sites	S100191986 N/A

CAL-SITES Status: NFA (NO FURTHER ACTION FOR DTSC)
Facility ID: 01760012 Current Status Date: 11/05/80

I44 WSW 1/4-1/2	1320 RAILROAD AVENUE LIVERMORE, CA 94550	CHMIRS	S100220921 N/A

CHMIRS:

OES Control Number:	9014364	Chemical Name:	PHARMACEUTICAL DRUGS
DOT ID:	N/A	DOT Hazard Class:	Poisonous and etiologic (infectious) material
CAS Number:	N/A	Quantity Released:	0
Environmental Contamination:	Other	Property Use:	Mercantile, Business
Incident Date:	14-DEC-90	Date Completed:	14-DEC-90

45 SW 1/4-1/2	CHEVRON 1ST ST W (1334) LIVERMORE, CA	LUST Cortese	S100226618 N/A

LUST:

Date Spilled:	09/04/84 Chemical: N/A
Lead Agency:	Regional Board Inactive
Substance:	N/A
Case Type:	Only soil has been affected
Status:	No leak action taken by responsible party after initial report of leak
Last Review:	N/A
Date Spilled:	N/A Chemical: N/A
Lead Agency:	N/A
Substance:	N/A
Case Type:	N/A
Status:	N/A
Last Review:	N/A

CORTESE:
Facility ID: N/A Data Source: LTANK

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
46 ENE 1/4-1/2	GANSBERGER PROPERTY 2730 OLD 1ST ST LIVERMORE, CA 94550	LUST	S100355356 N/A

LUST:
Date Spilled: 11/19/92 Chemical: N/A
Lead Agency: Local Agency
Substance: N/A
Case Type: Only soil has been affected
Status: No leak action taken by responsible party after initial report of leak
Last Review: N/A
Date Spilled: N/A Chemical: N/A
Lead Agency: N/A
Substance: N/A
Case Type: N/A
Status: N/A
Last Review: N/A

---

47 East 1/4-1/2	SUNSHINE SOLAR SYSTEMS 2664 3RD STREET LIVERMORE, CA 94550	Cal-Sites	S100191307 N/A

CAL-SITES Status: NFA (NO FURTHER ACTION FOR DTSC)
Facility ID: 01340064 Current Status Date: 11/05/80

---

48 SW 1/4-1/2	160 HOLMES STREET L1VERMORE, CA 94550	CHMIRS	S100278512 N/A

CHMIRS:

OES Control Number:	9120631	Chemical Name:	DIESEL FUEL
DOT ID:	1993	DOT Hazard Class:	Flammable liquid
CAS Number:	N/A	Quantity Released:	2
Environmental Contamination:	Ground	Property Use:	Mercantile, Business
Incident Date:	23-NOV-91	Date Completed:	23-NOV-91

K49 WSW 1/4-1/2	K-MART STANLEY BLVD E (1122) LIVERMORE, CA	Cortese	S100226593 N/A

CORTESE:
Facility ID: N/A Data Source: LTANK

K50 WSW 1/4-1/2	K-MART 1122 STANLEY BLVD E LIVERMORE, CA 94550	LUST	S100544251 N/A

LUST: N/A

L51 ESE 1/2-1	1X CARPENTER, ROBERT & EDNA LIVERMORE AVE S. (524) LIVERMORE, CA 94550	Cortese	S100455113 N/A

CORTESE:
Facility ID: CAC00054885 Data Source: HWIS

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
L52 ESE 1/2-1	CARPENTER PROPERTY LIVERMORE AVE S. (524) LIVERMORE, CA 94550	LUST Cortese	S100272642 N/A

LUST:
Date Spilled: N/A Chemical: N/A
Lead Agency: N/A
Substance: N/A
Case Type: N/A
Status: N/A
Last Review: N/A

