PHASE I

ENVIRONMENTAL SITE ASSESSMENT

for the

RUNNYMEDE SCHOOL CAMPUS
1286 Runnymede Street
East Palo Alto, California
94303

June 3, 1998

prepared for:

RAVENSWOOD CITY SCHOOL DISTRICT
2160 Euclid Avenue
East Palo Alto, California
94303

prepared by:

NORTHWEST ENVIROCON, INCORPORATED
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PHASE I ENVIRONMENTAL SITE ASSESSMENT

Client:	Ravenswood City School District 2160 Euclid Avenue East Palo Alto, CA 94303
Point of Contact:	Dr. Charlie Mae Knight
Property:	Runnymede School Campus 1286 Runnymede Street East Palo Alto, California 94303
Key Site Manager:	Mr. Leon Glaster
Title/Employer:	Director of Business Services/Ravenswood City School District
Environmental Assessor:	Dennis C. Scherzer, REA #4853
Assessor's Parcel #:	063-272-080, 063-381-190
S.I.C. Code:	8211 (Elementary and Secondary Schools)
Major Commercial Activity:	Elementary school
Project Number:	05-001416
Report Date:	June 3, 1998

Legal Description:

A copy of the legal description of the subject Property is contained in the appendix of this Report.

EXECUTIVE SUMMARY

At the time of the site inspection, the subject Property consisted of two (2) parcels of land totaling approximately 8.4 acres located at 1286 Runnymede Street in East Palo Alto, California. The site was developed with eight (8) institutional structures with a combined foundation footprint of 18,832 square feet. The buildings were steel frame and masonry block structures. The structures were surrounded by concrete sidewalks and commons areas, asphalt vehicle access and parking areas, landscaping and grassy playgrounds. At the time of the site inspection, the subject Property was located in a residential area of East Palo Alto.

It can be concluded from a review of historical information that the subject Property was structurally developed initially in 1968 with the structures observed at the time of the site inspection. The general area has increasingly been developed with residential structures since the early 1930s.

As a result of the on-site reconnaissance, records research, historical investigation, and review of federal, state, and local reported environmental information, this Assessment has revealed no obvious evidence of recognized environmental conditions that could potentially impact the subject Property with the exception of:

- Arsenic from the 1990 Bay Road (Rhone-Poulenc) property, approximately 1/4 mile northwest of the subject Property, has migrated via surface and groundwater onto the subject Property. The 1990 Bay Road site is a RCRA Corrective Action site, and Rhone-Poulenc, Incorporated (RPI) has been identified as the Responsible Party. Cleanup of the 1990 Bay Road site has been progressing under California Regional Water Quality Control Board (RWQCB) Order No. 92-022. This order was amended by Order No. 97-095 adopted by the RWQCB on July 16, 1997.

  According to a July 30, 1997 *Soil Investigation Report and Remediation Plan Ravenswood School District Property* prepared by Geomatrix Consultants, Inc. (Geomatrix) for Rhone-Poulenc, remediation would consist of removal of all soil found to be contaminated by arsenic in concentrations greater than 20 milligrams per kilogram (mg/kg) [also described as 20 parts per million (ppm)]. According to a February 27, 1998 *Remedial Action Implementation Report Ravenswood School District Property* prepared by Geomatrix, approximately 450 cubic yards of arsenic contaminated soil were removed from the subject Property. The excavations were backfilled with clean soil. The remediation work began on August 20, 1997 and was completed by September 2, 1997.

  It is believed that the arsenic was transported onto the subject Property by surface and groundwater. Soil sampling results indicate that greater concentrations of arsenic were detected at depths of over 2 feet below ground surface. One likely route of transport by water is a shallow drainage ditch that runs on a north-south course along the nearby levee separating the subject Property and neighboring properties from the adjoining San Francisco Bay tidal marsh. A second potential route is through active and/or abandoned sanitary sewer lines owned and maintained by the East Palo Alto Sanitary District. Exfiltration from a subsurface conduit would be somewhat consistent with the results of the soil sampling.

According to a November 1, 1991 *Feasibility Study Report Upland Operable Unit* prepared by Geomatrix for the 1990 Bay Road site, numerous methods of cleaning up and containing the arsenic contamination at that site had been proposed and evaluated, however none have been implemented that prevent the migration of arsenic off-site from 1990 Bay Road. Rhone-Poulenc seems to prefer a program of ongoing testing and monitoring of neighboring properties and utilities, and then performing spot cleanup operations on an as-needed basis after off-site contamination has occurred.

During the course of the site visual and physical inspection, interviews, document review, and records research, no further potential environmental risks or recognized environmental conditions indicating the presence of hazardous conditions were observed or discovered.

RECOMMENDATIONS

Due to the confirmed presence of arsenic contamination on the subject Property, and its origin off site, NWE recommends that a groundwater monitoring program be established for the subject Property. The purpose of this monitoring program would be to test for arsenic compounds migrating from the off site source(s) onto the subject Property. Additionally, groundwater should be tested for volatile organic compounds, petroleum hydrocarbons, and other metals.

The program would consist of establishing a minimum of three (3) groundwater monitoring wells on the subject Property along the northern, northeastern, and eastern boundaries. Periodic groundwater sampling would be conducted, and the samples would be analyzed by a certified analytical laboratory. The program would continue until the off site contamination sources were eliminated. The testing and sampling program would be managed by a registered geologist.

Additional soil testing is recommended to verify the findings of the Geomatrix surveys (July 30, 1997 *Soil Investigation Report and Remediation Plan Ravenswood School District Property* ; and the February 27, 1998 *Remedial Action Implementation Report Ravenswood School District Property*). If contaminated soil is discovered, then further remediation would be required at the subject Property.

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PHASE I ENVIRONMENTAL SITE ASSESSMENT OVERVIEW

Purpose:

The purpose of this Phase I Environmental Site Assessment was to investigate, review, assess, and evaluate--through historical research, document and record review, visual or physical observations, and inspection by a trained Assessor--the presence or likely existence of:

- Contamination by hazardous materials, generally recognized environmental contaminants, visible pollutants, underground contaminants, and asbestos-containing materials.
- The possibility that these materials are or may have been introduced--by internal generation, external introduction, or unknown sources--into the structure or subject Property.
- A brief overview, evaluation, and assessment of the severity of the current potential environmental risk based upon known standards or applicable regulations.

Unless specifically noted within the text of this Report, this Phase I Environmental Site Assessment does not include or address groundwater, soil, or extraneous materials contamination upon or under the surface soils, with respect to testing, coring, or sampling analysis.

Protocol:

The procedure for this Phase I Environmental Site Assessment was to perform in practical and reasonable steps--employing currently available technology, existing regulations, and generally acceptable engineering practices--an investigation to ascertain the possibility, presence, or absence of environmental releases or threatened releases as limited by the Scope of Work.

Objectives:

- To attempt to accomplish all appropriate inquiry into previous ownership and uses of the subject Property consistent with good commercial or customary practice, in an effort to minimize liability and assist ownership's positioning within the "safe harbor" section of the Federal Superfund liability in 42 U.S.C. 9601(35).
- To provide environmental information that will assist in evaluating ownership's risk of potential loss or value impairment of the security interest, due to environmental defects. To provide information for decisions and operational limitations concerning the National Pollution Contingency Plan Under CERCLA, Lender Liability Final Rule 40 CFR Part 300 XI.

While this Phase I Environmental Site Assessment cannot absolutely quantify and qualify every possible past and present environmental risk, the assessment does provide a partial information basis for reasonable decision making regarding the potential for environmental liabilities and risk, based upon the current site-specific situation, assessment limitations, and methods of evaluation.

GENERAL SITE RECONNAISSANCE OVERVIEW

Northwest Envirocon, Incorporated (NWE) was retained by the Ravenswood City School District (RCSD) to perform a limited Phase I Environmental Site Assessment of the Property located at 1286 Runnymede Street in East Palo Alto, California, (hereafter identified as subject Property). The subject Property location is shown on Plates 1 and 2 in the appendix. The subject Property was occupied by an elementary school at the time of the site inspection.

For further geographic reference, the subject Property was located approximately 400 feet east of the intersection of Pulgas Avenue and Runnymede Street as shown on the San Mateo County Assessor's Parcel Map. A copy of this map is included in the appendix.

Mr. Leon Glaster, Director of Business Services of RCSD, was identified as the "Key Site Manager". The Key Site Manager is that person having the best reliable knowledge as to the previous uses and current conditions of the subject Property, and in a position to provide reasonably accurate information for the Field Transaction Screen Questionnaire. The Field Transaction Screen Questionnaire was completed by Mr. Glaster after the time of the site inspection. A copy of the completed NWE questionnaire is included in the appendix.

The on-site inspection was conducted on May 8, 1998 by Dennis C. Scherzer, Registered Environmental Assessor, of NWE. Weather conditions for the site inspection consisted of cloudy skies with temperatures in the sixties.

Previous Environmental Assessments:

Previous environmental assessments known to exist for the subject Property include a July 30, 1997 *Soil Investigation Report and Remediation Plan, Ravenswood School District Property* prepared by Geomatrix Consultants, Inc. (Geomatrix) for Rhone-Poulenc, Incorporated (RPI) (responsible party for cleanup at the nearby 1990 Bay Road RCRA Corrective Action site) and a February 27, 1998 *Remedial Action Implementation Report, Ravenswood School District Property* also prepared by Geomatrix. These reports indicate that the subject Property has been environmentally impacted by arsenic contaminated groundwater migrating from the 1990 Bay Road site, approximately 1/4 mile northwest of the subject Property.

According to a July 30, 1997 report, Geomatrix proposed to remediate the subject Property be removing all soil found to be contaminated by arsenic in concentrations greater than 20 milligrams per kilogram (mg/kg) [also described as 20 parts per million (ppm)]. According to the February 27, 1998 Geomatrix report, approximately 450 cubic yards of arsenic contaminated soil were removed from the subject Property. The excavations were then backfilled with clean soil. The remediation work began on August 20, 1997 and was completed by September 2, 1997.

It is believed that the arsenic was transported to the subject Property by surface water and groundwater. Soil sampling results indicate that greater concentrations of arsenic were detected at depths of over 2 feet below ground surface. One likely route of transport by water is a shallow drainage ditch that runs on a north-south course along the nearby levee separating the subject Property and neighboring properties from the adjoining San Francisco Bay tidal marsh. A second potential route is through active and/or abandoned sanitary sewer lines owned and maintained by the East Palo Alto Sanitary District. Exfiltration from a subsurface conduit would be somewhat consistent with the results of the soil sampling. The offsite source responsible for this impact is discussed later in this report.

SUBJECT PROPERTY SITE DESCRIPTION

Physical Setting Source:

The subject Property's physical location was researched employing the current United States Geological Survey (USGS) 7.5 Minute Topographic Quadrangle (Quad) Map section relevant to the subject Property. The USGS 7.5 Minute Quad Map has an approximate scale of 1 inch to 2,000 feet, and shows physical features such as wetlands, water bodies, roadways, mines, and buildings.

The physical and natural features illustrated on the Quad Map served as areas of visual emphasis, when conducting the on-site inspection of the subject Property. The USGS 7.5 Minute Quad Map was used as the only Standard Physical Setting Source, and is sufficient as a single reference. A copy is included in the appendix.

The Palo Alto Quad Map (dated 1991) shows no physical features that would likely environmentally impact the subject Property. The following features are identified from this Quad Map: The structures on the subject Property are depicted and the subject Property and surrounding area are identified as urban land; San Francisco Bay is immediately east of the subject Property. A railroad siding is approximately 1,200 feet north of the subject Property. An electrical transmission substation is located approximately 1/2 mile north of the subject Property, and a transmission line runs north/south immediately parallel to the eastern boundary of the subject Property. No storage tanks, mines, wells, or wetlands are mapped in the immediate area. This Quad map shows the elevation of the site to be approximately 10 feet above mean sea level with an approximate topographic gradient to the east-southeast.

Visual Description:

At the time of the site inspection, the subject Property consisted of two (2) parcels of land totaling approximately 8.4 acres located at 1286 Runnymede Street in East Palo Alto, California. The site was developed with eight (8) institutional structures with a combined foundation footprint of 18,832 square feet. The buildings were steel frame and masonry block structures. (The scope of this report did not include interior inspection of these structures.) The structures were surrounded by concrete sidewalks and commons areas, asphalt vehicle access and parking areas, landscaping and grassy playgrounds. At the time of the site inspection, the subject Property was located in a residential area of East Palo Alto. Vehicular access to the subject Property was from Runnymede Street. At the time of the site inspection, the subject Property appeared to be in good condition.

The subject Property was bordered to the north by Runnymede Street and residences; to the east by San Francisco Bay; to the south by Garden Street and residences; and to the west by residences.

Surface Characteristics:

Approximately 25 percent of the subject Property was covered by impermeable surfaces consisting of the structures, concrete and asphalt paved parking and vehicle access areas, and concrete walkways and common areas. No pits, ponds, or lagoons were observed on the subject Property. Much of the surface area was grassy playground. No major surface staining was observed. The grass and landscape vegetation appeared to be in good condition and free of staining or chemically induced stress.

The terrain of the subject Property was flat. Surface and storm water run-off would be expected to flow from the subject Property into storm drains on the surrounding streets and into an open drainage ditch along the eastern boundary of the subject Property.

Subsurface and Hydrological Characteristics:

Regional Geology and Hydrogeology

The East Palo Alto area is on the southwestern side of the San Francisco Bay plain depression, part of a large, northwest-southeast trending trough paralleling the junction of the North American and Pacific crustal tectonic plates. This situation is bounded locally to the west by the Santa Cruz Mountains, and to the east by the Diablo Range. The subsurface features of the area are related to geologic events that shaped the nearby ridges and deposited erosional sediments in the valleys (a sequence of unconsolidated Quaternary sediments that are underlain at depth by bedrock). These sediments range from approximately 500 to 1,200 feet deep in the region of the subject Property.

The sediments of the basin consist of coalesced alluvial fan deposits that interbed and interfinger with fine-grained estuarine deposits of the San Francisco Bay. The alluvial sediments beneath the general area of the subject Property and to the east consist predominantly of gravel and sand deposits interbedded with clay, and are believed to be distal portions of the Niles Cone. The Niles Cone consists of alluvium shed westward from the Diablo Range into the lowlands presently occupied by the San Francisco Bay. It extends westward underneath the San Francisco Bay Plain and interfingers with alluvium of the San Francisquito Cone. The San Francisquito Cone, which is smaller than the Niles Cone, is composed of gravel and sand deposits shed eastward from the Santa Cruz Mountains. The alluvium from both the Niles Cone Fan and the San Francisquito Cone Fan ranges from 275 to 360 feet thick near the subject Property. It thickens towards both sources, the Diablo Range and the Santa Cruz Mountains.

The estuarine deposits that interbed and overlie the alluvial deposits consist of silt and clay with isolated sand and gravel layers. They originate from the deposition of fine-grained sediments in shallow bay environments similar to the present San Francisco Bay. These deposits are more laterally continuous than the alluvial deposits and thicken toward the center of San Francisco Bay.

The subject Property is located on the west side of the Niles subarea of the Fremont Groundwater Area, near its western boundary with the San Francisquito subarea of the Santa Clara Groundwater Area. Groundwater in the Niles subarea flows through the permeable units of the Niles Cone, which can be described as a series of flat-lying, relatively continuous sand and gravel aquifers vertically separated by extensive clay aquitards. The thickness and grain size of the aquifers decrease to the west, while the thickness of the aquitard increases.

In the general area of the subject Property, the uppermost 320 feet of the alluvium from both cones can be divided vertically into two aquifers separated by a regionally extensive, thick clay aquitard that is 80 to 140 feet thick in the area of the site. Regionally, groundwater in both the shallow and deeper alluvium flows towards the San Francisco Bay. Historically, deeper wells installed in the alluvium were artesian; however, groundwater pumping has led to land subsidence and saltwater intrusion. The area of the subject Property may have undergone as much as two feet of subsidence since 1930. Over pumping of the primary water supply aquifers was ended in the late 1950s, when water was increasingly supplied by the Hetch-Hetchy Water System. Currently, the deep aquifers are pumped for some local water supply, irrigation, and backup municipal water supply.

Sources: *Shallow Groundwater Investigation South of Weeks Street Subarea* (Geomatrix - September 2, 1997); *Draft Comprehensive RCRA Facility Investigation Report* (Einarson Fowler & Watson, and Henshaw Associates - April 28, 1998); "History, Landforms, and Vegetation of the Estuary's Tidal Marshes" in *San Francisco Bay: The Urbanized Estuary*, (American Association for the Advancement of Science, Brian Atwater, et al, 1979).

East Palo Alto is situated on alluvial soils deposited by the present and former courses of San Francisquito Creek. The subject Property and vicinity is underlain by fine-grained and coarse grained unconsolidated alluvial and shallow marine deposits to a depth of several hundred feet. This alluvium was deposited mostly within the past 10,000 years, a geological time space known as the Holocene or Quaternary period. The geological symbols for the soil types found on and/or near the subject Property have the prefix "Q" denoting quaternary deposits.

The subject Property is covered in medium-grained alluvium (Qham), fine-grained alluvium (Qhaf), and salt-affected fine-grained alluvium (Qhafs).

- Qham deposits are loose, moderately drained, moderately sorted sand forming alluvial plains and stream levees. It locally contains beds of well-sorted clay, silt, and gravel. It is intermediate in character and lateral extent between fine-grained and coarse-grained alluvium with which it interfingers, and generally overlies older alluvium. It is generally less than 21 feet thick.

- Qhaf deposits are plastic, poorly sorted carbonaceous clay and silty clay in poorly drained interfluvial basins marginal to bay marshlands. It locally contains thin beds of well-sorted silt, sand, and fine gravel. It interfingers with and grades into bay mud and medium-grained alluvium, and overlies older alluvium. It is generally less than 15 feet thick.

- Qhafs deposits are similar to Qhaf, but have a high concentration of salt. They are presently forming where basins are not drained or filled. They are exposed along margins of south San Francisco Bay from San Mateo and Hayward southward only. It interfingers with and grades into coarser grained stream deposits toward higher elevations and with finer grained salt-water marsh deposits toward lower elevations.

Source: *Flatland Deposits - Their Geology and Engineering Properties and Their Importance to Comprehensive Planning*, United States Geological Survey Professional Paper 943, 1979.

According to the *Shallow Groundwater Investigation South of Weeks Street Subarea* (Geomatrix - September 2, 1997), the uppermost 50- to 60-foot section of these deposits is referred to as the shallow groundwater zone, comprising two water-yielding formations ("upper and lower shallow groundwater zones"). The upper shallow groundwater zone underlies the 1990 Bay Road site and vicinity at depths ranging from 6 to 9 feet below ground surface. The upper shallow groundwater zone appears to be laterally continuous at the 1990 Bay Road facility and in the vicinity north of Weeks Street. Recent soil sampling indicates that the thickness of the upper shallow zone decreases and become laterally discontinuous in the vicinity of Runnymede Street.

An April 28, 1998 *Draft Comprehensive RCRA Facility Investigation Report* prepared by Einarson Fowler & Watson, and Henshaw Associates for the Romic Environmental Technologies Corporation facility located at 2081 Bay Road, approximately 2,000 feet north of the subject Property, identifies three water bearing zones in the uppermost 80 feet of the subsurface. The Romic report identifies these three shallow groundwater zones as "A", "B", and "C" zones, that are separated by silt and clay units that are "generally laterally continuous". Additionally, a thick clay unit underlies the C-zone and separates it from a fourth water-bearing zone identified as the

"D-zone". The clay unit correlates to the regional aquitard separating shallow aquifers from deeper aquifers.

Groundwater Zones as Described in the Romic Report

Groundwater Zone	Depth - bgs (Below Ground Surface)	Soil/subsurface type(s)
A-Zone	@ 3-8 feet bgs, 7-24 feet thick	Silty sand, silty gravel, clayey sand, sand lenses interbedded with dark-colored silt, clay, and organic peat.
A/B Aquitard	8-25 feet thick	Silt, clay, sandy silt, sandy clay with scattered sand and gravel lenses.
B-Zone	@ 20-35 feet bgs 3-21 feet thick	Laterally discontinuous sand, clayey sand, silty sand, gravel, and silty gravel lenses interbedded with silt, sandy silt, and sandy clay.
B/C Aquitard	9-24 feet thick	Dark silt and clay with scattered sand and gravel lenses and occasional carbonate fragments.
C-Zone	@ 49-64 feet bgs 11-25 feet thick	Sand, sand with silt, and silty sand interbedded with thin silt and clay lenses.
Regional Aquitard	70 + feet thick	Clay with occasional thin sandy or gravelly intervals.
D-Zone	@ 161 feet bgs	Sand, gravel, and clayey sand interbedded with clay and gravelly clay.

Groundwater flow in both the shallow and deep groundwater zones is towards San Francisco Bay. The shallow (A/B Zones) flow to the east and northeast at the Romic site, and in the area of 1990 Bay Road and the subject Property, groundwater flows trend to the southeast, towards San Francisquito Creek. Apparently, there is a subtle groundwater flow divide in the area of Bay Road, possibly related to the topography of the deposition of alluvium in the area. According to the 1979 Brian Atwater article, "History, Landforms, and Vegetation of the Estuary's Tidal Marshes" published by the American Association for the Advancement of Science in *San Francisco Bay: The Urbanized Estuary*, sloughs near the Palo Alto Baylands, surveyed in 1857, show a relationship between tidal-marsh channels and active and abandoned mouths of San Francisquito Creek, an ephemeral fresh-water stream.

The soil underlying the subject Property can be characterized as:

> Botella -Urban land complex - very deep, well drained soils located on stream terraces, alluvial fans, and old flood plains. It formed in alluvium derived from various kinds of rock. This unit is 45 per cent Botella clay loam and 30 per cent Urban land. Typically the surface layer is dark grayish brown clay loam approximately 6 inches thick. The upper 11 inches of the subsoil is dark grayish

brown clay loam, and the lower part to a depth of approximately 60 inches or more is brown clay loam. Urban land consists of areas covered by asphalt, concrete, buildings, and other structures. The material covered by these structures consists of soils that are similar to Botella soil. Included in this unit are small areas of Orthents, cut and fill, and some soils that are loam or gravelly loam. Permeability is moderately slow, and runoff is slow.

Source: *Soil Survey of San Mateo County, Eastern Part, and San Francisco County, California*, United States Department of Agriculture Soil Conservation Service, 1991.

Additionally, according to the September 2, 1997 *Shallow Groundwater Investigation South of Weeks Street Subarea* report prepared by Geomatrix, the subsurface soil along a profile extending east-west approximately 50 feet north of the subject Property indicates that the subsurface soil is comprised of lean clay, lean clay with sand, and sandy lean clay to a depth of approximately 27 feet below ground surface.

According to a July 14, 1997 *Annual Groundwater Monitoring Report July 1996 - June 1997* prepared by Geomatrix for Rhone-Poulenc, the depth to groundwater in the nearest groundwater monitoring well (approximately 800 feet north of the subject Property) is approximately 5-7 feet below ground surface. The general groundwater flow trend (hydraulic gradient) is to the east-southeast, towards San Francisco Bay.

HISTORICAL USAGE STANDARD INFORMATION SOURCES

Standard Historical Sources are categorized as either Fifty-Year Complete or Developmental Complete. A Standard Historical Source is considered Fifty-Year Complete if the information contained within the source provides the required information for the previous 50 years in either five year intervals or site milestone events. A Standard Historical Source is considered Developmental Complete if the information contained within the source provides information from the point that the Property was initially developed (other than agricultural use) continuously to the present in either five year intervals or site milestone events.

Historical Site Milestones are typically: construction activities that involve structure construction, renovation, or remodeling at any location within the subject Property; major changes in the topography or grade of the site; installation or construction of roads, utilities, water or sewer systems; installation, removal, or modification of permanent equipment; or installation, removal, or modification of above or below ground tanks.

It can be concluded from a review of historical information that the subject Property was structurally developed initially in 1968 with the structures observed at the time of the site inspection. The general area has increasingly been developed with residences since the early 1930s.

Fifty-Year Complete Standard Historical Source:

Aerial photographs were reviewed to determine information on past land use patterns of the subject Property. These photographs are used to gain information through and back to 1939 to satisfy the Fifty-Year Complete Standard Historical Search. These photographs were reviewed at the East Palo Alto Sanitary District offices in East Palo Alto, University of California Berkeley Map Room, and at the United States Geological Survey (USGS) McKelvey Library in Menlo Park, California. From this search, the following information was gathered:

1939: The subject Property is vacant and undeveloped. The western neighboring property appears to be agriculturally developed. The northern and southern neighboring properties are vacant and undeveloped. Pulgas Avenue and Runnymede Street appear in a configuration similar to that observed at the time of the site inspection. A railroad siding is located approximately 1,200 feet north of the subject Property. Small industrial buildings (1990 Bay Road) are located near the eastern terminus of the siding. Four (4) rail tank cars are visible on the siding. Several barn-like structures are located on Bay Road approximately 2,000 feet north of the subject Property.

1948: The subject Property and surrounding properties appear similar to the 1939 aerial photograph. Two (2) rail tank cars are visible on the siding serving 1990 Bay Road. Additionally, two (2) tall aboveground storage tanks are visible on the 1990 Bay Road site.

1956: The subject Property and surrounding properties appear similar to the 1948 aerial photograph. The 1175 and 1200 Weeks Street properties are developed with several structures that appear to be greenhouses.

1960: The subject Property and surrounding properties appear similar to the 1956 aerial photograph. A round, water-filled excavation is located on the northern portion of the 1990 Bay Road site. Drums and other debris are located next to this pond.

1961: The western portion of the subject Property is partially developed with greenhouses. Two (2) rail tank cars are visible on the siding serving 1990 Bay Road. Transport trailers, organized outdoor 55-gallon drum storage, and a drum dump are visible on the Cal-Mac property, immediately south of the 1990 Bay Road site, approximately 1,000 feet north of the subject Property. Additional industrial structures are located along the siding at Pulgas Avenue.

1963: The subject Property and surrounding properties appear similar to the 1961 aerial photograph. Unidentified material (not fill dirt) is located along the levy, approximately 800 feet north of the subject Property (Cal-Mac property). The industrial site at the railroad siding north of the subject Property has been expanded northward towards Bay Road. One (1) rail tank car is visible on the siding.

1968: The subject Property is developed with the permanent structures observed at the time of the site inspection. A significant amount of unknown material has been dumped on the Cal-Mac site. The remainder of the general area appears similar to the 1963 aerial photograph.

1972: The subject Property and surrounding properties appear similar to the 1968 aerial photograph. Increased drum storage is visible on the Cal-Mac site. The pond at the 1990 Bay Road site has been backfilled and graded, and truck trailers are parked there.

1974: The subject Property and surrounding properties appear similar to the 1972 aerial photograph. The 1990 Bay Road site has numerous trailers parked on site, and an outdoor storage area that appears to contain several hundred 55-gallon drums. Numerous wrecking yards are visible along Bay Road. A storm drain pumping station is located on the levee at the eastern end of Runnymede Street approximately 100 feet northeast of the subject Property. The neighboring properties and the remainder of the general area appear similar to the 1972 aerial photograph.

1981: The subject Property and the neighboring properties appear similar to the 1974 aerial photograph. The greenhouse structure has been removed from the 1175 Weeks Street property.

1985: The subject Property and the neighboring properties appear similar to the 1981 aerial photograph.

1989: The subject Property and the neighboring properties appear similar to the 1985 aerial photograph. Two aboveground storage tanks and numerous 55-gallon steel drums are visible on the 1990 Bay Road site. Several trucks and trailers are parked on a vacant and undeveloped portion of the 1990 Bay Road site along the Bay Road frontage. Other trucks and trailers are parked near the levy on the Cal-Mac property.

1994: The subject Property and the neighboring properties appear similar to the 1989 aerial photograph.

Developmental Complete Standard Historical Source:

In an attempt to determine the prior uses of the subject Property, the NWE Assessor reviewed information obtained from the City of East Palo Alto Building Permits Office. No building permits for the subject Property address were located as a result of this search. No underground storage tank permits were located as a result of the permit search.

Fire Insurance Maps:

NWE attempted to obtain Sanborn Maps for the general area of the subject Property from Environmental Risk Information & Imaging Services (ERIIS). Sanborn Maps are detailed drawings which show the location and use of structures on a given property during a specific year. These maps were originally utilized by insurance companies to assess fire risk, but are now utilized as a valuable source of historical and environmental risk information. No Sanborn maps were located as a result of this search.

City Directories:

The Polk city directories and the Haines "Criss Cross" directories located at the Palo Alto Main Library were reviewed to determine further information on the use and/or ownership of the subject Property. Standard NWE protocol is to review directories ranging back 50 years. This search was extended to try and determine when industrial chemical manufacturing facilities were established at or near the 1990 Bay Road site. The available Polk Directories covered the years 1936 through 1978 with the exception of 1943, 1945, 1947, 1949, and 1964. The Haines Directories covered the years 1979 through 1997.

Address	Date	Business
1286 Runnymede Street (subject Property)	1936-1967 1968-1997	No listing Runnymede Elementary School
1205 Garden Street (southern adjoining property)	1936-1953 1953-1958 1953-1957 1958-1997	No listing Henry Butcher general contractor Butcher's Pheasant Farm Residence
1195 Garden Street (southwestern adjoining property)	1936-1957 1957-1962	No listing Dougherty Electrical Contractors
1194 Runnymede Street (western adjoining property)	1936-1956 1956-1960	No listing Barnachea plant nursery
1191 Runnymede Street (northwestern adjoining property)	1936-1953 1953-1960	No listing Plant nursery

Neighboring Properties

Address	Date	Business
1151 Runnymede Street (western neighboring property)	1936-1953 1953-1959	No listing Poultry farm
1065 Runnymede Street	1936-1953 1953-1960 1960-1997	No listing Ed's Fryer Farm Residence
1061 Runnymede Street (formerly 655 Runnymede Street)	1936-1938 1938-1950 1950-1997	No listing H. B. Taylor dairy Residence
1015 Runnymede Street (formerly 647 Runnymede Street)	1936-1938 1938-1953 1953 1954-1997	No listing Durant Insulated Pipe Co. Vacant No listing

Ravenswood Industrial Area

Address	Date	Business
2340 Clarke Avenue @ Weeks (formerly 694 Clarke Avenue)	1935-1937 1937-1941 1941-1997	No listing Lewis Wheet gas station Residence
2450 Pulgas Avenue	1936-1955 1955-1997	No listing Borrmann Steel Co.

1990 Bay Road (listed as "end of Bay Road" until 1955)	1936-1940	No listing
	1940-1970	Chipman Chemical Co. (insecticides)
	1970-1978	Rhodia, Inc.
	1979-1983	Vacant
	1983-1984	Corey Construction
	1984-1986	Vacant
	1986-1988	Zoecon, Inc.
	1988-1995	Sandoz Crop Protection
	1995-1997	Catalytica, Inc.
1905 Bay Road	1936-1964	No listing
	1964-1994	Electrite Plating
	1994-1997	Vacant
1995 Bay Road	1936-1954	No listing
	1954-1964	Electrite Plating
2000 Bay Road	1936-1957	No listing
	1957-1997	PG&E
2077 Bay Road	1936-1959	No listing
	1959-1965	Pro Chem Products
	1965-1992	Various auto wreckers
	1992-1997	Vacant
2081 Bay Road	1936-1957	No listing
	1957-1959	Hird Chemical Refining Co.
	1959-1970	Carad Chemical Corp. mfrs.
	1970-1995	Romic Chemical Corp.
	1981-1993	California Solvent Recycling
	1989-1992	Alternative Fuel Technologies
	1987-1997	Antifreeze Environmental, Inc.
	1989-1992	NRG Technologies
	1995-1997	Romic Environmental Technologies
End of Bay Road (2200 Bay Road)	1936-1957	No listing
	1957-1961	Public Dump
	1961-1997	Palo Alto Boat Works

Recorded Land Title Records:

Recorded land titles are records usually maintained by the municipal clerk or county recorder of deeds which detail ownership fees, leases, land contracts, easements, liens, deficiencies, and other encumbrances attached to or recorded against the subject Property in the local jurisdiction having control for or reporting responsibility to the subject Property. Due to State land trust regulations and laws, land title records will often only provide trust names, bank trust numbers, owner's names, or easement holders, and not information concerning previous uses or occupants of the subject Property. Additionally, environmental liens recorded against the subject Property are considered outside the scope of recorded land title records.

For these reasons, this Environmental Site Assessment has relied upon other standard historical information sources assumed to be either more accurate or informative than recorded land titles.

CURRENT USAGE INFORMATION SOURCES - LOCAL AND STATE

Emergency Release Reports/SARA 304:

A file review request was made to the Menlo Park Fire Protection District (MPFPD) on May 1, 1998 in order to identify previously reported spills or releases of hazardous materials, as required by the ERNS Reporting System and SARA Title 304. No records of reported spills or releases of hazardous materials were discovered as a result of this request.

The NWE Assessor also reviewed information provided by Environmental Risk Information and Imaging services (ERIIS) regarding the records of hazardous materials spills or releases reported at the subject Property address, as required by the ERNS Reporting System and SARA Title 304. This review identified no reported releases at the subject Property.

Local/State Waste Disposal Compliance:

Inspection of waste disposal practices at the subject Property revealed no obviously suspicious waste storage. Additionally, no suspect containers that might be used for storage or disposal of hazardous wastes were observed at the time of the site inspection.

VISUAL AND PHYSICAL OBSERVATIONS AND INFORMATION: STRUCTURE AND BUSINESS OPERATIONS

Structure Construction:

At the time of the site inspection, the subject Property was developed with eight (8) institutional structures with footprints totaling approximately 18,832 square feet. The buildings were steel frame and masonry block structures with slab on grade foundations. (Interior inspection of these structures was not included in the scope of this report.) The structures were surrounded by concrete sidewalks and commons areas, asphalt vehicle access and parking areas, landscaping and grassy playgrounds. At the time of the site inspection, the subject Property was located in a residential area of East Palo Alto.

Business Operations Description:

The subject Property has been in continuous use as an elementary school for approximately 30 years. Research and interviews indicate that there have been no dry cleaners, gasoline service stations, or manufacturing on the subject Property.

MATERIAL, PRODUCT, AND WASTESTREAM HANDLING AND PROCESSING

Materials/Products Handling and Storage:

At the time of the site inspection, no hazardous materials were observed on the exterior portions of the subject Property. Interior inspection of the site was not included in the scope of this report.

Waste Stream Processing and Disposal:

At the time of the site inspection, no improper wastestream processing and/or disposal practices were observed on exterior portions of the subject Property. Additionally, no suspect containers that might be used for storage or disposal of hazardous wastes were observed at the time of the site inspection. Interior inspection of the site was not included in the scope of this report.

Potable Water Supply and Sewer Service:

The subject Property utilized municipal water provided by the City of East Palo Alto/San Mateo County Waterworks, and sewer services provided by the East Palo Alto Sanitary District (EPASD). During the course of the site inspection, no evidence of abandoned water supply wells or septic systems was observed.

Storage Tanks:

No physical evidence of potentially existing underground storage tanks (USTs) was discovered during the on-site investigation. In particular, the Assessor searched for: fill pipes, vent pipes, areas of abnormal or heavy staining, manways, manholes, access covers, concrete pads not homogeneous with surrounding surfaces, concrete build-up areas potentially indicating pump islands, abandoned pumping equipment, or fuel pumps.

Interior inspection of the site was not included in the scope of this report. NWE assumes that no interior heating fuel storage tanks were present on the site because the buildings on the subject Property are heated by natural gas.

Waste Dumpsters:

One dumpster was observed on the subject Property at the time of the site inspection. This was a three cubic yard wheeled metal dumpster with metal lids. This dumpster was owned and maintained by Browning-Ferris Industries (BFI) and was serviced once per week. Interior inspection was performed on this dumpster to search for evidence of improper disposal of hazardous materials, however none was discovered. The dumpster appeared to be in good condition with no evidence of damage or staining at the time of the site inspection.

Waste Water and Storm Water Discharges:

All point source discharges regulated by the Clean Water Act (CWA) are subject to the applicable water quality-based standards as established in the National Pollutant Discharge Elimination System (NPDES) codification 40 CFR Subpart D 131.36. Additionally, CWA Sections 402 (p)(1) and (p)(2) have created categories of storm water discharges within Permit Issuance and Permit Compliance Deadlines for Phase I Storm Water Discharges effective October 1, 1993, that may also be applicable to the subject Property (as detailed in the Federal Register, Volume 57, Number 244). Depending upon the outcome of EPA-initiated notice and comment revisions actions for further rule making clarification, the subject Property may be required to submit a NPDES initial storm water discharge permit under 40 CFR 122.26 or 40 CFR Chapter I - Preamble Appendix A.

No information was discovered as to whether the subject Property had ever been required to file or maintain an environmental permit, or whether the Owner had been contacted by Federal or State agencies concerning the possibility that NPDES testing or permitting might be required in the future. Based upon on-site visual and physical inspection it appeared that no requirements for NPDES permitting applied to the subject Property.

VISUAL AND PHYSICAL OBSERVATIONS AND INFORMATION: ADJOINING AND ADJACENT PROPERTIES

For the Scope of this Assessment, properties are defined and categorized based upon their physical proximity to the subject Property. An adjoining property is any real property whose border is contiguous or partially contiguous with the subject Property, or that would be if the properties were not separated by a roadway, street, public thoroughfare, river, or stream. An adjacent property is any real property located within 0.25 miles of the subject Property's border.

Adjoining and Adjacent Properties - General Description:

At the time of the site inspection, the general area surrounding the subject Property was primarily occupied by commercial structures. The subject Property is bordered by the following:

North: immediately by Runnymede Street, and then by residences.

South: immediately by Garden Street, and then by residences.

East: immediately by a flood control levee, and then by San Francisco Bay.

West: immediately by residences, and then by additional residences.

Adjoining and Adjacent Properties Materials Storage:

No unusual or suspicious materials handling or storage practices were observed on the publicly accessible portions of the adjoining and adjacent properties.

Adjoining and Adjacent Properties Wastestream Disposal:

No unusual or suspicious wastestream disposal activities were observed on the publicly accessible portions of the adjoining and adjacent properties during the site inspection.

POTENTIAL ON-SITE CONTAMINATION SOURCES

PCB-Containing Exterior Electrical Transformers:

One pad-mounted transformer was observed on the northeastern portion of the subject Property at the time of the site inspection. This transformer was owned and maintained by Pacific Gas & Electric Company (PG&E) and appeared free of damage or staining at the time of the site inspection.

Railroad Right-of-Way:

No railroad right-of-ways, spurs, or track-related equipment were located on the subject Property at the time of the site inspection.

Storage Tanks:

No physical evidence of potentially existing underground storage tanks (USTs) was discovered during the on-site investigation. In particular, the Assessor searched for: fill pipes, vent pipes, areas of abnormal or heavy staining, manways, manholes, access covers, concrete pads not homogeneous with surrounding surfaces, concrete build-up areas potentially indicating pump islands, abandoned pumping equipment, or fuel pumps.

POTENTIAL OFF-SITE CONTAMINATION - SOURCES AND RECEPTORS

Potential Adjoining and Adjacent Property Contamination Sources:

After inspection of the publicly observable portions of the adjoining and adjacent properties, and a review of the federal, state, and local environmental databases, it is unlikely that the adjoining or adjacent properties have environmentally impacted the subject Property with the exception of the 1990 Bay Road (Rhone-Poulenc) site. This site is currently under cleanup orders from the California Regional Water Quality Control Board (RWQCB).

Rhone-Poulenc 1990 Bay Road Site

The "Site" is defined to include areas affected by releases from the manufacturing facility at 1990 Bay Road containing arsenic concentrations in soil greater than 20 milligrams per kilogram (mg/kg). The total Site area lying within the 20 mg/kg contour covers approximately 20 acres. For purposes of remedy selection and remedial planning, the Site was divided into "Upland" and "Wetland" "Operable Units" (UO) within the meaning of section 300.430 (a)(ii) of the National Contingency Plan (NCP), 40 C.F.R. Part 300.

The RWQCB amended the boundary of the Upland OU in 1994 to include the Torres and Pacific Gas & Electric (PG&E) properties. This portion is referred to as the Upland OU Annex. CAO 97-095 expanded the Upland OU to include affected properties south of Weeks Street, with the exception of the drainage channel owned by the City of Palo Alto which flows from the south end of Runnymede Street. These recently included properties comprise the South of Weeks Street Upland Operable Unit Annex Subarea (SOW Subarea). The affected area in the drainage channel, owned by the City of Palo Alto, will be included as part of the Wetland OU of the Site.

Based on the results of the investigations south of Weeks Street, it appears that the nature and extent of soil pollution is very similar to that within the Upland OU and Annex areas. The RWQCB considered it appropriate to apply the types of remedial technologies and techniques required for the Upland OU to the South of Weeks Street properties. The RWQCB considers this remedy to be implementable and protective of both human health and the environment. The RWQCB intends to initiate actions that will allow for remediation of the South of Weeks Street properties as soon as possible.

The RWQCB states in 97-095 that the designation of "SOW Subarea" includes all properties contaminated with arsenic originating from 1990 Bay Road at concentrations greater than or equal to 20 mg/kg in soil located to the south of Weeks Street, with the exception of the drainage channel owned by the City of Palo Alto which flows south from the end of Runnymede Street. These properties are currently identified as 1275 Runnymede Street, parcel 063-271-040 of the 1200 Weeks Street properties (Redwood Mortgage Company property), and the drainage ditch on the Runnymede School property.

Deed restrictions as proposed for properties in the SOW Subarea where soil containing arsenic concentrations greater than 20 mg/kg remain. The deed restrictions will be similar to those on Superfund sites under RWQCB lead, and in most cases (with the exception of 1275 Runnymede Street), will restrict all residential uses, use of shallow groundwater, and soil disturbance through excavation. Residential uses will be permitted to remain at 1275 Runnymede Street until structures are razed, if appropriate measures are implemented to mitigate risk. Additional studies will be conducted to determine which properties will require deed restrictions.