CORTESE:
Facility ID: N/A Data Source: LTANK

---

53 ENE 1/2-1	2855 OLD FIRST STREET LIVERMORE, CA 94550	CHMIRS	S100278455 N/A

CHMIRS:

OES Control Number:	9120370	Chemical Name:	ETHYLENE GLYCOL
DOT ID:	N/A	DOT Hazard Class:	N/A
CAS Number:	107-21-1	Quantity Released:	0
Environmental Contamination:	N/A	Property Use:	099
Incident Date:	15-NOV-91	Date Completed:	15-NOV-91

M54 ENE 1/2-1	1X LIVERMORE AMADOR VALLEY TRA LADD AVE (2900) LIVERMORE, CA 94550	Cortese HWIS	S100455110 N/A

HWIS:
Waste Category: Other empty containers 30 gallons or more
Tons: 0000000800 Handling method: Landfill
Waste Category: Other empty containers 30 gallons or more
Tons: 0000000100 Handling method: Recycler
Waste Category: Waste oil and mixed oil
Tons: 0000000187 Handling method: Recycler

CORTESE:
Facility ID: CAC00023553 Data Source: HWIS

M55 ENE 1/2-1	LIVERMOR AMADOR TRANSIT AUTH LADD AVE (2900) LIVERMORE, CA 94550	Cortese	S100455112 N/A

CORTESE:
Facility ID: CAL00008444 Data Source: HWIS

M56 ENE 1/2-1	1X LAIDLAW TRANSIT INC. LADD AVE (2900) LIVERMORE, CA 94550	Cortese	S100455111 N/A

CORTESE:
Facility ID: CAC00052499 Data Source: HWIS

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
M57 ENE 1/2-1	LIVERMORE SCHOOL DIST GARAGE LADD AVE (2900) LIVERMORE, CA 94550 LUST: Date Spilled: N/A Chemical: N/A Lead Agency: N/A Substance: N/A Case Type: N/A Status: N/A Last Review: N/A CORTESE: Facility ID: N/A Data Source: LTANK	LUST Cortese	S100226599 N/A
N58 East 1/2-1	NONE 330 WOOD LIVERMORE, CA 92516 NOTIFY 65: N/A	Notify 65	S100179250 N/A
N59 East 1/2-1	J & W DEVELOPMENT CO WOOD ST (330) LIVERMORE, CA LUST: Date Spilled: 09/18/89 Chemical: N/A Lead Agency: Local Agency Substance: N/A Case Type: Only soil has been affected Status: Preliminary site assessment workplan submitted Last Review: N/A Date Spilled: N/A Chemical: N/A Lead Agency: N/A Substance: N/A Case Type: N/A Status: N/A Last Review: N/A CORTESE: Facility ID: N/A Data Source: LTANK	LUST Cortese	S100226619 N/A
N60 East 1/2-1	ATOM APPLIANCE SERVICE 360 WOOD STREET LIVERMORE, CA 94550 CAL-SITES Status: NFA (NO FURTHER ACTION FOR DTSC) Facility ID: 01760022 Current Status Date: 08/05/80	Cal-Sites	S100191996 N/A
O61 East 1/2-1	NONE 2920 4TH LIVERMORE, CA 92516 NOTIFY 65: N/A	Notify 65	S100179249 N/A

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
O62 East 1/2-1	J&W DEVELOPMENT CO 4TH ST (2929) LIVERMORE, CA 94550	LUST Cortese	S100226590 N/A

LUST:
Date Spilled: N/A Chemical: N/A
Lead Agency: N/A
Substance: N/A
Case Type: N/A
Status: N/A
Last Review: N/A

CORTESE:
Facility ID: N/A Data Source: LTANK

---

63 ESE 1/2-1	600 MAPLE ST. LIVERMORE, CA 94550	CHMIRS	S100274998 N/A

CHMIRS:

OES Control Number:	8906771	Chemical Name:	FORMALDEHYDE
DOT ID:	1198	DOT Hazard Class:	Poisonous and etiologic (infectious) material
CAS Number:	111111001	Quantity Released:	N/A
Environmental Contamination:	Air	Property Use:	Educational
Incident Date:	03-JUL-89	Date Completed:	03-JUL-89

---

64 North 1/2-1	MURILLO BLACKSMITH & WELDING SHOP 2458 PORTOLA AVENUE LIVERMORE, CA 94550	Cal-Sites	S100191760 N/A

CAL-SITES Status: NFA (NO FURTHER ACTION FOR DTSC)
Facility ID: 01510006 Current Status Date: 08/07/80

---

65 SW 1/2-1	CLINI-PATH LABS INC 1171 MURRIETA BOULEVARD LIVERMORE, CA 94550	Cal-Sites	S100192029 N/A

CAL-SITES Status: NFA (NO FURTHER ACTION FOR DTSC)
Facility ID: 01800015 Current Status Date: 08/05/80

---

66 SW 1/2-1	FRANKLIN OPTICAL 22 FENTON AVENUE LIVERMORE, CA 94550	Cal-Sites	S100191674 N/A

CAL-SITES Status: NFA (NO FURTHER ACTION FOR DTSC)
Facility ID: 01500015 Current Status Date: 12/04/80

---

67 WNW 1/2-1	COLLIERS APPLIANCE SERVICE 835 RINCON AVENUE LIVERMORE, CA 94550	Cal-Sites	S100191989 N/A

CAL-SITES Status: NFA (NO FURTHER ACTION FOR DTSC)
Facility ID: 01760015 Current Status Date: 08/06/80

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
68 WNW 1/2-1	ARCO PRODUCTS CO FAC 771 RINCON AVE (899) LIVERMORE, CA	Cortese	S100473434 N/A

CORTESE:
Facility ID: CAL00002837 Data Source: HWIS

69 ESE 1/2-1	UNOCAL LIVERMORE AVE S. (900) LIVERMORE, CA 94550	Cortese	S100226614 N/A

CORTESE:
Facility ID: N/A Data Source: LTANK

70 ENE 1/2-1	UNOCAL BULK PLANT 3337 GARDELLA PLAZA RD LIVERMORE, CA	LUST Cortese	S100354894 N/A

LUST:
Date Spilled: N/A Chemical: N/A
Lead Agency: N/A
Substance: N/A
Case Type: N/A
Status: N/A
Last Review: N/A

CORTESE:
Facility ID: N/A Data Source: LTANK

P71 WSW 1/2-1	STANELY BLVD. AND MURRIETA BLVD. LIVERMORE, CA 94550	CHMIRS	S100278148 N/A

CHMIRS:

OES Control Number:	9119065	Chemical Name:	LATEX PAINT
DOT ID:	1760	DOT Hazard Class:	Miscellaneous hazardous material
CAS Number:	N/A	Quantity Released:	40
Environmental Contamination:	Ground	Property Use:	County/City Road
Incident Date:	11-SEP-91	Date Completed:	11-SEP-91

72 ENE 1/2-1	D & M ENTERPRISE HTG & COMPANY 3517 1ST STREET LIVERMORE, CA 94550	Cal-Sites	S100191653 N/A

CAL-SITES Status: NFA (NO FURTHER ACTION FOR DTSC)
Facility ID: 01490001 Current Status Date: 08/25/80

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
P73 WSW 1/2-1	ARCO STANLEY BLVD E (785) LIVERMORE, CA 94550	LUST Cortese	S100226595 N/A

LUST:
Date Spilled: N/A Chemical: N/A
Lead Agency: N/A
Substance: N/A
Case Type: N/A
Status: N/A
Last Review: N/A

CORTESE:
Facility ID: N/A Data Source: LTANK

Map ID Direction Distance	Site	Database(s)	EDR ID Number EPA ID Number
74 ESE 1/2-1	1052 SOUTH LIVERMORE AVENUE LIVERMORE, CA 94550	CHMIRS	S100277921 N/A