1990 Bay Road/SOW Subarea Groundwater Investigations

Two recent reports have been prepared by Geomatrix regarding hydrogeology and groundwater impacts associated with the 1990 Bay Road site (*Shallow Groundwater Investigation South of Weeks Street Subarea*, Geomatrix - September 2, 1997, and *Perimeter Groundwater Monitoring System - Proposed Modifications* , Geomatrix - November 14, 1997). The following information is derived from these reports:

The shallow groundwater investigation was initiated as a result of RWQCB Order No. 97-095 for the 1990 Bay Road site, as stipulated in Provision C.1.j. of the amended Site Cleanup Requirements. Shallow groundwater sampling was conducted by Geomatrix on behalf of RPI between October 1996 and June 1997 in the vicinity of Weeks and Runnymede Streets in East Palo Alto. Specific areas included as part of this sampling program were the Redwood Mortgage Investors property (1200 Weeks Street), 1275 Runnymede Street, the Palo Alto tidal marsh along the east end of Runnymede Street and Weeks Street, and the East Palo Alto Sanitary District (EPASD) trunk line.

Groundwater samples have been collected at the 1990 Bay Road Site since 1980 in order to determine the extent of groundwater containing elevated levels of arsenic. A network of groundwater monitoring wells was established around the site, and is currently monitored annually. The area affected by arsenic contaminated groundwater was calculated to be approximately 11 acres.

Groundwater samples were collected south of this monitoring well network in the area between Weeks Street and Runnymede Street in October 1996. This investigation produced groundwater samples exceeding the maximum contaminant level (MCL) for arsenic [50 micrograms per liter (ug/L)]. These findings resulted in additional groundwater sampling to identify the extent of impacted groundwater in the vicinity of Weeks Street and Runnymede Street. This information was also necessary to facilitate the expansion of the perimeter groundwater monitoring network, and to provide additional information to evaluate cleanup options.

Dissolved arsenic has been found to be the main contaminant in shallow groundwater at the 1990 Bay Road site. Approximately 11 acres of the upper shallow zone has dissolved arsenic concentrations up to 300 ug/L. Natural background arsenic concentrations have been estimated to be less than 5 ug/L in groundwater west of the levee and less than 20 ug/L in groundwater beneath the tidal marsh.

A perimeter groundwater monitoring system has been established at the 1990 Bay Road Site consisting of monitoring wells placed within 100 feet of the estimated 50 ug/L contour for arsenic in groundwater. According to the Geomatrix - September 2, 1997 report, "the results of sampling of the perimeter monitoring wells have indicated that no significant migration of arsenic in groundwater has been observed since groundwater monitoring was started in 1986."

Three sampling programs were initiated and they comprise the basis for Geomatrix's September 2, 1997 report:

- October and December 1996 - Grab groundwater samples collected along the East Palo Alto Sanitary District (EPASD) trunk sewer line (5 locations).

- February 1997 - Grab groundwater samples collected on the Redwood Mortgage Investors property (7 monitoring locations).

- June 1997 - Discrete groundwater samples collected in the vicinity of Weeks and Runnymede Streets (26 monitoring locations).

Groundwater samples were collected along the EPASD trunk line running south of the 1990 Bay Road site. Groundwater samples were collected by hand augering over the top of the sewer pipeline until sand backfill was encountered. A pipe was placed in the borehole, and groundwater samples were pumped out by hand and sent to a laboratory for analysis.

A reconnaissance groundwater sampling program was conducted at the Redwood Mortgage Investors property in February 1997. Groundwater samples were collected by methods similar to those used near the EPASD trunk line.

The shallow groundwater sampling program performed between June 10 and 17, 1997 was conducted in order to define the extent of arsenic contamination in groundwater south of Weeks Street, and to place additional perimeter groundwater monitoring wells. This groundwater sampling investigation consisted of collecting 25 discrete groundwater samples along 5 transects between Weeks Street and Runnymede Street and at one location along the backfill of the storm drain line on Runnymede Street. Samples were collected at the Redwood Mortgage Investors property, the 1275 Runnymede Street property, the Palo Alto tidal marsh, and at the east end of Weeks Street and Runnymede Street.

Arsenic concentrations were detected above the Maximum Concentration Limit (MCL) of 50 ug/L in four samples ranging from 230 ug/L to 12,000 ug/L. The higher concentrations were detected in groundwater collected immediately adjacent or in close proximity to the sanitary sewer backfill. According to the Geomatrix - September 2, 1997 report, "Arsenic concentrations west of the sanitary sewer appear to decrease rapidly with distance from the sanitary sewer backfill." Geomatrix contends that the grab samples had the potential of being cross-contaminated from the shallow contaminated soils.

Arsenic was not detected above 10 ug/L at the three sample locations along the transect through 1275 Runnymede Street. Arsenic was detected at 50 ug/L in the storm drain backfill at the eastern end of Runnymede Street, but was not detected at the eastern end of Weeks Street.

Grab groundwater samples collected in the backfill of the EPASD trunk line had elevated concentrations of arsenic ranging from 4370 ug/L near Weeks Street to 13 ug/L at the end of Runnymede Street and 15 ug/L at the end of Beech Street.

The Geomatrix - September 2, 1997 report concluded that the groundwater contamination in and around the 1990 Bay Road Site extends further than the 11 acres originally estimated. Their investigation demonstrated that groundwater contamination also occurred in a narrow band that averages approximately 40 feet in width and extends southward along the west side of the levee to Runnymede Street. Arsenic concentrations that were detected in EPASD sanitary sewer trunk line backfill ranged from approximately 3,000 to 8,700 ug/L. Geomatrix speculates that the groundwater contamination is probably the result of infiltration of contaminated surface waters, which ponded in the low area along the western side of the levee, and seeped into the backfill of the existing EPASD trunk line. The report also suggests that the infiltration entered an abandoned sanitary sewer line in the same area, and into the backfill of a 72-inch diameter storm

sewer at the eastern end of Runnymede Street.

Horizontal migration of dissolved arsenic in the shallow groundwater zone away from the backfill has been limited, and no significant migration of dissolved arsenic has occurred from the backfill of the sanitary sewer toward the tidal marsh and tidal slough on the east side of the levee. Additionally, Geomatrix contends that no significant migration of dissolved arsenic has occurred from the backfill of the EPASD trunk line towards the west. There is no obvious trend or pattern in the arsenic concentrations in the upper shallow groundwater zone in the tidal marsh, suggesting that there is not a continuous plume of arsenic-contaminated groundwater emanating from the EPASD trunk line and extending eastward beneath the tidal marsh.

Geomatrix proposed a monitoring well for the 72-inch diameter storm sewer backfill approximately 140 west of the levee, and a monitoring well for the EPASD trunk line backfill approximately 250 feet south of Runnymede Street, immediately east of the subject Property. Two additional monitoring wells are proposed on the Redwood Mortgage property where soil arsenic contamination has been detected at its deepest extent in the SOW Subarea. The wells were proposed for completion by March 1, 1998.

1990 Bay Road - Residential Soil Cleanup Standard for SOW Subarea

The current and proposed zoning and uses for most of the SOW Subarea are either residential or institutional. Runnymede School is located partially within the SOW Subarea. Properties located south and west of the SOW Subarea are residential. Due to the presence of Runnymede School and surrounding residences, the RWQCB determined that a residential cleanup standard was most appropriate for the SOW Subarea properties.

The appropriate residential health-based goal (HBG) for the SOW Subarea is 20 mg/kg arsenic in soil. According to the RWQCB, this HBG is based on an evaluation conducted in 1991 and documented in an August 27, 1997 *Derivation of Health-Based Goals for Arsenic in Soil*, technical memorandum prepared for the USEPA by PRC Environmental Management, Inc (PRC). This technical memorandum calculated HBGs for several scenarios, including a commercial/industrial scenario, and a future on-site residential scenario.

The HBGs in the 1991 memorandum were based on the residential scenario. The most protective HBGs ranged from 20 mg/kg to 70 mg/kg depending on exposure pathways. The original HBG for the 1990 Bay Road site was 70 mg/kg based on potential cancer effects, and it used a residential scenario that included exposure pathways for ingestion of soil and inhalation of fugitive dust. Initially, this HBG (70 mg/kg) was selected because the area of known arsenic impact was within industrial-zoned properties and the likelihood of residential use was small.

In 1995 the extent of arsenic releases from the 1990 Bay Road Site were found to include areas of residentially-zoned and developed properties south of Weeks Street. This prompted the RWQCB to apply the more protective HBG of 20 mg/kg for the properties included in 97-095. 97-095 modified the residential cleanup standard from 70 mg/kg arsenic in soil to 20 mg/kg for the SOW Subarea. The 20 mg/kg HBG is based on residential exposure pathways that include ingestion of soil, inhalation of fugitive dust, and consumption of homegrown produce, and is based on potential cancer effects.

1990 Bay Road - Regulatory History

RPI is the successor in interest of Chipman Chemical and Rhodia, Incorporated, which from 1926 to 1971 were known to have produced arsenic-based pesticides at the 1990 Bay Road facility. It is the probable source of some of the pollutants found in soil and groundwater, both at 1990 Bay Road, and on adjacent properties. RPI is a discharger because it is the successor in interest of Chipman and Rhodia and is responsible for any discharges which they may have caused.

The United States Environmental Protection Agency (USEPA) proposed the site for inclusion on the National Priority List (NPL) in 1985 under the 1980 Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). The CERCLA NPL is also known as the "Superfund" list. CERCLA was later amended by the Superfund Amendments and Reauthorization Act (SARA) in October, 1986.

The California Department of Toxic Substances Control (DTSC) was the lead regulatory agency governing the site, under a Consent Order, from 1987-1991. The site was formally removed from consideration for the NPL by the USEPA under the Resource Conservation and Recovery Act's (RCRA) deferral policy in 1989.

The California Regional Water Quality Control Board (RWQCB), San Francisco Bay Region, became the lead agency in 1991. Currently, the RWQCB is administering site activities under Cleanup & Abatement Order (CAO) 97-095, issued March 26, 1997.

Chronology of RWQCB actions regarding the 1990 Bay Road site:

- Cleanup & Abatement Order (CAO) 82-001
  Adopted April 15, 1982.
  Required investigation and abatement of the vertical and lateral extent of soil, surface, and groundwater pollution.

- CAO 82-002
  Adopted April 21, 1982.
  Allowed additional time for completion of tasks designated under 82-001.

- CAO 82-005
  Adopted October 13, 1982.
  Allowed additional time for completion of tasks designated under 82-001.

- CAO 82-012
  Adopted December 20, 1982.
  Allowed additional time for completion of tasks designated under 82-001.

- Waste Discharge Requirement Order 85-67
  Adopted May 15, 1985.
  Rescinded 82-001, 82-002, 82-005, and 82-012.
  Required discharger to conduct further site characterization, construct monitoring well systems in the shallow and deep aquifers, and submit results of groundwater sample analyses.

- Administrative Civil Liability Complaint 87-001

- Site Cleanup Requirements Order (SCRO) 91-016
  Adopted February 20, 1991.
  Rescinded and replaced Order No. 85-67 to reflect change in lead agency, to include tasks necessary to complete the Feasibility Study/Remedial Action Plan (FS/RAP) process, to update groundwater monitoring, and to ensure design of an adequate groundwater mitigation response for final site cleanup.

- SCRO 91-095
  Adopted June 19, 1991.
  Amended Order No. 91-016 to add provisions for implementing an Early Action Removal Plan (EARP).

- SCRO 92-022
  Adopted February 22, 1992.
  Contained the Remedial Action Plan for the Upland Operable Unit.

- SCRO 92-127
  Adopted October 21, 1992.
  Amended Order Nos. 92-022, 91-095, and 91-016, to revise and consolidate tasks and due dates.

- SCRO 94-042
  Adopted March 16, 1994.
  Amended Order Nos. 92-127, 92-022, 91-095 and 91-016, extending the Upland Operable Unit remedy into the Upland Operable Unit Annex area.

- SCRO 96-162
  Adopted December 18, 1996.
  Amended Order Nos. 94-042, 92-127, 92-022, 91-095, and 91-016, removing Sandoz Crop Protection Corporation from Site Cleanup Requirements.

- CAO 97-095
  Issued March 26, 1997.
  Names Torres as a discharger and sets forth a time schedule for remedial action on the Torres (formerly Cal-Mac) property.

- Amended Complaint 97-127 for Administrative Civil Liability
  Issued April 30, 1998.
  Ammends Complaint 97-127, and issues a Tentative Order setting administrative civil liability for the 1990 Bay Road site. Incorporates the additional time elapsed since issuance of Complaint 97-127 for continued non-compliance with Order 97-095.

Upland OU Remedial Action Plan/Record of Decision

A Remedial Action Plan (RAP) was adopted by the RWQCB and the USEPA issued a Record of Decision (ROD) in 1992 for the Upland OU. The selected remedy, in 1992, for the Upland OU consisted of the following measures:

- Remove accessible soils containing concentrations greater than 5,000 mg/kg arsenic from accessible areas on the Sandoz (1990 Bay Road) property. (This work was completed under RWQCB Order No. 91-095). Excavated soil was disposed of off site at a Class I facility in accordance with state and federal land disposal regulations. Inaccessible soil currently located under the areas required for support of facility operations will be removed when the facility ceases operation and the structures are razed.

- Treat soils containing concentrations of 500 mg/kg or greater of arsenic by means of fixation technology, in order to reduce the mobility of contaminants. The treatability goal is 5 mg/l (milligrams per liter) of arsenic, 1 mg/l cadmium, 5 mg/l lead, .02 mg/l mercury, and 1 mg/l selenium as measured by the Toxicity Characteristic Leaching Procedure (TCLP)*. This work has been completed for the Upland OU and Annex areas.

- Record deed restrictions for properties where soil with greater than 70 mg/kg is left in place, in conformance with Health & Safety Code Chapter 6.5 Article 11, § 25220-41, as modified by the RWQCB in consultation with the California Department of Toxic Substance Control.

- Remove soil containing arsenic concentrations above health-based criteria (70 mg/kg) from any properties which will not be deed restricted, and dispose at an appropriate facility in accordance with state and federal land disposal regulations. This work has been completed for the Upland OU as originally established.

- Pave all areas that contain surface soil for which data measures arsenic concentrations greater than 70 mg/kg, after grading to control ponding and maintain surface water drainage to the southeast. This work has been completed for the Upland OU, as originally established.

- Monitor arsenic concentrations in shallow and deep aquifers as provided by the Approved Deep Aquifer Monitoring Plan (DAMP). This work is ongoing.

- Install additional monitoring wells and continue the groundwater monitoring program for the Site, as set forth in the DAMP, the revised Sampling and Analysis Plan (SAP), and the Aquifer Characterization and Contingency Plan (ACCP). After the implementation of the Final Study (FS)/RAP for the Wetland OU, install a slurry wall to prevent outward migration of arsenic concentrations exceeding 0.05 mg/l in shallow groundwater zone. Pursuant to Order 92-022, the date for the slurry wall implementation shall be specified in the Wetland FS.

- Intermittently dewater within the slurry wall as necessary to maintain an inward hydraulic gradient, treat extracted groundwater as necessary; and discharge treated water to storm drain under an National Pollutant Discharge Elimination System (NPDES) permit. Pursuant to Order 92-022, the date for the slurry wall dewatering, and treatment and discharge of extracted groundwater shall be specified in the Wetland FS.

1990 Bay Road - New Discovery of Additional Pollution

Redwood Mortgage Investors V, VI, & VII (Redwood), are the owners of the 1200 Weeks Street property, located on the southern side of Weeks Street. Redwood has proposed the development of a residential subdivision at that site. RPI responded (with Redwood's permission) to Redwood's proposal by conducting soil sampling activities at 1200 Weeks to confirm whether or not pollutants from the 1990 Bay Road Site had migrated south onto the 1200 Weeks properties. Analytical data from soil samples collected at 1200 Weeks indicated the presence of arsenic at elevated concentrations on the easternmost portion of those properties.

RPI conducted additional sampling on and south of 1200 Weeks in order to fully define the lateral extent of soil pollution. These investigations have detected elevated concentrations (>20 mg/kg) of arsenic in soil on the following properties:

- 1275 Runnymede Street
- 1200 Weeks Street (parcel 063-271-040)
- Drainage ditch at 1286 Runnymede Street (Runnymede School).
- Drainage channel flowing south from Runnymede Street, owned by the City of Palo Alto. (Included as part of the Wetland OU, and not covered by Order 97-095.)

The investigation of the SOW Subarea detected concentrations of arsenic in soil which exceeded the residential cleanup standard of 70 mg/kg specified in the 1992 Upland OU Remedial Action Plan (RAP) as set forth in RWQCB Order 92-022. No arsenic concentrations which exceeded the industrial cleanup standard of 500 mg/kg, also established in the 1992 RAP, have been detected south of Weeks Street. Groundwater has also been impacted in this area. Based on the results of an additional investigation currently in progress, the RWQCB may consider amendment or revision to 97-095.

1990 Bay Road - Proposed Remedial Action Plans

There have been remedial action plans proposed for two affected properties in the SOW Subarea.

- 1200 Weeks Street Properties:

  Redwood, the owner of the 1200 Weeks Street Properties submitted an October 8, 1996 proposed *Remedial Action Plan* prepared by Golder Associates, Inc. to the RWQCB. Redwood proposed removal of soil in accessible areas that had arsenic levels exceeding 20 mg/kg. The areas considered inaccessible were under the levee and sanitary sewer line located on the eastern portion of the property. The RWQCB reviewed this report and conditionally approved it in an October 22, 1996 letter.

- 1275 Runnymede Street Property:

  RPI submitted a January 31, 1997 draft *Remedial Plan* for the 1275 Runnymede Street property. This plan was designed specifically for this property, and includes consideration for the structures present and minimal disruption of the property. A combination of soil removal and capping was proposed for soil containing greater than 22 mg/kg arsenic. the proposed 22 mg/kg standard was based on the USEPA Region IX's Preliminary Remediation Goal for non-carcinogenic effects in a residential exposure scenario. Additionally, a deed restriction would have been required for the property to ensure that the remedy remains protective.

The RWQCB did not find the 22 mg/kg cleanup standard acceptable as a final remedy for the property. The RWQCB reiterated that the 20 mg/kg cleanup standard must be used, and that the draft Remediation Plan along with a risk management plan and deed restriction will then suffice as an interim measure until such time as the property became accessible and final measures could be implemented. Future land use changes could allow the RWQCB to consider the interim remedy as the final remedy for the property.

According to a May 6, 1998 telephone interview with Dr. Tomasyne Lightfoot Wilson, owner of the 1275 Runnymede Street property, she has accepted deed restrictions on her property which prohibit further residential construction. At a future point when she may abandon interest in the property, the existing dwellings will be razed and the contaminated soil currently believed to be beneath the dwellings will be remediated.

Other Potential Off-Site Contamination Sources

2081 Bay Road - Romic Environmental Technologies Corporation

The Romic Environmental Technologies Corporation (Romic) property located at 2081 Bay Road, approximately 2,000 feet north of the subject Property, is identified as a Resource Conservation and Recovery Act (RCRA) Corrective Action facility. Currently, a *Comprehensive RCRA Facility Investigation Report* is being prepared for Romic by Einarson, Fowler & Watson and Henshaw Associates. The following information was obtained from the April 28, 1998 draft report.

Soil and groundwater around the Romic facility have been impacted by a variety of former and current land uses as well as by possible off site sources. The former Rhone-Poulenc facility (1990 Bay Road) south of Romic has been investigating and remediating arsenic in soil and groundwater. The former auto wrecking yard immediately south of Romic recently completed remediation of petroleum and lead in soil. An additional wrecking yard west of Romic is completing remediation for petroleum in soil and possibly groundwater. Numerous chemicals of concern (COCs) have been released from the Romic facility between 1956 (when solvent recycling operations were initiated at this site) and approximately 1975, when the facility was totally paved with concrete and a spill containment system was installed. The primary chemicals of concern at the Romic facility are various volatile organic compounds (VOCs) that exist in groundwater beneath the site.

The VOCs are primarily solvents released from former operations at the Romic site. All of these releases have been confined to the shallow groundwater aquifer (A, B, and C-Zones). The areas where the greatest subsurface concentrations of VOCs have been detected are in a former pond area (now beneath the north drum storage building), along a former drainage trough, and in the central process area. Some VOCs are believed to originate off-site, to the southwest of the Romic facility. Currently, Romic operates a groundwater recovery and cleanup system that pumps and treats contaminated groundwater before releasing it to San Francisco Bay under a federal permit.

The Romic facility covers approximately 14 acres. Currently, the site has a central processing area, northern and western drum and material storage warehouses, and southwestern truck and facility maintenance buildings. The site also has administrative buildings, an analytical laboratory, and a wastewater treatment plant.

Chemicals have been used, recycled, or processed at Romic since the mid-1950s. Hird Chemical Corporation built a chemical processing plant at the site in 1956. Carad Chemical corporation purchased the facility in 1959, and owned and operated the plant until 1963, at which time P. D.

Electronics purchased the plant and Romic assumed operation. Romic purchased the facility from P. D. Electronics in 1979, and has continued operations to the present. Site operations include solvent recycling (primarily distillation), fuel blending, wastewater treatment, and hazardous waste storage and transfer.

General Types of Industrial Wastes Serviced by Romic Prior to 1983

Industry	Waste Composition	Percentage
Tape & Coatings Manufacturing	Tetrahydrofuran	2.0%
	Methyl Ethyl Ketone (MEK)	77.0%
	Toluene	4.0%
	Water	17.0%
		100.0%
Disk Manufacturing	MEK	30.0%
	Ethylene Glycol Monoethyl Ether (Cello Solve)	40.0%
	Diethylene Glycol Diethyl Ether (Dimethyl Carbitol)	10.0%
	Cyclohexanone	10.0%
	Resins (Pigments)	5.0%
	Ferric Oxides	5.0%
		100.0%
Electronics - Water Wash	Isopropanol (Isopropyl Alcohol)	20.0%
	Butyl Acetate	39.5%
	Isodecane	40.0%
	Residue	0.5%
		100.0%
Degreasing Industry	1,4-Dioxane	3.0%
	Butyl Alcohol	2.0%
	1,1,1-Trichloroethane	94.0%
	Residue	0.5%
		100.0%
Paint Industry	Toluene	40.0%
	Acetone	20.0%
	MEK	20.0%
	Isopropanol	15.0%
	Organic Pigment	5.0%
		100.0%

Other Chemical Compounds Handled at the 2081 Bay Road Site Prior to 1983

Acetone	Acetic Acid
Carbon Tetrachloride	Chloroform
1,4-dioxane (diethylene oxide)	Ethylene Glycol Monoethyl Ether
Isobutyl Alcohol	Methylene Chloride
Methyl Ethyl Ketone (MEK)	Methyl Isobutyl Ketone (MIBK)
Tetrachloroethane (PCE)	Toluene
1,1,1-Trichloroethane (1,1,1-TCA)	1,1,2-Trichloroethane (1,1,2-TCA)
Trichloroethene (TCE)	Xylenes

Other Chemical Compounds Likely to Have Been Present at 2081 Bay Road Prior to 1983

Acrylonitrile	(associated with acrylic solids and resins)
Vinyl Chloride	(associated with vinyl, vinyl lining materials, and resins)
Various Metals	(associated with paint waste, pigments, and ink sludge)

Early Romic and regulatory records (1963-1973) indicate that the facility handled waste paints, degreasing solvents, thinners, vinyls (vinyl lining materials used in beer cans), acrylic resins, inks, miscellaneous flammables, light oils, heavy oils, and greases. Reportedly, dimethyl sulfoxide (DMSO) salts had been disposed of at the facility. (These salts had been disposed of before Romic occupied the site.) Romic reported in 1980 that they handled binder solids, chlorinated hydrocarbons, distillation bottoms, organic chemicals, paint sludge, polymeric coating wastes, still bottoms, and solvents.

No records regarding waste quantities prior to 1983 are available. The facility handled approximately 4.2 million gallons of waste materials in 1983. Approximately 20% of this total was halogenated solvents, with the remainder being non-halogenated solvents and other wastes. The facility currently processes approximately 8 million gallons of waste materials per year.

Romic currently handles wastewater, spent halogenated and non-halogenated solvents, lacquer thinners, and wastes generated from paint manufacturing and the formulation of ink pigments. These wastes are produced by chemical, paint, ink, semiconductor, adhesive film, automotive, airlines, electronics, biotech, pharmaceutical, printing, and other industries.

Chemical Compounds Currently Processed at Romic

Acetone	Gamma-butyrolactone (BLO)
Butyl Alcohol	Ethylene Glycol
Isobutyl Alcohol	Methylene Chloride
Methanol	MEK
MIBK	n 1-Methyl-2-pyrrolidone (NMP)
PCE	1,1,1-TCA
TCE	Tetrahydrofuran
Toluene	Xylenes

Two shallow ponds existed at the 2081 Bay Road site from approximately 1956 until 1975. Hird Chemical Corporation (Hird) created these ponds when they constructed dikes along the eastern portion of the site to prevent flooding from tidal influences. Hird discharged waste material into these ponds. The overflow from these ponds spilled into a nearby slough that connects to San Francisco Bay. The ponds were closed in the mid-1970s. In 1973, Romic closed the outfall that drained to the bay and began discharging wastewater to the sanitary sewer under a permit from the East Palo Alto Sanitary District. The area was backfilled with concrete and fill material, capped with concrete, and warehouses were built on top of the former ponds.

Unpaved drum storage areas formerly existed on the 2081 Bay Road site. Historic aerial photographs show that as many as 1,000 to 1,500 drums, some of which held waste or reclaimed product, were present at least once within the Romic property boundary. Additionally, a waste discharge trough formerly connected the drum storage area to the ponded area.

Site investigations started in April 1985 and continuing through July 1987 indicated that chemical compounds were present in soil and groundwater at the site. In December 1988, Romic entered into its Administrative Consent order (RCRA-09880015), which required Romic to conduct a RCRA Facility Investigation (RFI). From June 1990 to December 1992, a Phase I and

Phase II RFI was conducted to evaluate the presence and distribution of chemicals in the shallow subsurface, both on and off site. A 1994 Phase III RFI reviewed previous investigations and further characterized deeper subsurface and slough sediments. From September 1996 to July 1997, a Phase IV RFI was conducted to compile additional data regarding the lateral extent of chemicals in shallow and deep groundwater, conduct aquifer tests in deeper water-bearing zones, and sample groundwater for evidence of chemical biodegradation.

Romic has implemented corrective measures to remove chemicals from the upper shallow groundwater zone. Groundwater is pumped to the surface and is treated by steam stripping and granular activated carbon before it is discharged to the slough under RWQCB Waste Discharge Order 93-097, and under the National Pollutant Discharge Elimination System (NPDES) Permit Number CA00299552.

Distribution of Chemicals in Groundwater.

A-Zone

Thirty-nine (39) different volatile organic compounds (VOCs) have been detected in A-Zone groundwater samples. Twenty-four (24) VOCs have been detected in 5% or more of the groundwater samples analyzed. The VOCs detected most frequently are: cis-1,2-Dichloroethene (DCE), TCE, 1,1-DCA (dichloroethane), vinyl chloride, 1,2-DCA, xylenes, and toluene. The average concentrations of these compounds range from 39 ug/l (trans-1,2-DCE) to 15,875 ug/l (MEK). The compounds detected at highest levels were ketones, (MEK, acetone, and MIBK) and tetrahydrofuran. With two exceptions, the highest VOC concentrations in the A-Zone are located in areas surrounding the former pond sites. The highest concentration of Freon-113 (trichlorotrifluoroethane) has been detected in samples from the southern process area (former Freon storage area). The highest on-site concentration of TCE in the A-Zone was detected in the southwestern area of the site. The A-Zone has been undergoing groundwater cleanup since 1995, and the concentrations of VOCs in the A-Zone groundwater have been significantly reduced.

B-Zone

Thirty (30) different VOCs have been detected in B-Zone groundwater samples. Nineteen (19) VOCs have been detected in 5% or more of the groundwater samples analyzed. The VOCs detected the most frequently are: TCE, cis-1,2-DCE, 1,2-DCA, 1,1-DCA, 1,1-DCE, and vinyl chloride. The average concentrations of these compounds range from 41 ug/l (ethyl benzene) to 3,664 ug/l (1,2-DCA). Generally, VOC concentrations are lower in B-Zone groundwater samples than in A-Zone groundwater samples. The highest VOC concentrations in B-Zone groundwater are located near the former pond area. The chemical compounds that are lighter than water (ketones, MEK, tetrahydrofuran) are generally found in the A-Zone, while denser VOCs are found in the B-Zone. The former pond area is the source of most of the VOCs, while the drainage trough is the source of most of the VOCs at depth. The highest concentration of dense chlorinated VOCs in B-Zone groundwater were detected in samples taken near the former drainage trough. Concentrations of 10,000 ug/l (PCE) and 320,000 ug/l (TCE) were discovered in samples from this location. Additionally, VOCs have been consistently detected in an upgradient well at the site which indicates an off-site source for the VOCs southwest of the Romic facility.

C-Zone

Thirty (30) different VOCs have also been detected in C-Zone groundwater samples. Sixteen (16) VOCs have been detected in 5% or more of the groundwater samples analyzed. The VOCs detected most frequently are: TCA, cis-1,2-DCE, PCE, toluene, xylenes, ethylbenzene, Freon

113, 1,2-DCA, and vinyl chloride. The average concentrations of these compounds range from 10 ug/l (1,1,1-TCA) to 434 ug/l (TCE). The highest VOC concentrations in C-Zone groundwater have been detected near the south process area.

D-Zone

Romic has been conducting quarterly groundwater monitoring since 1990. No VOCs have been detected in groundwater samples from the D-Zone since water quality monitoring began.

The on-site water treatment plant and the ongoing pump-and-treat program have contained groundwater contamination at the Romic site. Due to its status (site cleanup underway), distance from the subject Property, and the groundwater flow gradient to the east and northeast, away from the subject Property, it is unlikely that this site has environmentally impacted the subject Property.

R. E. Borrmann Steel Company

The R. E. Borrmann Steel Company located 2450 Pulgas Avenue, approximately 1,300 feet northwest of the subject Property, is identified as a leaking underground storage tank (LUST) site. According to a September 10, 1991 *Soil and Groundwater Investigation* report prepared for this site by William Dubovsky Environmental (Dubovsky), a 1,000-gallon gasoline UST was removed from this site in June 1990. Petroleum hydrocarbons were detected in soil and groundwater samples taken from the tank excavation. According to a May 27, 1994 *Groundwater Monitoring - April 1994* report prepared for this site by Innovative & Creative Environmental Solutions (ICES) low levels of petroleum hydrocarbons persist in groundwater at this site. Due to the status of this site and/or its distance from the subject Property, it is unlikely that this site has environmentally impacted the subject Property.

Pitcher Drilling Company

The Pitcher Drilling Company located at 2447 Pulgas Avenue, approximately 1,400 feet northwest of the subject Property, is identified as a LUST site. According to an April 28, 1995 *Soil Excavation* report prepared for this site by ICES, a 2,000-gallon gasoline UST was removed from this site in December 1993. Significant levels of petroleum hydrocarbons were detected in soil near the tank excavation, and approximately 500 cubic yards of soil was removed and disposed of off site. Petroleum hydrocarbon levels tested low and "none detected" in April 1995. Due to the status of this site and/or its distance from the subject Property, it is unlikely that this site has environmentally impacted the subject Property.

Peck & Hiller Company

The Peck & Hiller Company located at 2479 Pulgas Avenue, approximately 1,700 feet northwest of the subject Property, is identified as a LUST site. According to a May 27, 1994 *Groundwater Monitoring - April 1994* report prepared for this site by ICES low levels of petroleum hydrocarbons persist in groundwater at this site. Additionally, trichloroetheylene (TCE) has been detected in groundwater at this site, and the source has not been defined. Due to its distance from the subject Property and the groundwater flow trend away from the subject Property, it is unlikely that this site has environmentally impacted the subject Property.

Pick & Save Auto Wreckers

Pick & Save Auto Wreckers, located at 1985 Bay Road, approximately 1,950 feet northwest of the subject Property, is identified as a LUST site. Soil at this site has been impacted by petroleum hydrocarbon contamination. The property owner has been convicted on criminal charges stemming from his failure to clean up the site. Due to the status of this site and/or its distance from the subject Property, it is unlikely that this site has environmentally impacted the subject Property.

Iwasaki Nursery

The Iwasaki Nursery located at 2519 Pulgas Avenue, approximately 2,100 feet northwest of the subject Property, is identified as a LUST site. According to a March 2, 1994 *Groundwater Monitoring - April 1994* report prepared for this site by ICES, two (2) diesel USTs, and a gasoline UST were removed from this site. Petroleum hydrocarbons persist in soil at this site. Due to the status of this site and/or its distance from the subject Property, it is unlikely that this site has environmentally impacted the subject Property.

Touchatt Trucking Company

The Touchatt Trucking Company site located at 2519 Pulgas Avenue, approximately 2,300 feet northwest of the subject Property, is identified as a LUST site. This site is closed and no further action is necessary. Due to the status of this site and/or its distance from the subject Property, it is unlikely that this site has environmentally impacted the subject Property.

Railroad Right-of-Way:

An abandoned railroad right-of-way was located approximately 1,200 feet north of the subject Property at the time of the site inspection. According to a May 4, 1998 telephone interview with Mr. Gerry Groomes, City Manager of the City of East Palo Alto, this siding has had its tracks removed in several locations. The city intends to remove the remainder of the existing track when the Ravenswood industrial area is redeveloped.

The siding formerly served the 1990 Bay Road site. Chemicals used in pesticide manufacture as well as finished pesticide products were unloaded and loaded at this siding. The potential exists that the track area was contaminated with pesticide manufacturing chemicals. This may have contributed to the local arsenic plume which has environmentally impacted the subject Property.

Potential Adjoining and Adjacent Property Contamination Receptors:

Environmentally sensitive receptors were investigated within a thousand feet of the borders of the subject Property. The sensitive receptors are materials or structures particularly susceptible to environmental damage or stress from migrating contamination. The major receptor groups investigated were water supplies, surface water bodies, residential structures, and other public receptors. During the course of on-site visual and physical inspection, surrounding residences and the San Francisco Bay were identified as environmentally sensitive receptors.

Review of Federally Reported Environmental Data:

This review of the existing compilation of the federal environmental database attempts to identify environment problem sites, activities, and occurrences from the records and reports of the U.S. Environmental Protection Agency (US EPA). A detailed listing and a map showing all sites is included in the appendix.

National Priorities List (NPL) of Superfund Sites:

The NPL is the EPA's database of hazardous waste sites currently identified and targeted for priority cleanup action under the Superfund program. A search of the 1998 National Priorities List identified no Superfund sites within 1.0 mile of the subject Property.

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980:

Mandated as part of the 1980 Superfund Act, the CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) list is an EPA compilation of the sites investigated, or currently being investigated for a release or potential release of a regulated hazardous substance under the CERCLA regulations. A search of the 1998 CERCLIS database identified two (2) sites within 1.0 mile of the subject Property. The sites are located at:

NAME	ADDRESS	APPROXIMATE DISTANCE/DIRECTION	STATUS
Rhone-Poulenc/Zoecon	1990 Bay Road	0.835 miles/northwest	Active Cleanup
Ravenswood Indust.. Area	Bay Road/Illinois Street	0.850 miles/northwest	Preliminary Assessment

The 1990 Bay Road site has environmentally impacted the subject Property. The Ravenswood Industrial Area is currently being studied. No site has been identified which has environmentally impacted the subject Property with the exception of 1990 Bay Road. The possibility exists that other industrial site(s) have environmentally impacted the subject Property.

Emergency Response Notification System (ERNS):

The ERNS database is the historical record of all reported releases of oil and other hazardous substances. A search of the 1998 ERNS database identified no sites within 0.25 mile of the subject Property.

Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposals (TSD) Facilities:

The RCRA program identifies and tracks hazardous waste from generation source to the point of ultimate disposal. The RCRA-TSD facilities database is the composite of reporting facilities that store, transport, treat, or dispose of controlled or hazardous waste. Identification on this list does not indicate that a site has impacted the environment. A search of the 1998 RCRA- TSD facilities database identified no sites within the subject Property's database search range and 1.0 mile of the subject Property.

Resource Conservation and Recovery Act (RCRA) Generator Facilities:

The RCRA program identifies and tracks hazardous waste from generation source to the point of ultimate disposal. The RCRA generator facilities database is the composite of reporting facilities that generate hazardous waste. Identification on this list does not indicate that a site has impacted the environment. A search of the 1997 RCRA generator facilities database identified no sites within the subject Property's database search range of 0.25 mile of the subject Property.

RCRA Corrective Action (RCRA-CA) Sites:

The RCRA-CA report contains information pertaining to facilities which have conducted, or are currently conducting corrective actions as regulated by the Resource Conservation and Recovery Act. A search of the 1998 RCRA-CA facilities database identified one (1) site within the subject Property's database search range and 1.0 mile of the subject Property. The site is located at:

NAME	ADDRESS	APPROXIMATE DISTANCE/DIRECTION	STATUS
Romic Environmental	2081 Bay Road	0.738 miles/northwest	Listed in Raats Corrective action underway

Due its status and distance from the subject Property, it is unlikely that this site has environmentally impacted the subject Property.

Toxic Release Inventory (TRI) Sites:

The TRI report contains information concerning the industrial release and/or transfer of toxic chemicals as reportable under Title III of the Superfund Amendments And Reauthorization Act of 1986 SARA Title II). A search of the 1996 TRI facilities database identified three (3) sites within the subject Property's database search range and 0.5 mile of the subject Property. The sites are located at:

NAME	ADDRESS	APPROXIMATE DISTANCE/DIRECTION	STATUS
Catalytica	1990 Bay Road	0.35 miles/northwest	Permitted releases
Sandoz Agro, Inc.	1990 Bay Road	0.35 miles/northwest	Permitted releases
Asm	2536 Pulgas Avenue	0.42 miles/northwest	Permitted releases

The 1990 Bay Road site has environmentally impacted the subject Property. Due to its distance from the subject Property, the unlikely possibility exists that the remaining site (Asm, 2536 Pulgas Avenue) has environmentally impacted the subject Property.

Review of California Reported Environmental Data

Results of the California regulatory records search follow. Each section begins with a description of the database searched and the state agency that compiles it. A detailed listing and a map showing all sites are included in the appendix.

CalSites Database:

CalSites (also known as Hazardous Waste Sites [HWS]) combines the former ASPIS (Abandoned Sites Program Information System), Annual Work Plan (AWP), and BEP (State Superfund List) hazardous waste site databases. A search of the 1997 CAL-SITES database identified five (5) sites within 1.0 mile of the subject Property. These sites are located at:

NAME	ADDRESS	APPROXIMATE DISTANCE/DIRECTION	STATUS
Zoecon/Rhone-Poulenc	1990 Bay Road	0.35 miles/northwest	referred to RWQCB
Romic Chemical Corp.	2081 Bay Road	0.38 miles/northwest	referred to RCRA
Product A Mfg.	1804 Bay Road	0.46 miles/northwest	PEA-low
Electrite Company, Inc.	1805 Bay Road	0.47 miles/northwest	referred to RWQCB
J&J Fabricators	255 Demeter Street	0.65 miles/northwest	PEA-low

PEA = Preliminary Endangerment Assessment
SSR = Site Screening Required
C/O&M - Certified / Operations & Maintenance Program in Effect

The 1990 Bay Road site has environmentally impacted the subject Property. It is unlikely that the remaining four sites have environmentally impacted the subject Property due to their regulatory status and/or distance from the subject Property.

Cortese Database:

The Cortese list contains hazardous waste and substance sites compiled pursuant to Assembly Bill 3750 (Cortese, Chapter 1048, Statutes of 1986). The information included in this list comes from the State Department of Health Services (public drinking water wells with detectable levels of contamination; hazardous substance sites selected for remedial action; and sites with known toxic material identified through the abandoned site assessment program), the State Water Resource Control Board (sites with known USTs having a reportable release), and the California Waste Management Board (solid waste disposal facilities from which there is a known migration). A search of the 1994 Cortese database identified four (4) sites within 0.5 mile of the subject Property. These sites are located at:

NAME	ADDRESS	APPROXIMATE DISTANCE/DIRECTION	STATUS
R. E. Borrmann Steel Co.	2450 Pulgas Avenue	0.25 miles/northwest	LTank
Peck & Hiller	2479 Pulgas Avenue	0.33 miles/northwest	LTank
Iwasaki Nursery	2519 Pulgas Avenue	0.41 miles/northwest	LTank
Touchatt Trucking	2535 Pulgas Avenue	0.43 miles/northwest	LTank

LTank = Leaking Tank

It is unlikely that these sites have environmentally impacted the subject Property due to their distance from the subject Property, regulatory status, and/or down or cross gradient location.

Leaking Underground Storage Tanks (LUSTs):

The California Water Quality Control Board, in cooperation with the Office of Emergency Services, maintains an inventory of LUSTs in a statewide database. This 1997 database identified fourteen (14) reported leaking tank sites within 0.5 mile of the subject Property. The five closest sites are located at:

NAME	ADDRESS	APPROXIMATE DISTANCE/DIRECTION	STATUS
R. E. Borrmann Steel Co.	2450 Pulgas Avenue	0.25 miles/northwest	Pollution Characterization
Pitcher Drilling	2447 Pulgas Avenue	0.26 miles/northwest	Leak Being Confirmed
Peck & Hiller	2479 Pulgas Avenue	0.33 miles/northwest	Preliminary Site Assessment
Pick & Save Auto Wrecking	1985 Bay Road	0.37 miles/northwest	Leak Being Confirmed
Iwasaki Nursery	2519 Pulgas Avenue	0.41 miles/northwest	Remediation underway

It is unlikely that these sites have environmentally impacted the subject Property due to their distance from the subject Property, ground water gradient and/or regulatory status.