CHMIRS:

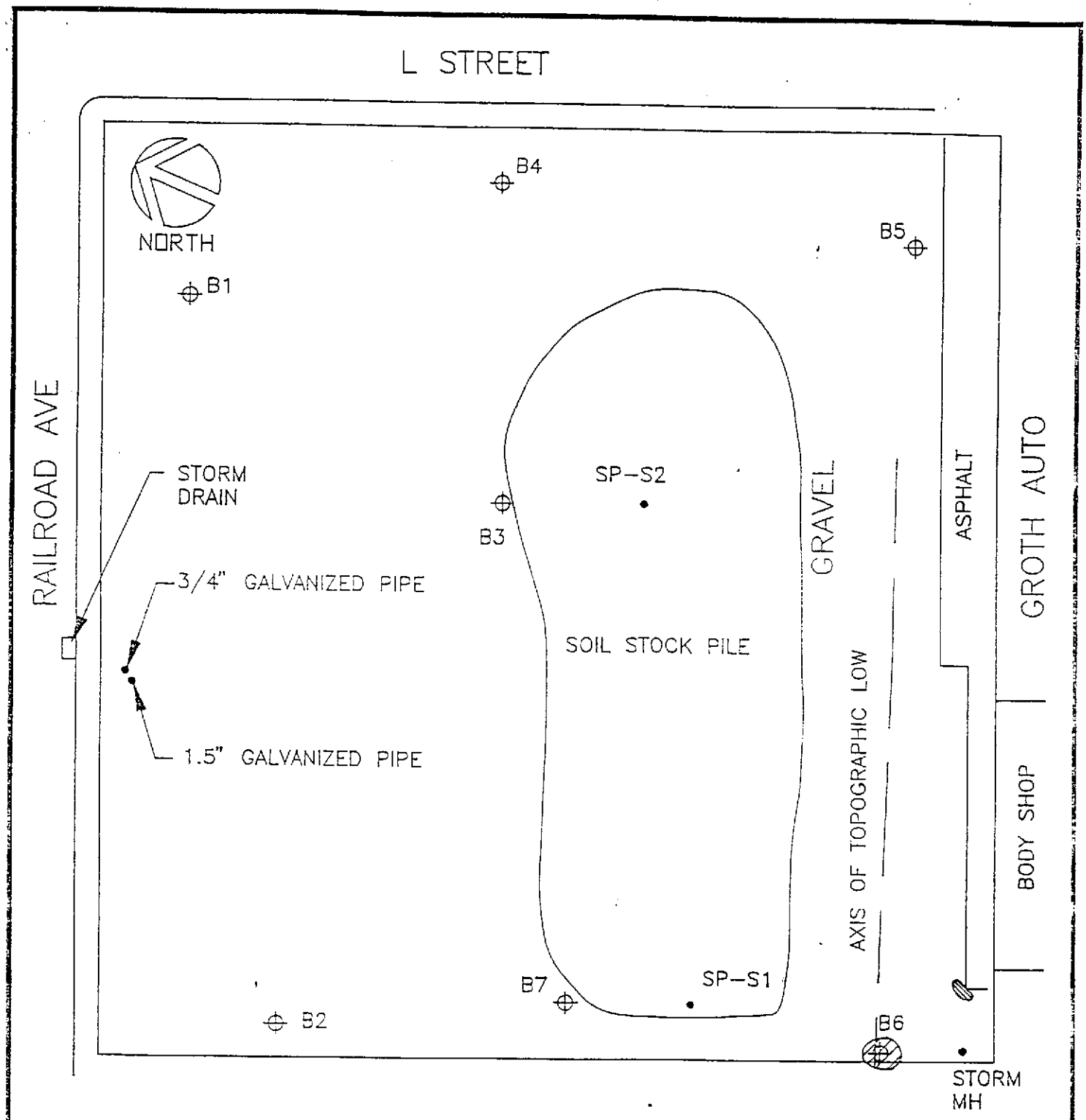
OES Control Number:	9118210	Chemical Name:	MERCURY
DOT ID:	2809	DOT Hazard Class:	Miscellaneous hazardous material
CAS Number:	7439-97-6	Quantity Released:	30
Environmental Contamination:	Other	Property Use:	Public Assembly
Incident Date:	22-JUL-91	Date Completed:	22-JUL-91