Solid Waste Facilities/Landfill Database (SWF/LS):

Solid Waste Facilities/Landfill Database (SWF/LS) records comprise an inventory of solid waste disposal facilities or landfills. A search of the 1997 SWF/LS database identified one (1) site within 1.0 mile of the subject Property. This site is located at:

NAME	ADDRESS	APPROXIMATE DISTANCE/DIRECTION	STATUS
Bay Road	2100 Bay Road	0.37 miles /northeast	Closed

It is unlikely that this site has environmentally impacted the subject Property due to the its distance from the subject Property.

Underground Storage Tanks (USTs):

USTs are regulated under Subtitle I of the RCRA and must be registered with the California Water Resources Control Board's Underground Storage Tank Program. These are registered USTs only, and identification on this list does not indicate that the site has impacted the environment. A search of the 1994 UST database identified thirteen (13) sites within 0.25 mile of the subject Property. The five closest sites are located at:

NAME	ADDRESS	APPROXIMATE DISTANCE/DIRECTION	STATUS
Lopez Residence	1103 Weeks Street	0.20 miles/northwest	Inactive
Nursery	1054 Weeks Street	0.25 miles/northwest	Inactive
R. E. Borrmann Steel	2450 Pulgas Avenue	0.25 miles/northwest	Not reported
Pitcher Drilling Co.	2447 Pulgas Avenue	0.26 miles/northwest	Active
Garcia Well & Pump Co.	1045 Weeks Street	0.27 miles/northwest	Not reported

Based upon the status of these sites and/or their distance from the subject Property, it is unlikely that they have environmentally impacted the subject Property.

Waste Discharger System (WDS) Report:

The WDS report contains information for all regulated waste water and hazardous waste discharges to public waterways, groundwater or sewer systems in California. Identification on this list does not necessarily indicate that a site has impacted the environment. A search of the 1997 WDS database identified no sites within 1 mile of the subject Property.

SPILLS Database:

The California Spill, Leaks, Investigations and Cleanups (SLIC) database contains information for all reported hazardous material/waste surface or groundwater contamination investigations in California. A search of the 1997 SLIC database identified four (4) SLIC sites within 0.5 miles of the subject Property. These sites are located at:

NAME	ADDRESS	APPROXIMATE DISTANCE/DIRECTION	STATUS
Cal-Mac (bankrupt)	1175 Weeks Street	0.16 miles /north	Open
Rhone-Poulenc/Sandoz	1990 Bay Road	0.35 miles/northwest	Open
Pick & Save Auto Wreckers	1985 Bay Road	0.37 miles/northwest	Open
Electrite	1805 Bay Road	0.47 miles/northwest	No Action

The 1990 Bay Road site has environmentally impacted the subject Property. The likely possibility exists that the 1175 Weeks Street property has environmentally impacted the subject Property, however this has not been conclusively confirmed. A less likely potential exists that the 1985 Bay Road site has environmentally impacted the subject Property, however this has not been conclusively confirmed. Based upon the distance and/or inactive status of the remaining site (Electrite, 1805 Bay Road), it is unlikely to have environmentally impacted the subject Property.

A.3. County/Local Agency Records Search

Following is a discussion of records searches performed at local government agencies or personal/telephone contacts made which provide information relevant to the subject Property.

San Mateo County Department of Environmental Health (SMCDEH), Menlo Park Fire Protection District (MPFPD):

NWE contacted the SMCDEH and the MPFPD in an effort to determine whether hazardous material incidents have been reported at the subject Property address. No information regarding hazardous material incidents was on file regarding the subject Property.

Approximate Database Search Range:

The above referenced federal, state, and local databases were reviewed for an appropriate search distance from the subject Property borders approximating the following radius:

Federal Database/Search Range:

National Priorities List (NPL) of Superfund Sites/1.0 mile

Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Sites/1.0 mile

Emergency Response Notification System (ERNS) Federally Reported Releases/0.25 mile

Resource Conservation and Recovery Act (RCRA):
TSD Facilities/1.0 mile
Generators/0.25 mile

State of California Database/Search Range:

CAL-SITES Sites/1.0 mile

Cortese Sites/0.5 mile

Leaking Underground Storage Tanks (LUST)/0.5 mile

SWF Sites/1.0 mile

Underground Storage Tanks (UST)/0.5 mile

Waste Discharger System (WDS) Report/1.0 mile

California Spill, Leaks, Investigations and Cleanups (SLIC)/0.5 mile

County and Local Agency Records Search:

Menlo Park Fire Protection District/subject Property

San Mateo County Department of Environmental Health/subject Property

STATEMENT OF THE ENVIRONMENTAL PROFESSIONALS

Statement of Quality Assurance

I have performed this Assessment in accordance with generally accepted environmental practices and procedures, as of the date of this report. I have employed the degree of care and skill ordinarily exercised under similar circumstances by reputable environmental professionals practicing in this area. The conclusions contained within this Assessment are based upon site conditions I readily observed or were reasonably ascertainable and present at the time of the site inspection.

The conclusions and recommendations stated in this report are based upon personal observations made by employees of NWE and upon information provided by others. I have no reason to suspect or believe that the information provided is inaccurate.

Signature of NWE's Environmental Assessor - Dennis C. Scherzer, REA #4853

Signature of Environmental Assessor

REGISTERED ENVIRONMENTAL ASSESSOR
DENNIS C. SCHERZER
No. 04853
Expires 6-30-99
STATE OF CALIFORNIA

Statement of Quality Control

The objective of this Environmental Site Assessment was to ascertain the potential presence or absence of environmental releases or threatened releases that could impact the subject Property, as delineated by the Scope of Work. The procedure was to perform reasonable steps in accordance with the existing regulations, currently available technology, and generally accepted engineering practices in order to accomplish the stated objective.

The Scope of this Assessment does not purport to encompass every report, record, or other form of documentation relevant to the subject Property being evaluated. Additionally, this Assessment does not include or address reasonably ascertainable Environmental Liens currently recorded against the subject Property. To the best of my knowledge, this Environmental Site Assessment has been performed in compliance with NWE Standard Operating Procedures protocol for Phase I Environmental Site Assessments.

Signature of NWE Environmental Project Manager - Kevin F. Gallagher:

Signature/Environmental Project Manager

ENVIRONMENTAL ASSESSMENT REPORT LIMITATIONS

The enclosed Phase I Environmental Site Assessment has been performed for the exclusive use of the Ravenswood City School District, or agents specified by it concerning the Property located at 1286 Runnymede Street in East Palo Alto, California.

This Assessment has been performed in accordance with generally accepted environmental practices and procedures, as of the date of the Report. All services have been performed employing that degree of care and skill ordinarily exercised under similar circumstances by reputable environmental technologists practicing in this, or similar localities. No other warranty or guarantee, expressed or implied, is made or offered.

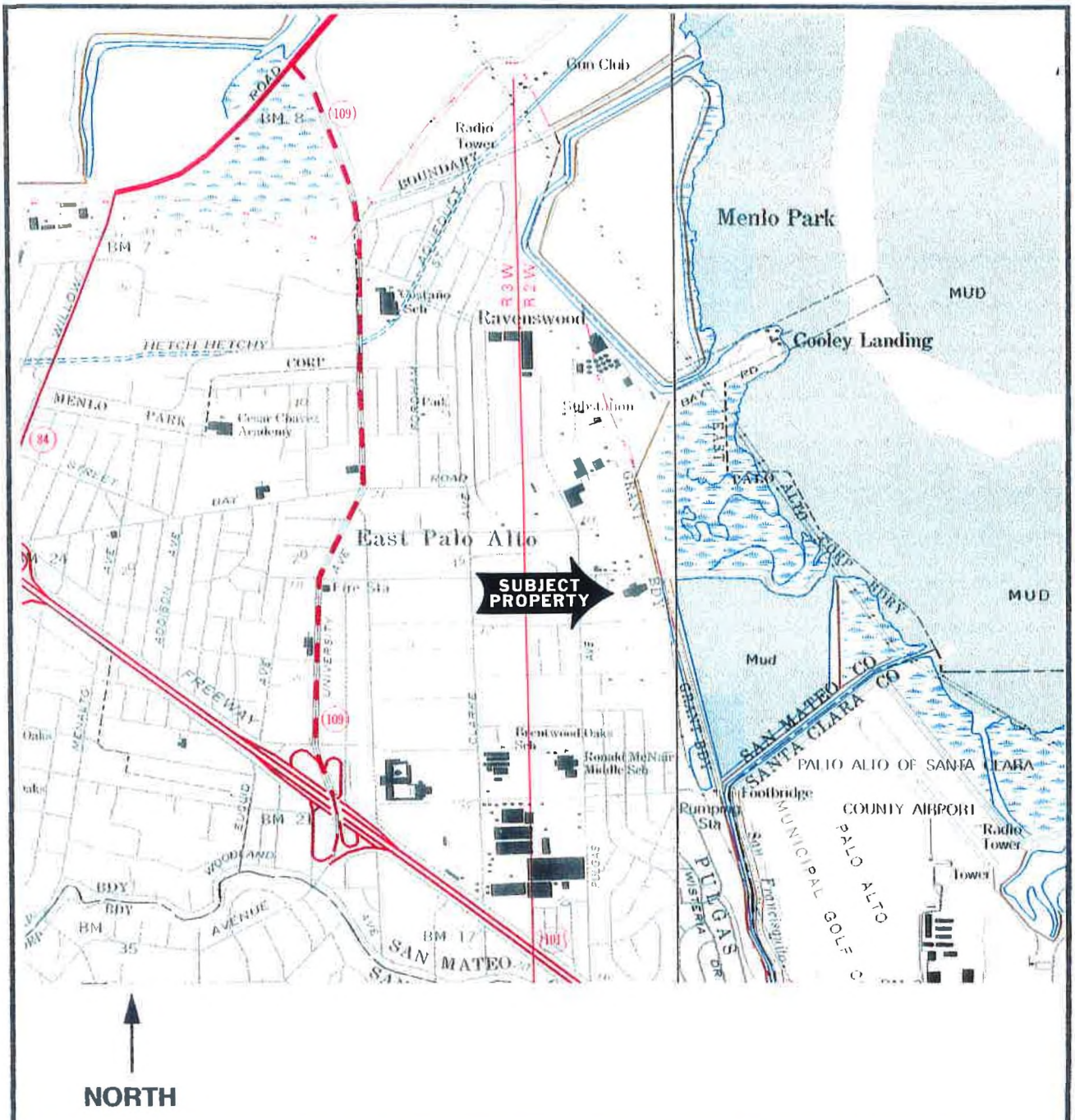
The conclusions and recommendations stated in this Report are based upon observations made by employees of NWE and also upon information provided by others. We have no reason to suspect or believe that the information provided is inaccurate. However, we cannot be held responsible for the accuracy of the information provided to us by others. The Scope of this Assessment does not purport to encompass every report, record, or other form of documentation relevant to the Property being evaluated.

This Assessment does not include or address reasonably ascertainable Environmental Liens currently recorded against the subject Property.

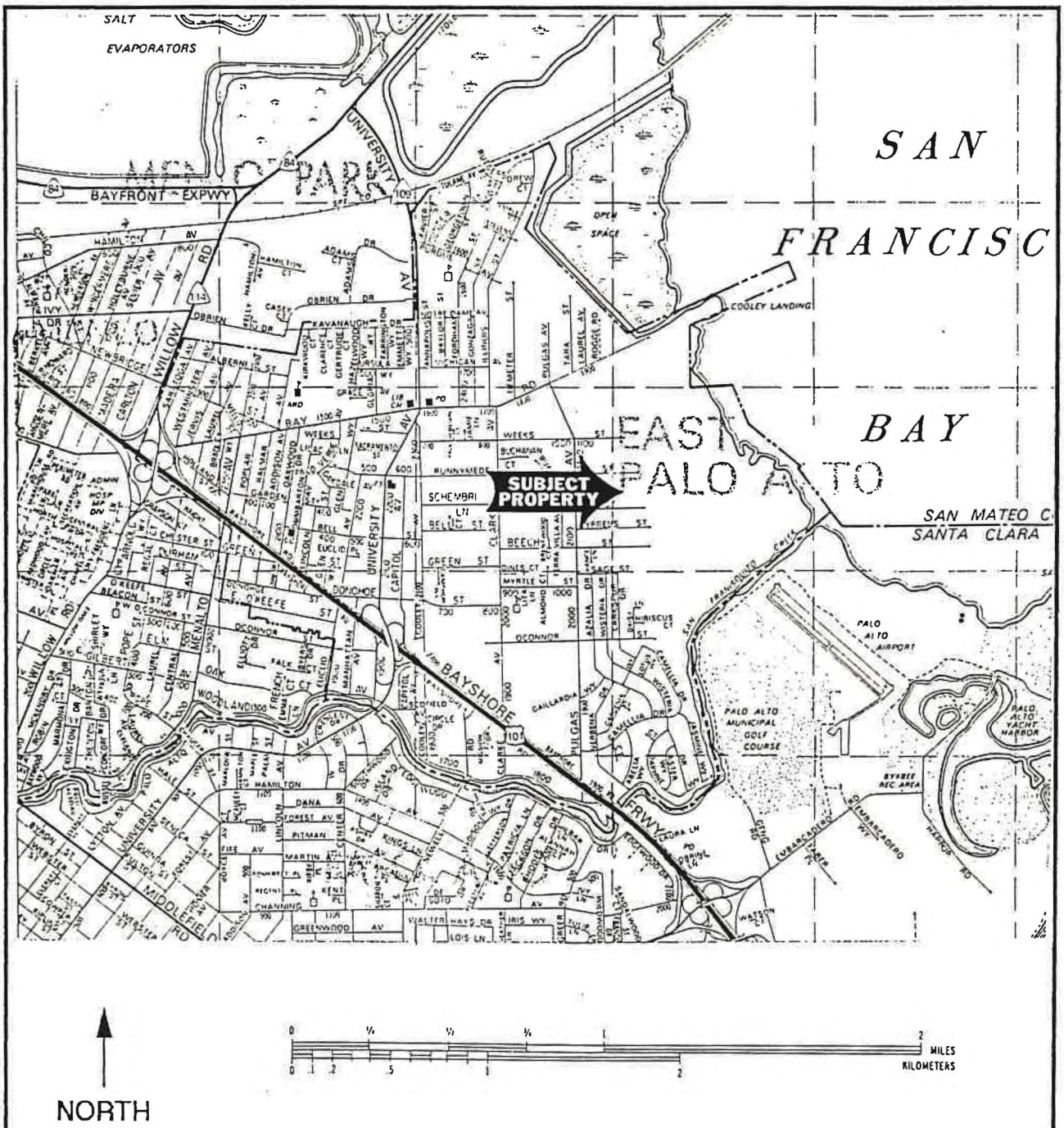
The observations contained within this Assessment are based upon site conditions readily visible and present at the time of our site inspection. These site observations are unable to specifically address conditions of subsurface soil, groundwater, or underground storage tanks, unless specifically mentioned. This Phase I Environmental Site Assessment does not attempt to address the past or forecast the future site conditions.

APPENDIX

- USGS 7.5 Minute Topographic Map
- Site Location Maps
- Legal Description
- Site Photographs
- Sanborn Maps
- ERIIS Radius Report
- Correspondence
- File Review Information
- Field Screen Questionnaire
- AHERA Building Inspector Certificate



Northwest Envirocon, Inc. Environmental Consulting	USGS 7.5 Minute Topographic Map Palo Alto & Mountain View Quadrangles 1286 Runnymede Street East Palo Alto, California	
JOB NUMBER: 05-001416	DATE: May 1998	PLATE: 1

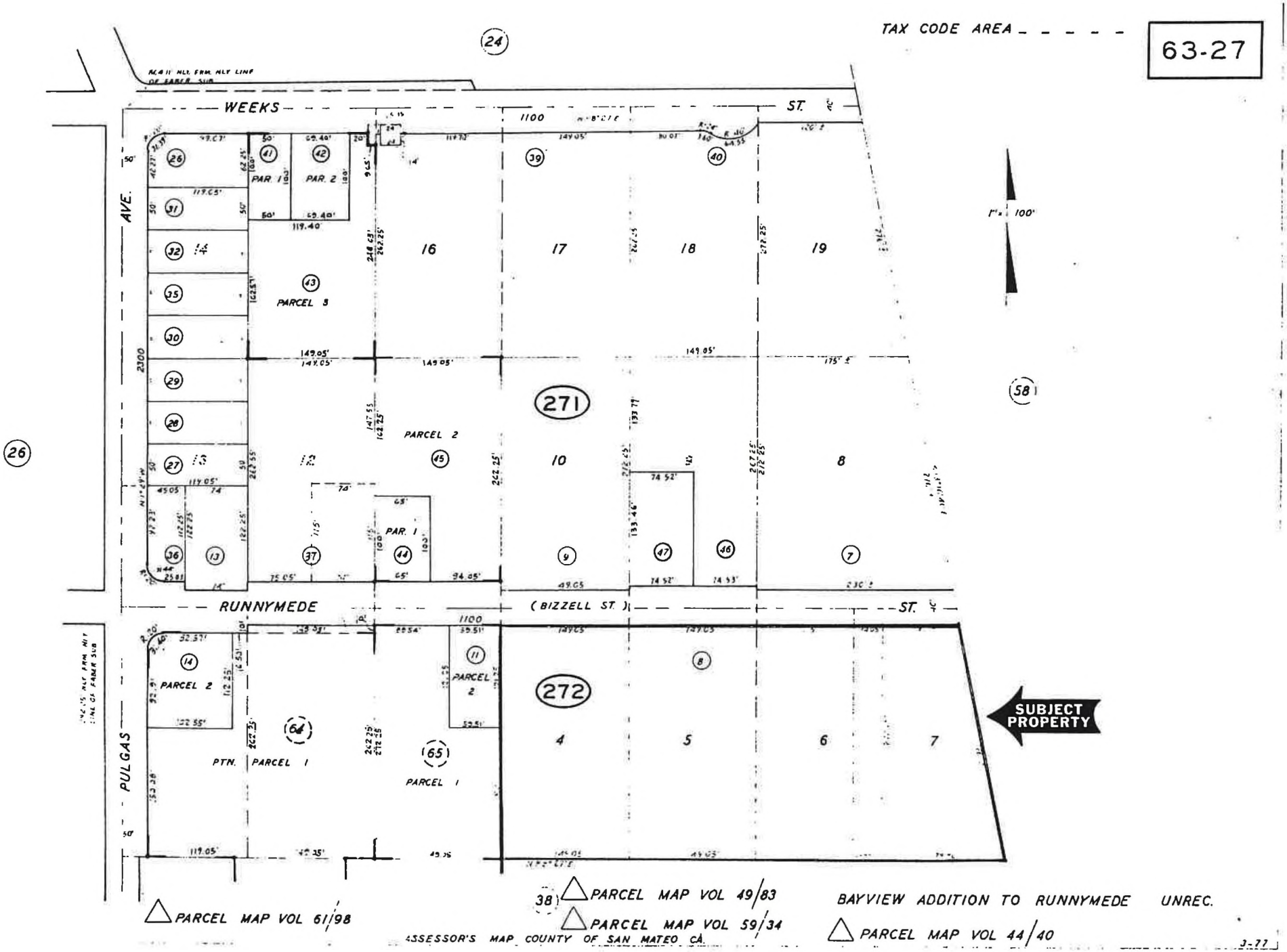


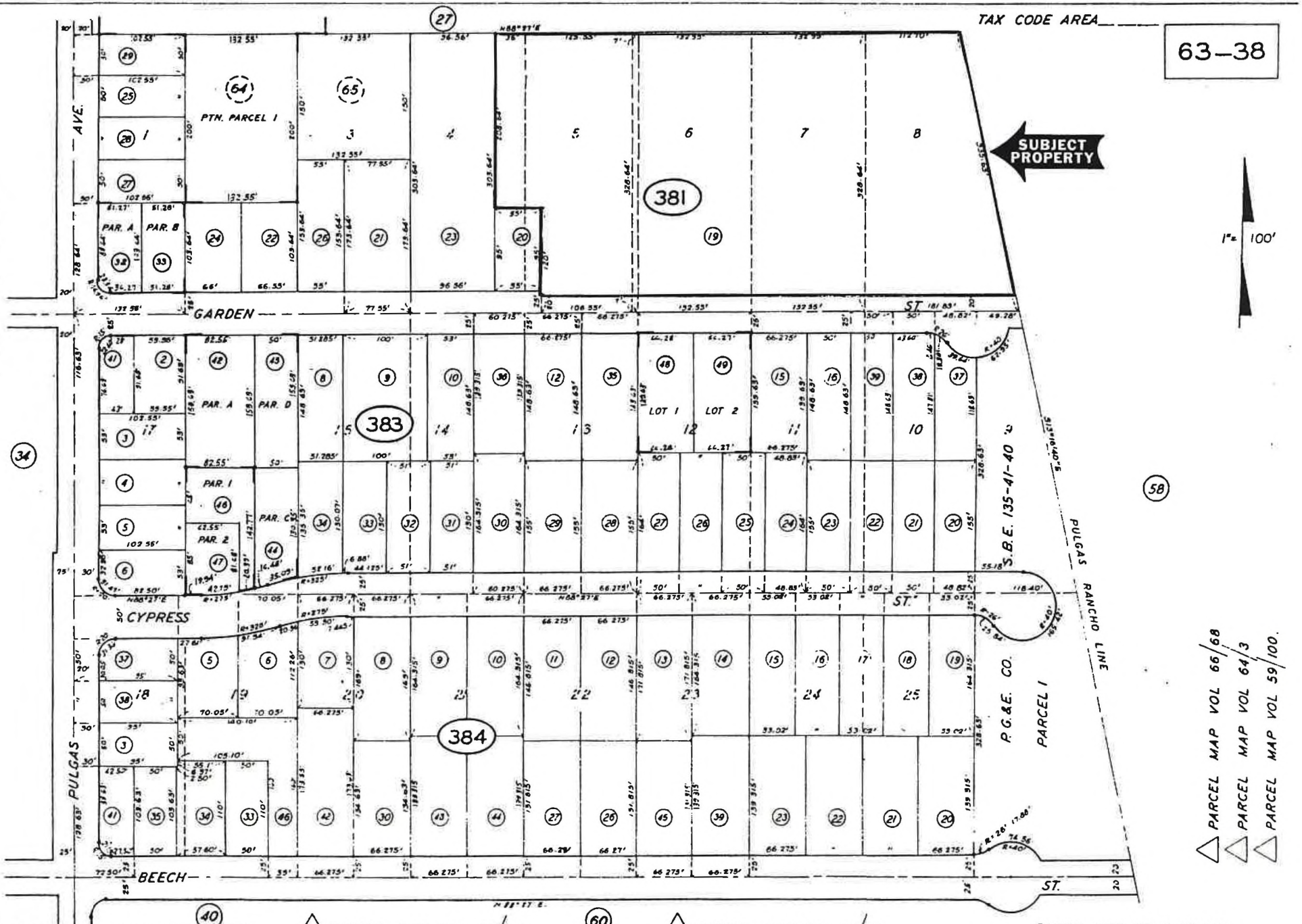
Northwest Envirocon, Inc.
Environmental Consulting

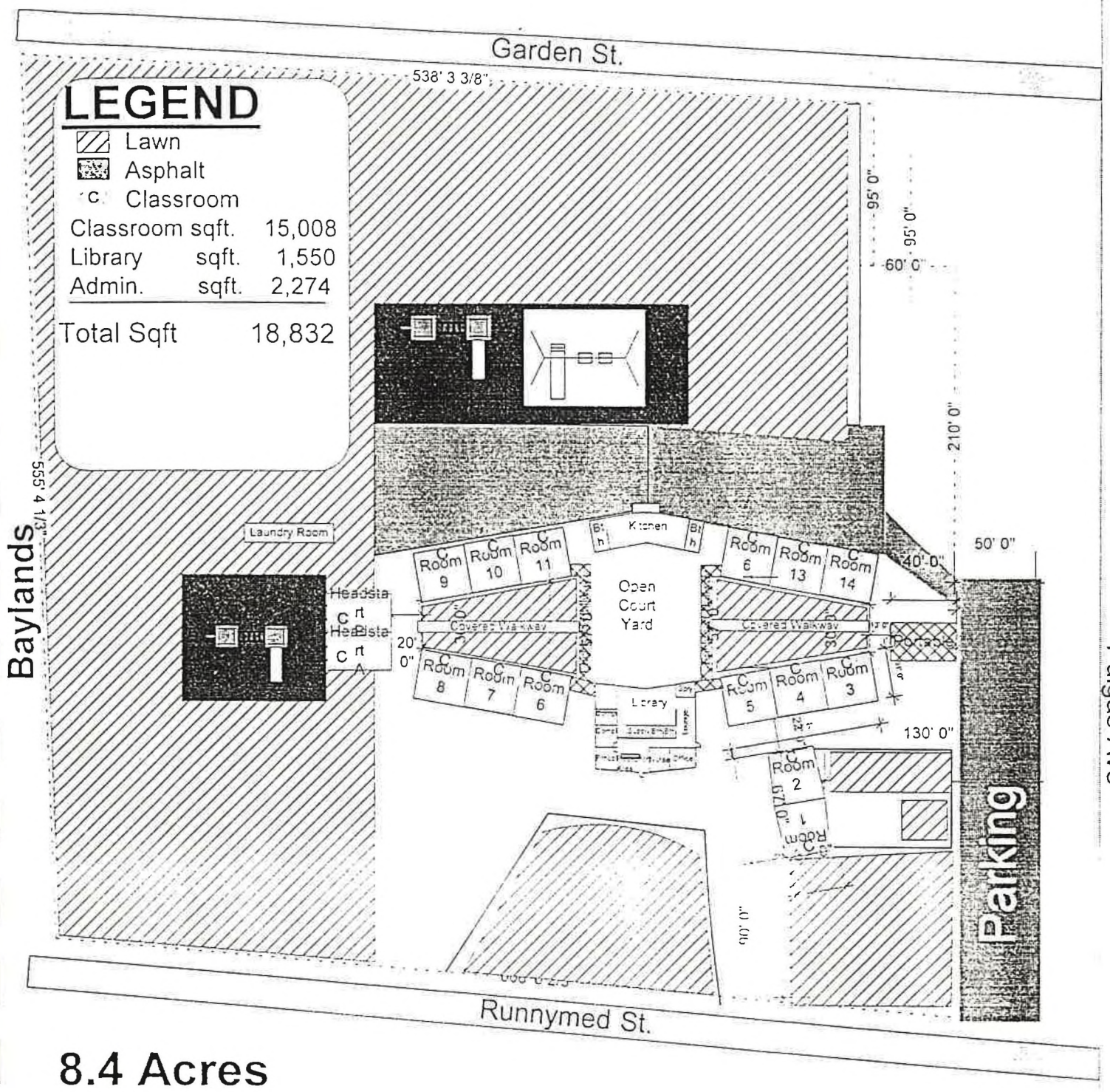
Vicinity Street Map
1286 Runnymede Street
East Palo Alto, California

JOB NUMBER:	DATE:	PLATE:
05-001416	May 1998	2

TAX CODE AREA - - - - - - 63-27




TAX CODE AREA
63–38
SUBJECT PROPERTY
1" = 100'
FABER SUB.
AVE.
GARDEN
ST.
381
383
384
PTN. PARCEL 1
PAR. A
PAR. B
PAR. C
PAR. D
PAR. 1
PAR. 2
LOT 1
LOT 2
S.B.E. 135-41-40
PULGAS RANCHO LINE
P.G.&E. CO.
PARCEL 1
50' CYPRESS
PULGAS
BEECH
ST.
PARCEL MAP VOL 66/68
PARCEL MAP VOL 64/3
PARCEL MAP VOL 59/100
ASSESSOR'S MAP COUNTY OF SAN MATEO, CALIF.
PARCEL MAP VOL 59/34
PARCEL MAP VOL 58/38
FABER SUB. NO. 2 UNREC.
3-6-75



8.4 Acres

East Palo Alto Charter School
1286 Runnymede St., San Mateo County

SCALE 1" = 90' 0"

0 60' 0" 100' 0" 200' 0"

View of the subject Property from the southwest corner. (left)

View of the subject Property from the southeast corner. (right)

View of the subject Property from the northeast corner. (left)

View of the subject Property from the northwest corner. (left)

View of the eastern adjoining property, baylands owned by the City of Palo Alto. (right)

View of the eastern adjoining property, drainage ditch owned by the City of Palo Alto (left)

View of the northern adjoining property, 1275 Runnymede Street. (left)

View of southern adjoining properties - Garden Street residences. (right)

View of arsenic contamination cleanup area (foreground) from the northeastern corner of the subject Property. (left)

View of arsenic contamination cleanup area (foreground) from the east central portion of the subject Property. (left)

View of arsenic contamination cleanup area from the northeastern corner of the subject Property.

(right)

View of Head Start Playground adjoining the arsenic contamination cleanup area. (left)

1990 Bay Road site. View westward from levee. (left)

Cal Mac (Torres) property. View westward from levee. (right)

View of stockpiled contaminated soil, 1990 Bay Road site. (left)

View of arsenic contaminated soil removed from subject Property. Soil is stockpiled on the P,G&E property at Bay Road. (left)

East Palo Alto Sanitary District (EPASD) manhole T23, located near northeastern corner of the subject Property. (right)

View of the Redwood Mortgage property (1200 Weeks Street). EPASD manhole T24 is in foreground. (left)

Redwood Mortgage property (1200 Weeks Street). View westward from levee. (left)

EPASD manhole T25 near eastern end of Weeks Street. (right)

Groundwater monitoring well in marsh land immediately east of the 1990 Bay Road site. (left)

SEARCH RESULTS
ERIIS HISTORICAL MAP COLLECTION

PERTAINING TO: 1286 Runnymede Street
East Palo Alto, CA 94303

REPORT NUMBER: 239972A

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

The ERIIS Historic Map Collection is the largest and most extensive private collection of prior-use maps in the United States, thereby affording the greatest degree of historic due diligence. ERIIS' inventory includes images from the following publishers:

- Bromley
- Dakin
- Hexamer
- Hopkins
- Manufacturers Mutual Fire Insurance Maps
- Nirenstein Real Estate Atlases
- Sanborn Fire Insurance Map Collections
- Scarlett and Scarlett
- Rascher
- William G. Baist

ENVIRONMENTAL
DATABASE

PERTAINING TO:
1286 Runnymede Street
East Palo Alto, CA 94303

REPORT NUMBER:
239972A

PREPARED ON:
04/23/1998

ON BEHALF OF:
Northwest Envirocon, Inc.
1828 Tribute Road Suite A
Sacramento, CA 95815

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.

ERIIS Custom Detail Radius Report

SUBJECT PROPERTY: 1286 Runnymede Street
East Palo Alto, CA 94303

ORDERED BY: Kevin Gallagher

REPORT NUMBER: 239972A

PREPARED ON: 04/21/98

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505 Huntmar Park Dr, Suite 200
Herndon, VA 20170
(703)834-0600 (800)989-0402
FAX: (703)834-0606

SITE INFORMATION

1286 Runnymede Street
East Palo Alto, CA
San Mateo County
Job Number: 239972A
Map Plotted: Apr 21, 1998

MAP LEGEND

- Target Area
- Radii .25, .5, 1 Mi
- Hydrography
- Railroads
- Roads
- Highways
- NPL 0 Sites
- RCRIS_TS 0 Sites
- RCRIS_CA 1 Site
- CERCLIS 2 Sites
- NFRAP 3 Sites
- RCRIS_LG 0 Sites
- RCRIS_SG 0 Sites
- TRI 3 Sites
- ERNS 0 Sites
- MSITES 0 Sites
- HWS 5 Sites
- LRST 6 Sites
- SWF 1 Site
- RST 13 Sites
- CORTS 4 Sites
- SPILLS 4 Sites
- SWAT 0 Sites
- HWIS 2 Sites
- WDS 0 Sites
- NUCLEAR 0 Sites

Miles

0 0.25 0.5

ERIIS Custom Detail Radius Statistical Profile

ERIIS Report #239972A

Apr 21, 1998

SITE: 1286 Runnymede Street
East Palo Alto, CA 94303

Latitude: 37.468800
Longitude: -122.125447

State: CA

DATABASE	RADIUS (MI)	TARGET AREA**	PROPERTY-1/4	1/4-1/2	1/2-1	>1	TOTAL
NPL	1.00		0	0	0		0
CERCLIS	1.00		0	2	0		2
RCRIS_TS	1.00		0	0	0		0
RCRIS_LG	0.25		0				0
RCRIS_SG	0.25		0				0
ERNS	0.25		0				0
LRST	0.50		0	6			6
RST	0.50		1	12			13
SWF	1.00		0	1	0		1
HWS	1.00		0	4	1		5
NFRAP	0.50		1	2			3
FINDS	0.25		1				1
NUCLEAR	0.50		0	0			0
TRI	0.50		0	3			3
CORTS	0.50		0	4			4
HWIS	0.25		2				2
MSITES	0.25		0				0
SPILLS	0.50		1	3			4
SWAT	0.50		0	0			0
WDS	0.25		0				0
RCRIS_CA	1.00		0	1	0		1
			6	38	1	0	45

TOPO QUAD: Palo Alto

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 target area is defined as a .02 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: 01/08/98
Release Date: 01/27/98
Date on System: 02/06/98
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
703/603-8881

National Priorities List

The NPL Report is an EPA listing of the nation's worst uncontrolled or abandoned hazardous waste sites. NPL sites are targeted for possible long-term remedial action under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980. In addition, the NPL Report includes information concerning cleanup agreements between EPA and Potentially Responsible Parties (commonly called Records of Decision, or RODS), any liens filed against contaminated properties, as well as the past and current EPA budget expenditures tracked within the Superfund Consolidated Accomplishments Plan (SCAP).

CERCLIS

Date of Data: 01/08/98
Release Date: 01/27/98
Date on System: 01/30/98
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
703/603-8881

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 U.S. 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 (NPL). In addition to site events and milestone dates, the CERCLIS Report also contains financial information from the Superfund Consolidated Accomplishments Plan (SCAP).

RCRIS_TS

Date of Data: 01/01/98
Release Date: 02/02/98
Date on System: 03/06/98
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
800/424-9346

Resource Conservation and Recovery Information System - Non-Corrective Action TSD Facilities

The RCRIS_TS Report contains information pertaining to facilities which either treat, store, or dispose of EPA regulated hazardous waste. The following information is also included in the RCRIS_TS Report:
- Information pertaining to the status of facilities tracked by the RCRA Administrative Action Tracking System (RAATS)
- Inspections & evaluations conducted by federal and state agencies
- All reported facility violations, the environmental statute(s) violated, and any proposed & actual penalties
- A complete listing of EPA regulated hazardous wastes which are generated or stored on-site

RCRIS_LG

Date of Data: 01/01/98
Release Date: 02/02/98
Date on System: 03/06/98
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
800/424-9346

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 EPA regulated hazardous waste per month, or meet other applicable requirements of the Resource Conservation And Recovery Act. The following information is also included in the RCRIS_LG Report:
- Information pertaining to the status of facilities tracked by the RCRA Administrative Action Tracking System (RAATS)
- Inspections & evaluations conducted by federal and state agencies
- All reported facility violations, the environmental statute(s) violated, and any proposed & actual penalties
- Information pertaining to corrective actions undertaken by the facility or EPA
- A complete listing of EPA regulated hazardous wastes which are generated or stored on-site

RCRIS_SG
Date of Data: 01/01/98
Release Date: 02/02/98
Date on System: 03/06/98
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
800/424-9346

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 EPA regulated hazardous waste per month, or meet other applicable requirements of the Resource Conservation And Recovery Act. On advice of the U.S. EPA, ERIIS does not report so-called "RCRA Protective Filers." Protective Filers, commonly called Conditionally Exempt Small Quantity Generators (CESQG's), are facilities that have completed RCRA notification paperwork, but are not, in fact, subject to RCRA regulation. The determination of CESQG status is made by the U.S. EPA. The following information is also included in the RCRIS_SG Report:
- Information pertaining to the status of facilities tracked by the RCRA Administrative Action Tracking System (RAATS)
- Inspections & evaluations conducted by federal and state agencies
- All reported facility violations, the environmental statute(s) violated, and any proposed & actual penalties
- Information pertaining to corrective actions undertaken by the facility or EPA
- A complete listing of EPA regulated hazardous wastes which are generated or stored on-site

ERNS
Date of Data: 03/06/98
Release Date: 03/06/98
Date on System: 04/17/98
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
202/260-2342

Emergency Response Notification System

ERNS is a national computer database system that is used to store information concerning 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, 1997 and March 6, 1998.

LRST
Date of Data: 10/02/97
Release Date: 11/15/97
Date on System: 01/30/98
CA Water Quality Control Board(s)
Cal EPA - Hazardous Materials Data Mgt.
916/445-6532

California Leaking Underground Storage Tank Report

The California LRST Report contains information pertaining to reported leaking underground storage tanks within the State of California. ERIIS has obtained the LUSTIS information from the California EPA and the LUST lists from each of the Regional Water Quality Control Boards. The dates of the information for each of the regions are as follows:
Region 1 - North Coast Region-10/2/97-(707)576-2220
Region 2 - San Fran. Bay Region-01/17/97-(510)286-1255
Region 3 - Central Coast Region-01/07/97-(805)549-3147
Region 4 - Los Angeles Region-09/16/97-(213)266-7500
Region 5 - Central Valley Region-09/03/97-(916)255-3000
Region 6 - Lohontan Region-7/24/97-(916)542-5400
Region 6B - Victorville Region-01/22/97-(619)241-6583
Region 7 - CO River Basin Region-08/01/97-(619)346-7491
Region 8 - Santa Ana Region-09/30/97-(909)782-4130
Region 9 - San Diego Region-06/17/97-(619)467-2952

LUST
Date of Data: 03/17/94
Release Date: 03/21/94
Date on System: 04/17/98
CA State Water Resources Control Board

800/327-9337

California Underground Storage Tank Report

The California Underground Storage Tank Report, commonly known as the SWEEPS Report, is a comprehensive listing of all registered underground storage tanks located within the State of California. The Underground Storage Tank Report also includes data from the following counties: San Mateo, Los Angeles, Ventura, and Orange. The dates for the information are as follows:
Orange County - 8/29/97
Los Angeles County - 9/30/97
San Mateo County - 7/1/97

Ventura County - 9/25/97
San Bernardino County - 1/28/98
Placer County - 1/20/98
Riverside County - 1/14/98
Sacramento County - 2/2/98
Marin County - 9/30/97
Kern County - 1/21/98
Contra Costa County - 2/11/98

SWF

Date of Data: 03/01/98
Release Date: 03/01/98
Date on System: 04/10/98
CA Intergrated Waste Management Board
Solid Waste Information System Program
916/255-2330

California Solid Waste Information System

The California Solid Waste Information System Report, commonly known as the SWIS Report, contains information pertaining to all permitted and unpermitted active and inactive solid waste landfills, proposed disposal sites, transfer stations, and materials recovery facilities located within the State of California.

HWS

Date of Data: 10/03/97
Release Date: 10/03/97
Date on System: 12/05/97
CA Dept. of Toxic Substances Control
Site Mitigation Branch/CalSites
916/323-3400

California Calsites

The California CalSites Report contains information pertaining to potentially contaminated 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. Of the 26,000+ sites listed within CalSites, approximately 16,000 sites are listed as "No Further Action". Further, only about 300+ sites listed within the CalSites database are confirmed and active hazardous substance release sites.

NFRAP

Date of Data: 01/08/98
Release Date: 01/27/98
Date on System: 02/13/98
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), also known as the CERCLIS Archive, contains information pertaining to sites which have been removed from the U.S. EPA's CERCLIS Database. NFRAP sites may be sites where, following an initial investigation, either 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.

FINDS

Date of Data: 12/01/97
Release Date: 02/01/98
Date on System: 04/10/98
US Environmental Protection Agency
Office of Information Resources Management
202/260-1786

Facility Index System

The FINDS Report is a computerized inventory of all facilities that are regulated or tracked by the U.S. Environmental Protection Agency. These facilities are assigned a unique identification number which serves as a cross-reference for other databases in the EPA's Program System. Each FINDS record indicates the EPA Program Office which is responsible for the tracking of the facility.

NUCLEAR

Date of Data: 03/18/96
Release Date: 03/21/96
Date on System: 11/15/96
US Nuclear Regulatory Commission
Permits Section
301/415-7876

Nuclear Power Facilities

The Nuclear Report is a comprehensive listing of all facilities which have been issued permits for the handling of radioactive materials. In addition, the Nuclear Report contains a complete listing of all licensed and active nuclear power plants located within the United States.

ENVIRONMENTAL RISK INFORMATION & IMAGING SERVICES
DATABASE REFERENCE GUIDE

TRI

Date of Data: 12/31/94
Release Date: 08/01/96
Date on System: 01/24/97
US Environmental Protection Agency
Office of Pollution Prevention and Toxics
202/260-1531

Toxic Release Inventory System of 1994

The TRI Report contains information concerning the industrial release and/or transfer of toxic chemicals as reportable under Title III of the Superfund Amendments And Reauthorization Act Of 1986 (SARA Title III).

CORTS

Date of Data: 12/01/94
Release Date: 01/01/95
Date on System: 06/27/97
CA Dept. of Toxic Substances Control
Hazardous Materials Data Management Program
916/445-6532

California Cortese List

The California Cortese List, also known as the Hazardous Waste and Substances Sites List, contains summary information pertaining to contaminated sites in the State of California. Contaminated wells, leaking underground storage tanks, and sanitary landfills are among the facilities contained on the Cortese List. Information for this report was extracted from the California Facility Inventory Data System (FIDS) List.

HWIS

Date of Data: 01/01/97
Release Date: 01/01/98
Date on System: 04/17/98
CA Dept. of Toxic Substances Control

800/618-6942

California Hazardous Waste Information System

The California Hazardous Waste Information System, also known as HAZNT, contains summary information pertaining to facilities that are required to report their hazardous waste activities with the California EPA under a state waiver of the Resource Conservation and Recovery Act (RCRA).