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LIVERMORE	S100628704	FRIGARD CHIROPRACTIC OFFICE IN	457 N "L" ST		J
LIVERMORE	S100623095	D&M MACHINE SHOP	241 NORTH "M" ST		J
LIVERMORE	S100191436	JOHN RIVERS COMPANY	208 NORTH 1ST STREET	94550	A
LIVERMORE	1000196802	PG&E GAS PLANT LIVERMORE	200 TO 375 FT W OF N ST @RR	94550	CI
LIVERMORE	S100624049	IMPORT AUTO TECH	3985 FIRST ST SUITE K	94550	J
LIVERMORE	S100191780	R A HANSEN COMPANY INC	4477 SOUTH FRONT ROAD	94550	A
LIVERMORE	U000055481	UNION OIL BULK PLANT #0362	GARDELLA PLAZA (3357)		OU
LIVERMORE	S100475552	UNOCAL BULK PLANT #0362	GARDELLA PLAZA (3357)		OJ
LIVERMORE	S100709157	LAWRENCE LIVERMORE BLDG #829	LAWRENCE LIVERMORE LAB		K
LIVERMORE	U000032167	NILSON ELITE PRODUCTS	2252 RAILROAD AVENUE	94550	U
LIVERMORE	S100503229	LIVERMORE CORP YARD	2500 RAILROAD AVE		K
LIVERMORE	1000252422	CALIFORNIA WATER SERV WELL #10-01	RICHEN AVE & SUNSET DRIVE	94550	CI
LIVERMORE	S100183705	LIVERMORE SEWAGE PONDS	RINCON AVENUE AT SUNSET DRIVE	94550	A
LIVERMORE	S100677274	VALLEY MEMORIAL HOSPITAL	1111 STANLEY BLVE E	94550	K
LIVERMORE	U001597354	SAN ANTONE VALLEY RANCH CORP.	STAR ROUTE BOX 53	94550	U
LIVERMORE	S100350483	CAPITOL METALS INC	TREVARNO ROAD AT 3RD STREET	94550	A
LIVERMORE	S100183711	LAWRENCE LIVERMORE LAB-MAIN ST	VASCO AND EAST ROAD (NO STREET NBR)	94550	AO
LIVERMORE	S100191587	LEONARDINI TRANSPORTATION SERVICE	2001 VICTORINE ROAD	94550	A

Database Codes:

A = Cal-Sites	F = Notify 65	L = St. Landfill (SWIS)	Q = RCRA-LQG	W = SWAT	4 = Industrial Site
B = PADS	G = RCRA-SQG	M = CHMIRS	S = TRIS	X = TSCA	5 = CA Unauth. Rel.
C = CERCLIS	I = FINDS	N = NPL	T = RCRIS-TSD	1 = AWP	7 = CA Nonfuel Leaks
D = HMIRS	J = HWIS	O = Cortese	U = UST	2 = NPL Liens	9 = Coal Gas
E = ERNS	K = LUST	P = Toxic Pits	V = RAATS	3 = Site Mitigation	



LEGEND

- B1 — SOIL SAMPLE
- SP-S1 — STOCK PILE SAMPLE
- DARK STAIN
- WET AREA

50 0 50 100

SCALE IN FEET 1"=50'

The Earth Technology Corporation

PROJECT: 943222.01

LIVERMORE CALIFORNIA

RAILROAD AVENUE AND L STREET

SITE PLAN

APRIL 1994

FIGURE 2