MSITES

Date of Data: 08/08/97
Release Date: 08/14/97
Date on System: 10/10/97
San Diego Department of Envt'l. Health

619/338-2268

San Diego County Regulatory Data Report

The San Diego County Regulatory Data Report contains summary information pertaining to sites/facilities which are tracked by the San Diego County Department of Environmental Health. Facilities tracked by this system include: Waste Discharger System facilities, sites with Leaking Underground Storage Tanks, facilities which have filed Spill Reports, facilities undergoing Enforcement Activities, Non-Point Source Polluters, etc... Facilities listed within the HE-58 List, the HE-17 List, and the Unauthorized Release List are included within the MSITES Report.

SPILLS

Date of Data: 03/01/98
Release Date: 03/01/98
Date on System: 04/10/98
CA Water Quality Control Board(s)

510/286-0457

California Spills, Leaks, Investigations and Cleanups Report

The California Spills Report contains information pertaining to all reported spills, leaks, investigations and cleanups (SLIC) within the State of California. ERIIS has obtained the SLIC information from the Regional Water Quality Control Boards. The San Diego, Lahontan, and Colorado River Basin Regions do not have a SLIC Report. The dates of the information for each of the regions are as follows:

Region 1 - North Coast Region - 10/2/97 - (707) 576-2220
Region 2 San Francisco Bay Region - 7/29/97 - (510) 286-0457
Region 2b - North & South Bay Counties - 4/10/97 - (510) 286-1255
Region 3 - Central Coast Region - 8/20/97 - (805) 549-3147
Region 4 - Los Angeles Region - 9/01/97 - (213) 266-7500
Region 5 - Central Valley Region - 10/01/97 - (916) 255-3075
Region 8 - Santa Ana Region - 10/31/97 - (909) 782-4499

SWAT

Date of Data: 10/15/97
Release Date: 10/21/97
Date on System: 11/07/97
CA State Water Resources Control Board
Environmental Database Consulting
916/227-4448

California Solid Waste Assessment Test

The California Solid Waste Assessment Test Report contains information pertaining to solid waste landfills from which there is known migration of hazardous waste. Information for this report was extracted from the California Waste Management Unit Data System (WMUDS).

WDS

Date of Data: 03/09/98
Release Date: 03/09/98
Date on System: 04/17/98
CA State Water Resources Control Board
Information Services Office
916/657-1571

California Waste Discharger System

The California Waste Discharger System Report contains information pertaining to all active and regulated facilities that have been issued National Pollution Discharge Elimination System (NPDES) permits for the release of waste water or hazardous waste into either an injection well or surface water. In addition, the WDS Report contains information concerning the locations of Publicly Owned Treatment Works (POTW) facilities.

RCRIS_CA

Date of Data: 01/01/98
Release Date: 02/02/98
Date on System: 03/06/98
US Environmental Protection Agency
Office of Solid Waste and Emergency Response
800/424-9346

Resource Conservation and Recovery Information System - TSD's Subject to Corrective Action

The RCRIS_CA Report contains information pertaining to hazardous waste treatment, storage , and disposal Facilities (RCRA TSD's) which have conducted, or are currently conducting, a corrective action(s) as regulated under the Resource Conservation and Recovery Act. The following information is included within the RCRIS_CA Report:
- Information pertaining to the status of facilities tracked by the RCRA Administrative Action Tracking System (RAATS)
- Inspections & evaluations conducted by federal and state agencies
- All reported facility violations, the environmental statute(s) violated, and any proposed & actual penalties
- Information pertaining to corrective actions undertaken by the facility or EPA
- A complete listing of EPA regulated hazardous wastes which are generated or stored on-site

If a selected database does not appear on this list, it is not available for the subject property's state.

Summary of Plottable sites

ERIIS Report #239972A

Apr 21, 1998

ERIIS ID. DATABASE	FACILITY ADDRESS COMMENTS	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
	0 - 1/4 Miles			
06039000100 NFRAP	Calmac Chemical End Of Weeks St E Palo Alto, CA 94303 County: Santa Clara	0.12 Mi	NORTHWEST	1
06003038588 FINDS	Calmac Chemical End Of Weeks St E Palo Alto, CA 94303 County: Santa Clara	0.12 Mi	NORTHWEST	
06021002315 SPILLS	Cal-mac (bankrupt) 1175 Weeks St East Palo Alto, CA 94303-1343 County: San Mateo	0.16 Mi	NORTHWEST	2
06055003491 HWIS	Shell Development Company 1175 Weeks St East Palo Alto, CA 94303-1343 County: San Mateo	0.16 Mi	NORTHWEST	2
06055007813 HWIS	1x Gene Lopez Residence 1103 Weeks St East Palo Alto, CA 94303-1343 County: San Mateo	0.20 Mi	NORTHWEST	3
06010033611 RST	Lopez Residence 1103 Weeks St East Palo Alto, CA 94303-1343 County: San Mateo	0.20 Mi	NORTHWEST	3
06010039611 RST	Nursery 1054 Weeks St East Palo Alto, CA 94303-1340 County: San Mateo	0.25 Mi	NORTHWEST	4
06025013704 CORTS	R E Borrmann's 2450 Pulgas Ave East Palo Alto, CA 94303-1321 County: San Mateo	0.25 Mi	NORTHWEST	5
06005018859 LRST	R E Borrmann's 2450 Pulgas Ave East Palo Alto, CA 94303-1321 County: San Mateo	0.25 Mi	NORTHWEST	5
06010044575 RST	R E Borrmann's Steel Company 2450 Pulgas Ave East Palo Alto, CA 94303-1321 County: San Mateo	0.25 Mi	NORTHWEST	5
	1/4 - 1/2 Miles			
06005018372 RST	Pitcher Drilling 2447 Pulgas Ave East Palo Alto, CA 94303-1322 County: San Mateo	0.26 Mi	NORTHWEST	6
06010043305 ST	Pitcher Drilling Company 2447 Pulgas Ave East Palo Alto, CA 94303-1322 County: San Mateo	0.26 Mi	NORTHWEST	6
06010022844 ST	Garcia Well & Pump Co 1045 Weeks St East Palo Alto, CA 94303-1341 County: San Mateo	0.27 Mi	NORTHWEST	7
06025013705 CORTS	Beck & Hiller 2479 Pulgas Ave East Palo Alto, CA 94303-1322 County: San Mateo	0.33 Mi	NORTHWEST	8

Summary of Plottable sites

ERIIS Report #239972A

Apr 21, 1998

ERIIS ID. DATABASE	FACILITY ADDRESS COMMENTS	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06005017979 LRST	Peck & Hiller 2479 Pulgas Ave East Palo Alto, CA 94303-1322 County: San Mateo	0.33 Mi	NORTHWEST	8
06010042425 RST	Peck & Hiller Company 2483 Pulgas Ave East Palo Alto, CA 94303-1322 County: San Mateo	0.33 Mi	NORTHWEST	9
06010042426 RST	Peck And Hiller Company 2479 Pulgas Ave East Palo Alto, CA 94303-1322 County: San Mateo	0.33 Mi	NORTHWEST	8
06009002355 TRI	Catalytica Fine Chemicals 1990 Bay Rd East Palo Alto, CA 94303-1313 County: San Mateo	0.35 Mi	NORTHWEST	10
06021002316 SPILLS	Rhone Poulenc/sandoz 1990 Bay Rd East Palo Alto, CA 94303-1313 County: San Mateo	0.35 Mi	NORTHWEST	10
06001000226 CERCLIS	Rhone-poulenc, Inc./zoecon Corp 1990 Bay Rd East Palo Alto, CA 94303-1313 County: San Mateo	0.35 Mi	NORTHWEST	10
06009002362 TRI	Sandoz Agro Inc. 1990 Bay Rd East Palo Alto, CA 94303-1313 County: San Mateo	0.35 Mi	NORTHWEST	10
06040008062 HWS	Zoecon/rhone-poulenec 1990 Bay Rd East Palo Alto, CA 94303 County: San Mateo	0.35 Mi	NORTHWEST	10
06042002718 SWF	Bay Road 2100 Bay Rd East Palo Alto, CA 94303-1317 County: San Mateo	0.37 Mi	NORTHWEST	12
06005018303 LRST	Picka & Save Auto Wreckers 1985 Bay Rd East Palo Alto, CA 94303-1314 County: San Mateo	0.37 Mi	NORTHWEST	11
06021002697 SPILLS	Picka & Save Auto Wreckers 1985 Bay Rd East Palo Alto, CA 94303-1314 County: San Mateo	0.37 Mi	NORTHWEST	11
06039001663 NFRAP	Romic Chem Corp 2081 Bay Rd East Palo Alto, CA 94303-1316 County: San Mateo	0.38 Mi	NORTHWEST	13
06040008054 HWS	Romic Chemical Corporation 2081 Bay Rd East Palo Alto, CA 94303 County: San Mateo	0.38 Mi	NORTHWEST	13
06071000050 CRIS_CA	Romic Environmentaltechnologies Corp 2081 Bay Rd East Palo Alto, CA 94303-1316 County: San Mateo	0.38 Mi	NORTHWEST	13

Summary of Plottable sites

ERIIS Report #239972A

Apr 21, 1998

ERIIS ID. DATABASE	FACILITY ADDRESS COMMENTS	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06025013706 CORTS	Iwasaki Nursery 2519 Pulgas Ave East Palo Alto, CA 94303-1324 County: San Mateo	0.41 Mi	NORTHWEST	14
06005012595 LRST	Iwasaki Nursery 2519 Pulgas Ave East Palo Alto, CA 94303-1324 County: San Mateo	0.41 Mi	NORTHWEST	14
06010049016 RST	Sat Iwasaki 2519 Pulgas Ave East Palo Alto, CA 94303-1324 County: San Mateo	0.41 Mi	NORTHWEST	14
06010049017 RST	Sat Iwasaki Nursery Inc 2519 Pulgas Ave East Palo Alto, CA 94303-1324 County: San Mateo	0.41 Mi	NORTHWEST	14
06010097310 RST	Anderson Sheet Metal Inc 2536 Pulgas Ave East Palo Alto, CA 94303-1323 County: San Mateo	0.42 Mi	NORTHWEST	15
06009002361 TRI	Asm 2536 Pulgas Ave East Palo Alto, CA 94303-1323 County: San Mateo	0.42 Mi	NORTHWEST	15
06010055926 RST	Touchatt Trucking 2535 Pulgas Ave East Palo Alto, CA 94303-1324 County: San Mateo	0.43 Mi	NORTHWEST	16
06025013707 CORTS	Touchatt Trucking 2535 Pulgas Ave East Palo Alto, CA 94303-1324 County: San Mateo	0.43 Mi	NORTHWEST	16
06005024325 LRST	Touchatt Trucking 2535 Pulgas Ave East Palo Alto, CA 94303-1324 County: San Mateo	0.43 Mi	NORTHWEST	16
06010032664 RST	Lee's Backhoe Service 1800 Bay Rd East Palo Alto, CA 94303-1311 County: San Mateo	0.46 Mi	NORTHWEST	17
06010097304 RST	Lees Backhoe Service 1800 Bay Rd East Palo Alto, CA 94303-1311 County: San Mateo	0.46 Mi	NORTHWEST	17
06040008128 HWS	Product A Manufacturing Company 1804 Bay Rd East Palo Alto, CA 94303 County: San Mateo	0.46 Mi	NORTHWEST	17
06021001138 SPILLS	Electrite 1805 Bay Rd East Palo Alto, CA 94303-1312 County: San Mateo	0.47 Mi	NORTHWEST	18
06039000270 FRAP	Electrite Co Inc 1805 Bay Rd Palo Alto, CA 94303-1312 County: San Mateo	0.47 Mi	NORTHWEST	18

Summary of Plottable sites

ERIIS Report #239972A

Apr 21, 1998

ERIIS ID. DATABASE	FACILITY ADDRESS COMMENTS	DISTANCE FROM SITE	DIRECTION FROM SITE	MAP ID
06040008102 HWS	Electrite Company, Inc 1805 Bay Rd East Palo Alto, CA 94303 County: San Mateo	0.47 Mi	NORTHWEST	18
06001000532 CERCLIS	Ravenswood Industrial Area Bay Rd At Illinois St East Palo Alto, CA 94303 County: San Mateo	0.50 Mi	NORTHWEST	19
	1/2 - 1 Miles			
06040008086 HWS	J & J Fabricators 255 Demeter St East Palo Alto, CA 94303 County: San Mateo	0.65 Mi	NORTHWEST	20

ERIIS ENVIRONMENTAL DATA REPORT
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY INFORMATION SYSTEM
CERCLIS - PLOTTABLE SITES - PAGE 1

ERIIS Report #239972A Apr 21, 1998

ERIIS ID / EPA ID	FACILITY	ADDRESS	MAP ID
)6001000226	Rhone-poulenc, Inc./zoecon Corp	1990 Bay Rd	10
CAT000611350	DISTANCE FROM SITE: 0.35 Miles	East Palo Alto, CA 94303-1313	
	DIRECTION FROM SITE: Northwest	County: San Mateo	

PRIOR YEAR OBLIGATION: $ 517
CURRENT YEAR OUTLAYED: $ 0

SITE EVENT(S)	START DATE	COMPLETION DATE
Hazard Ranking Determined		08/01/84
Screening Site Inspection	03/01/82	08/01/84
Screening Site Inspection	03/01/82	08/01/84
Discovery		08/01/80
Preliminary Assessment		07/01/84
Proposal To Npl		10/15/84
Removed From The Proposed Npl		10/04/89
Removal Investigation	09/19/90	09/19/90
Screening Site Inspection		10/11/91
Combined Ri/fs	08/27/87	03/04/92
Management Assistance	04/30/89	
Management Assistance	09/15/89	
Record Of Decision		03/04/92
Administrative Record		
Baseline Risk Assessment	09/15/90	

DESCRIPTION: Zoecon Corp In E Palo Alto Covers 5.0 Acres Surrounded By Resid & Indus Areas. Rhone -poulenc The Previous Owner, Mfg'dpesticides Containing Arsenic.zoecon Purchas Ed Site In

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06001000532	Ravenswood Industrial Area	Bay Rd At Illinois St	19
A0001318245	DISTANCE FROM SITE: 0.50 Miles	East Palo Alto, CA 94303	
	DIRECTION FROM SITE: Northwest	County: San Mateo	

PRIOR YEAR OBLIGATION: No Funding Indicated
CURRENT YEAR OUTLAYED: No Funding Indicated

SITE EVENT(S)	START DATE	COMPLETION DATE

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

ERIIS Report #239972A Apr 21, 1998

ERIIS ID	FACILITY	ADDRESS	MAP ID
06005018859	R E Borrmann's DISTANCE FROM SITE: 0.25 Miles DIRECTION FROM SITE: Northwest	2450 Pulgas Ave East Palo Alto, CA 94303-1321 COUNTY: San Mateo	5

CASE NO.: 41-0433
REPORT DATE: Not Reported
CASE TYPE: Not Reported
CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
LEAK BEING CONFIRMED:
LEAK CAUSE:
STATUS: Pollution Characterization
SUBSTANCE: Not Reported
ABATEMENT METHOD: Not Reported
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
PRELIMINARY SITE ASSESSMENT UNDERWAY:
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

ERIIS ID	FACILITY	ADDRESS	MAP ID
)6005018372	Pitcher Drilling DISTANCE FROM SITE: 0.26 Miles DIRECTION FROM SITE: Northwest	2447 Pulgas Ave East Palo Alto, CA 94303-1322 COUNTY: San Mateo	6

CASE NO.: 890012
REPORT DATE: 02/10/94
CASE TYPE: Soil Only
CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
LEAK BEING CONFIRMED: 02/02/96
LEAK CAUSE: Unknown
STATUS: Leak Being Confirmed
SUBSTANCE: Not Reported
ABATEMENT METHOD: Not Reported
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
PRELIMINARY SITE ASSESSMENT UNDERWAY:
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

CASE NO.: 41-0809
REPORT DATE: Not Reported
CASE TYPE: Not Reported
CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
LEAK BEING CONFIRMED:
LEAK CAUSE:
STATUS: Leak Being Confirmed
SUBSTANCE: Not Reported
ABATEMENT METHOD: Not Reported
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
PRELIMINARY SITE ASSESSMENT UNDERWAY:
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

ERIIS ID	FACILITY	ADDRESS	MAP ID
5005017979	Peck & Hiller DISTANCE FROM SITE: 0.33 Miles DIRECTION FROM SITE: Northwest	2479 Pulgas Ave East Palo Alto, CA 94303-1322 COUNTY: San Mateo	8

CASE NO.: 41-0405
REPORT DATE: Not Reported
CASE TYPE: Not Reported
CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
LEAK BEING CONFIRMED:
LEAK CAUSE:
STATUS: Preliminary Site Assessment Underway
SUBSTANCE: Not Reported
ABATEMENT METHOD: Not Reported
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
PRELIMINARY SITE ASSESSMENT UNDERWAY:
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

ERIIS ID	FACILITY	ADDRESS	MAP ID
005018303	Picka & Save Auto Wreckers DISTANCE FROM SITE: 0.37 Miles DIRECTION FROM SITE: Northwest	1985 Bay Rd East Palo Alto, CA 94303-1314 COUNTY: San Mateo	11

CASE NO.: 41-0988
REPORT DATE: Not Reported
CASE TYPE: Not Reported
CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
LEAK BEING CONFIRMED:
LEAK CAUSE:
STATUS: Leak Being Confirmed
SUBSTANCE: Not Reported
ABATEMENT METHOD: Not Reported
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
PRELIMINARY SITE ASSESSMENT UNDERWAY:
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

ERIIS ID	FACILITY	ADDRESS	MAP ID
005012595	Iwasaki Nursery DISTANCE FROM SITE: 0.41 Miles DIRECTION FROM SITE: Northwest	2519 Pulgas Ave East Palo Alto, CA 94303-1324 COUNTY: San Mateo	14

ERIIS Report #239972A Apr 21, 1998

ERIIS ID	FACILITY	ADDRESS	MAP ID
	CASE NO.: 890010	STATUS: Leak Being Confirmed	
	REPORT DATE: 11/16/92	SUBSTANCE: Not Reported	
	CASE TYPE: Other	ABATEMENT METHOD: Excavate And Treat	
	CASE CLOSED:	POLLUTION CHARACTERIZATION:	
	REMEDIAL ACTION:	POST REMEDIAL ACTION MONITORING:	
	REMEDIATION PLAN:	PRELIMINARY SITE ASSESSMENT UNDERWAY:	
	LEAK BEING CONFIRMED: 08/28/96	PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
	LEAK CAUSE: Structure Failure		
	CASE NO.: 41-0149	STATUS: Leak Being Confirmed	
	REPORT DATE: Not Reported	SUBSTANCE: Not Reported	
	CASE TYPE: Not Reported	ABATEMENT METHOD: Not Reported	
	CASE CLOSED:	POLLUTION CHARACTERIZATION:	
	REMEDIAL ACTION:	POST REMEDIAL ACTION MONITORING:	
	REMEDIATION PLAN:	PRELIMINARY SITE ASSESSMENT UNDERWAY:	
	LEAK BEING CONFIRMED:	PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
	LEAK CAUSE:		
26005024325	Touchatt Trucking	2535 Pulgas Ave	16
	DISTANCE FROM SITE: 0.43 Miles	East Palo Alto, CA 94303-1324	
	DIRECTION FROM SITE: Northwest	COUNTY: San Mateo	
	CASE NO.: 41-0572	STATUS: Case Closed	
	REPORT DATE: Not Reported	SUBSTANCE: Not Reported	
	CASE TYPE: Not Reported	ABATEMENT METHOD: Not Reported	
	CASE CLOSED:	POLLUTION CHARACTERIZATION:	
	REMEDIAL ACTION:	POST REMEDIAL ACTION MONITORING:	
	REMEDIATION PLAN:	PRELIMINARY SITE ASSESSMENT UNDERWAY:	
	LEAK BEING CONFIRMED:	PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:	
	LEAK CAUSE:		

ERIIS Report #239972A Apr 21, 1998

ERIIS ID	FACILITY	ADDRESS	MAP ID
06010033611	Lopez Residence DISTANCE FROM SITE: 0.20 Miles DIRECTION FROM SITE: Northwest	1103 Weeks St East Palo Alto, CA 94303-1343 COUNTY: San Mateo	3

BUSINESS DESCRIPTION: Gen Undergrnd Tank MANAGER: Not Reported (415) 323-5627
NUMBER OF TANKS: 1

CAPACITY: 500 G TANK DESCRIPTION: Single Wall
SUBSTANCE: Regular Unleaded TANK MATERIAL: Bare Steel
STATUS: Inactive

06010039611	Nursery DISTANCE FROM SITE: 0.25 Miles DIRECTION FROM SITE: Northwest	1054 Weeks St East Palo Alto, CA 94303-1340 COUNTY: San Mateo	4

BUSINESS DESCRIPTION: Not Supplied MANAGER: Not Reported (415) 323-0352
NUMBER OF TANKS: 1

CAPACITY: 500 G TANK DESCRIPTION: Single Wall
SUBSTANCE: Regular Unleaded TANK MATERIAL: Bare Steel
STATUS: Inactive

06010044575	R E Borrmann's Steel Company DISTANCE FROM SITE: 0.25 Miles DIRECTION FROM SITE: Northwest	2450 Pulgas Ave East Palo Alto, CA 94303-1321 COUNTY: San Mateo	5

BUSINESS DESCRIPTION: Not Supplied MANAGER: Not Reported
NUMBER OF TANKS: Not

CAPACITY: 0 TANK DESCRIPTION: Not Reported
SUBSTANCE: Not Reported TANK MATERIAL: Not Reported
STATUS: Not Reported

6010043305	Pitcher Drilling Company DISTANCE FROM SITE: 0.26 Miles DIRECTION FROM SITE: Northwest	2447 Pulgas Ave East Palo Alto, CA 94303-1322 COUNTY: San Mateo	6

BUSINESS DESCRIPTION: Not Supplied MANAGER: Richard Lake (415) 328-8910
NUMBER OF TANKS: 1

CAPACITY: 2086 G TANK DESCRIPTION: Single Wall
SUBSTANCE: Regular Unleaded TANK MATERIAL: Fiberglass
STATUS: Active

06010022844	Garcia Well & Pump Co DISTANCE FROM SITE: 0.27 Miles DIRECTION FROM SITE: Northwest	1045 Weeks St East Palo Alto, CA 94303-1341 COUNTY: San Mateo	7

BUSINESS DESCRIPTION: Not Supplied MANAGER: Not Reported (415) 322-2803
NUMBER OF TANKS: Not

CAPACITY: 0 TANK DESCRIPTION: Not Reported
SUBSTANCE: Not Reported TANK MATERIAL: Not Reported
STATUS: Not Reported

06010042425	Peck & Hiller Company DISTANCE FROM SITE: 0.33 Miles DIRECTION FROM SITE: Northwest	2483 Pulgas Ave East Palo Alto, CA 94303-1322 COUNTY: San Mateo	9

BUSINESS DESCRIPTION: Not Supplied MANAGER: Not Reported (415) 964-5800
NUMBER OF TANKS: Not

CAPACITY: 0 TANK DESCRIPTION: Not Reported
SUBSTANCE: Not Reported TANK MATERIAL: Not Reported
STATUS: Not Reported

ERIIS Report #239972A Apr 21, 1998

ERIIS ID	FACILITY	ADDRESS	MAP ID
06010042426	Peck And Hiller Company DISTANCE FROM SITE: 0.33 Miles DIRECTION FROM SITE: Northwest	2479 Pulgas Ave East Palo Alto, CA 94303-1322 COUNTY: San Mateo	8

BUSINESS DESCRIPTION: Gen Undergrnd Tank
MANAGER: Not Reported (415) 325-6539
NUMBER OF TANKS: 1

CAPACITY: 2000 G
SUBSTANCE: Regular Unleaded
STATUS: Removed
TANK DESCRIPTION: Single Wall
TANK MATERIAL: Bare Steel

06010049016	Sat Iwasaki DISTANCE FROM SITE: 0.41 Miles DIRECTION FROM SITE: Northwest	2519 Pulgas Ave East Palo Alto, CA 94303-1324 COUNTY: San Mateo	14

BUSINESS DESCRIPTION: Agri/frm Tnk-cat 1
MANAGER: Sat Iwasaki (415) 323-3787
NUMBER OF TANKS: 2

CAPACITY: 1000 G
SUBSTANCE: Regular Unleaded
STATUS: Active
TANK DESCRIPTION: Single Wall
TANK MATERIAL: Bare Steel

CAPACITY: 10000 G
SUBSTANCE: Petroleum
STATUS: Active
TANK DESCRIPTION: Single Wall
TANK MATERIAL: Bare Steel

06010049017	Sat Iwasaki Nursery Inc DISTANCE FROM SITE: 0.41 Miles DIRECTION FROM SITE: Northwest	2519 Pulgas Ave East Palo Alto, CA 94303-1324 COUNTY: San Mateo	14

BUSINESS DESCRIPTION: Not Supplied
MANAGER: Not Reported (415) 323-3787
NUMBER OF TANKS: Not

CAPACITY: 0
SUBSTANCE: Not Reported
STATUS: Not Reported
TANK DESCRIPTION: Not Reported
TANK MATERIAL: Not Reported

06010097310	Anderson Sheet Metal Inc DISTANCE FROM SITE: 0.42 Miles DIRECTION FROM SITE: Northwest	2536 Pulgas Ave East Palo Alto, CA 94303-1323 COUNTY: San Mateo	15

BUSINESS DESCRIPTION: Not Reported
MANAGER: Not Reported
NUMBER OF TANKS: Not

CAPACITY:
SUBSTANCE: Not Reported
STATUS: Not Reported
TANK DESCRIPTION: Not Reported
TANK MATERIAL: Not Reported

06010055926	Touchatt Trucking DISTANCE FROM SITE: 0.43 Miles DIRECTION FROM SITE: Northwest	2535 Pulgas Ave East Palo Alto, CA 94303-1324 COUNTY: San Mateo	16

BUSINESS DESCRIPTION: Not Supplied
MANAGER: Not Reported
NUMBER OF TANKS: Not

CAPACITY: 0
SUBSTANCE: Not Reported
STATUS: Not Reported
TANK DESCRIPTION: Not Reported
TANK MATERIAL: Not Reported

06010032664	Lee's Backhoe Service DISTANCE FROM SITE: 0.46 Miles DIRECTION FROM SITE: Northwest	1800 Bay Rd East Palo Alto, CA 94303-1311 COUNTY: San Mateo	17

BUSINESS DESCRIPTION: Gen Undergrnd Tank
MANAGER: Lee Clemons (415) 327-5024
NUMBER OF TANKS: 2

CAPACITY: 1000 G
SUBSTANCE: Premium Unleaded
STATUS: Active
TANK DESCRIPTION: Single Wall
TANK MATERIAL: Bare Steel

ERIIS Report #239972A Apr 21, 1998

ERIIS ID	FACILITY	ADDRESS	MAP ID
	CAPACITY: 1000 G	TANK DESCRIPTION: Single Wall	
	SUBSTANCE: Not Reported	TANK MATERIAL: Bare Steel	
	STATUS: Active		
06010097304	Lees Backhoe Service	1800 Bay Rd	17
	DISTANCE FROM SITE: 0.46 Miles	East Palo Alto, CA 94303-1311	
	DIRECTION FROM SITE: Northwest	COUNTY: San Mateo	
BUSINESS DESCRIPTION: Not Reported		MANAGER: Not Reported	
NUMBER OF TANKS: Not			
	CAPACITY:	TANK DESCRIPTION: Not Reported	
	SUBSTANCE: Not Reported	TANK MATERIAL: Not Reported	
	STATUS: Not Reported		

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA SOLID WASTE INFORMATION SYSTEM
SWF - PLOTTABLE SITES - PAGE 1

ERIIS Report #239972A Apr 21, 1998

ERIIS ID / SWIS ID	FACILITY	ADDRESS	MAP ID
)6042002718 41-CR-0005	Bay Road DISTANCE FROM SITE: 0.37 Miles DIRECTION FROM SITE: Northwest	2100 Bay Rd East Palo Alto, CA 94303-1317 COUNTY: San Mateo	12

OWNER: Palo Alto Boat Works
2100 Bay Rd.
E. Palo Alto, CA

OWNER CONTACT:
(414) 325-4535

CLASSIFICATION:
CATEGORY:
ACTIVITY: Solid Waste Disposal Site

REGULATORY STATUS: Pre-regulations
OPERATIONAL STATUS: Closed

ERIIS Report #239972A Apr 21, 1998

ERIIS ID / FACILITY ID	FACILITY	ADDRESS	MAP ID
06040008062 41280121	Zoecon/rhone-poulenec DISTANCE FROM SITE: 0.35 Miles DIRECTION FROM SITE: Northwest	1990 Bay Rd East Palo Alto, CA 94303 COUNTY: San Mateo	10
	CALSITE STATUS DATE: 01/01/91 CALSITE STATUS: Property/site Referred To Rwqcb GROUNDWATER STATUS: Not Reported		
06040008054 41280094	Romic Chemical Corporation DISTANCE FROM SITE: 0.38 Miles DIRECTION FROM SITE: Northwest	2081 Bay Rd East Palo Alto, CA 94303 COUNTY: San Mateo	13
	CALSITE STATUS DATE: 12/18/87 CALSITE STATUS: Property/site Referred To Rcra GROUNDWATER STATUS: Not Reported		
06040008128 41360036	Product A Manufacturing Company DISTANCE FROM SITE: 0.46 Miles DIRECTION FROM SITE: Northwest	1804 Bay Rd East Palo Alto, CA 94303 COUNTY: San Mateo	17
	CALSITE STATUS DATE: // CALSITE STATUS: Preliminary Endangerment Assessment Req - Low GROUNDWATER STATUS: Not Reported		
06040008102 41340028	Electrite Company, Inc DISTANCE FROM SITE: 0.47 Miles DIRECTION FROM SITE: Northwest	1805 Bay Rd East Palo Alto, CA 94303 COUNTY: San Mateo	18
	CALSITE STATUS DATE: 07/29/94 CALSITE STATUS: Property/site Referred To Rwqcb GROUNDWATER STATUS: Not Reported		
06040008086 41330014	J & J Fabricators DISTANCE FROM SITE: 0.65 Miles DIRECTION FROM SITE: Northwest	255 Demeter St East Palo Alto, CA 94303 COUNTY: San Mateo	20
	CALSITE STATUS DATE: // CALSITE STATUS: Preliminary Endangerment Assessment Req - Low GROUNDWATER STATUS: Not Reported		

ERIIS ENVIRONMENTAL DATA REPORT
NO FURTHER REMEDIAL ACTION PLANNED SITES
NFRAP - PLOTTABLE SITES - PAGE 1

ERIIS Report #239972A Apr 21, 1998

ERIIS ID / EPA ID	FACILITY	ADDRESS	MAP ID
06039000100 CAD982358731	Calmac Chemical DISTANCE FROM SITE: 0.12 Miles DIRECTION FROM SITE: Northwest	End Of Weeks St E Palo Alto, CA 94303 COUNTY: Santa Clara	1

SITE EVENT(S)	COMPLETE DATE
Discovery	12/01/87
Preliminary Assessment	12/20/89

ERIIS ID / EPA ID	FACILITY	ADDRESS	MAP ID
06039001663 CAD009452657	Romic Chem Corp DISTANCE FROM SITE: 0.38 Miles DIRECTION FROM SITE: Northwest	2081 Bay Rd East Palo Alto, CA 94303-1316 COUNTY: San Mateo	13

SITE EVENT(S)	COMPLETE DATE
Discovery	11/01/79
Preliminary Assessment	05/01/86
Screening Site Inspection	12/01/86
Screening Site Inspection	11/06/91

ERIIS ID / EPA ID	FACILITY	ADDRESS	MAP ID
06039000270 CAD009119959	Electrite Co Inc DISTANCE FROM SITE: 0.47 Miles DIRECTION FROM SITE: Northwest	1805 Bay Rd Palo Alto, CA 94303-1312 COUNTY: San Mateo	18

SITE EVENT(S)	COMPLETE DATE
Discovery	11/01/87
Preliminary Assessment	11/10/88
Screening Site Inspection	09/21/95

ERIIS ENVIRONMENTAL DATA REPORT
FACILITY INDEX SYSTEM
FINDS - PLOTTABLE SITES - PAGE 1

ERIIS Report #239972A Apr 21, 1998

ERIIS ID / EPA ID	FACILITY	ADDRESS
06003038588 CAD982358731	Calmac Chemical DISTANCE FROM SITE: 0.12 Miles DIRECTION FROM SITE: Northwest	End Of Weeks St E Palo Alto, CA 94303 COUNTY: Santa Clara

SIC CODE(S): Not Reported

TRACKING PROGRAM	LAST UPDATE
CERCLIS	Not Reported

ERIIS Report #239972A Apr 21, 1998

ERIIS ID / EPA ID / FACILITY ID	FACILITY	ADDRESS	MAP ID
06009002355	Catalytica Fine Chemicals	1990 Bay Rd	10
CA0000010827	DISTANCE FROM SITE: 0.35 Miles	East Palo Alto, CA 94303-1313	
94303CTLYT1990B	DIRECTION FROM SITE: Northwest	COUNTY: San Mateo	

SIC CODE: 2869 CONTACT: Charles Pickett (415) 324-5816

YEAR: 1994	CHEMICAL: Hydrochloric Acid						
RELEASES (LBS.):	FUGITIVE AIR:	0.0000	STACK AIR:	0.0000	WATER:	0.0000	
	INJECT.:	0.0000	LAND:	0.0000	TOTAL:	0.0000	
TRANSFERS (LBS.):	POTW:	0.0000	OFF-SITE:	0.0000	TOTAL:	0.0000	
YEAR: 1994	CHEMICAL: Sulfuric Acid						
RELEASES (LBS.):	FUGITIVE AIR:	0.0000	STACK AIR:	0.0000	WATER:	0.0000	
	INJECT.:	0.0000	LAND:	0.0000	TOTAL:	0.0000	
TRANSFERS (LBS.):	POTW:	0.0000	OFF-SITE:	0.0000	TOTAL:	0.0000	
YEAR: 1994	CHEMICAL: Methanol						
RELEASES (LBS.):	FUGITIVE AIR:	250.0000	STACK AIR:	250.0000	WATER:	0.0000	
	INJECT.:	0.0000	LAND:	0.0000	TOTAL:	500.0000	
TRANSFERS (LBS.):	POTW:	0.0000	OFF-SITE:	47200.0000	TOTAL:	47200.0000	
YEAR: 1994	CHEMICAL: Toluene						
RELEASES (LBS.):	FUGITIVE AIR:	250.0000	STACK AIR:	250.0000	WATER:	0.0000	
	INJECT.:	0.0000	LAND:	0.0000	TOTAL:	500.0000	
TRANSFERS (LBS.):	POTW:	0.0000	OFF-SITE:	19000.0000	TOTAL:	19000.0000	

06009002362	Sandoz Agro Inc.			1990 Bay Rd			10
CAT000611350	DISTANCE FROM SITE: 0.35 Miles			East Palo Alto, CA 94303-1313			
94303SNDZC1990B	DIRECTION FROM SITE: Northwest			COUNTY: San Mateo			
SIC CODE: 2879	CONTACT: Thomas H. Vanden Bosch (415) 324-5802						
YEAR: 1992	CHEMICAL: Sulfuric Acid						
RELEASES (LBS.):	FUGITIVE AIR:	0.0000	STACK AIR:	0.0000	WATER:	0.0000	
	INJECT.:	0.0000	LAND:	0.0000	TOTAL:	0.0000	
TRANSFERS (LBS.):	POTW:	0.0000	OFF-SITE:	0.0000	TOTAL:	0.0000	
YEAR: 1992	CHEMICAL: Toluene						
RELEASES (LBS.):	FUGITIVE AIR:	0.0000	STACK AIR:	15000.0000	WATER:	0.0000	
	INJECT.:	0.0000	LAND:	0.0000	TOTAL:	15000.0000	
TRANSFERS (LBS.):	POTW:	0.0000	OFF-SITE:	120000.000	TOTAL:	120000.0000	
YEAR: 1992	CHEMICAL: Hydrochloric Acid						
RELEASES (LBS.):	FUGITIVE AIR:	0.0000	STACK AIR:	1.0000	WATER:	0.0000	
	INJECT.:	0.0000	LAND:	0.0000	TOTAL:	1.0000	
TRANSFERS (LBS.):	POTW:	0.0000	OFF-SITE:	0.0000	TOTAL:	0.0000	
YEAR: 1992	CHEMICAL: Methanol						
RELEASES (LBS.):	FUGITIVE AIR:	0.0000	STACK AIR:	1500.0000	WATER:	0.0000	
	INJECT.:	0.0000	LAND:	0.0000	TOTAL:	1500.0000	
TRANSFERS (LBS.):	POTW:	0.0000	OFF-SITE:	408400.000	TOTAL:	408400.0000	
YEAR: 1991	CHEMICAL: Toluene						
RELEASES (LBS.):	FUGITIVE AIR:	14.0000	STACK AIR:	13000.0000	WATER:	0.0000	
	INJECT.:	0.0000	LAND:	0.0000	TOTAL:	13014.0000	
TRANSFERS (LBS.):	POTW:	0.0000	OFF-SITE:	94000.0000	TOTAL:	94000.0000	
YEAR: 1991	CHEMICAL: Methanol						
RELEASES (LBS.):	FUGITIVE AIR:	74.0000	STACK AIR:	940.0000	WATER:	0.0000	
	INJECT.:	0.0000	LAND:	0.0000	TOTAL:	1014.0000	
TRANSFERS (LBS.):	POTW:	0.0000	OFF-SITE:	346800.000	TOTAL:	346800.0000	
YEAR: 1991	CHEMICAL: Hydrochloric Acid						
RELEASES (LBS.):	FUGITIVE AIR:	0.0000	STACK AIR:	0.0000	WATER:	0.0000	
	INJECT.:	0.0000	LAND:	0.0000	TOTAL:	0.0000	
TRANSFERS (LBS.):	POTW:	0.0000	OFF-SITE:	0.0000	TOTAL:	0.0000	

ERIIS Report #239972A

Apr 21, 1998

ERIIS ID
EPA ID
FACILITY ID FACILITY ADDRESS MAP ID

YEAR: 1991 CHEMICAL: Sulfuric Acid
RELEASES (LBS.): FUGITIVE AIR: 0.0000 STACK AIR: 0.0000 WATER: 0.0000
INJECT.: 0.0000 LAND: 0.0000 TOTAL: 0.0000
TRANSFERS (LBS.): POTW: 0.0000 OFF-SITE: 0.0000 TOTAL: 0.0000

YEAR: 1990 CHEMICAL: Sulfuric Acid
RELEASES (LBS.): FUGITIVE AIR: 0.0000 STACK AIR: 0.0000 WATER: 0.0000
INJECT.: 0.0000 LAND: 0.0000 TOTAL: 0.0000
TRANSFERS (LBS.): POTW: 0.0000 OFF-SITE: 0.0000 TOTAL: 0.0000

YEAR: 1990 CHEMICAL: Methanol
RELEASES (LBS.): FUGITIVE AIR: 250.0000 STACK AIR: 951.0000 WATER: 0.0000
INJECT.: 0.0000 LAND: 0.0000 TOTAL: 1201.0000
TRANSFERS (LBS.): POTW: 0.0000 OFF-SITE: 208150.000 TOTAL: 208150.0000

YEAR: 1990 CHEMICAL: Toluene
RELEASES (LBS.): FUGITIVE AIR: 250.0000 STACK AIR: 14000.0000 WATER: 0.0000
INJECT.: 0.0000 LAND: 0.0000 TOTAL: 14250.0000
TRANSFERS (LBS.): POTW: 0.0000 OFF-SITE: 0.0000 TOTAL: 0.0000

YEAR: 1990 CHEMICAL: Hydrochloric Acid
RELEASES (LBS.): FUGITIVE AIR: 0.0000 STACK AIR: 250.0000 WATER: 0.0000
INJECT.: 0.0000 LAND: 0.0000 TOTAL: 250.0000
TRANSFERS (LBS.): POTW: 0.0000 OFF-SITE: 0.0000 TOTAL: 0.0000

YEAR: 1989 CHEMICAL: Methanol
RELEASES (LBS.): FUGITIVE AIR: 250.0000 STACK AIR: 750.0000 WATER: 0.0000
INJECT.: 0.0000 LAND: 0.0000 TOTAL: 1000.0000
TRANSFERS (LBS.): POTW: 0.0000 OFF-SITE: 65973.0000 TOTAL: 65973.0000

YEAR: 1989 CHEMICAL: Sulfuric Acid
RELEASES (LBS.): FUGITIVE AIR: 0.0000 STACK AIR: 0.0000 WATER: 0.0000
INJECT.: 0.0000 LAND: 0.0000 TOTAL: 0.0000
TRANSFERS (LBS.): POTW: 0.0000 OFF-SITE: 0.0000 TOTAL: 0.0000

YEAR: 1989 CHEMICAL: Toluene
RELEASES (LBS.): FUGITIVE AIR: 250.0000 STACK AIR: 4755.0000 WATER: 0.0000
INJECT.: 0.0000 LAND: 0.0000 TOTAL: 5005.0000
TRANSFERS (LBS.): POTW: 0.0000 OFF-SITE: 0.0000 TOTAL: 0.0000

YEAR: 1989 CHEMICAL: Hydrochloric Acid
RELEASES (LBS.): FUGITIVE AIR: 0.0000 STACK AIR: 250.0000 WATER: 0.0000
INJECT.: 0.0000 LAND: 0.0000 TOTAL: 250.0000
TRANSFERS (LBS.): POTW: 0.0000 OFF-SITE: 0.0000 TOTAL: 0.0000

YEAR: 1988 CHEMICAL: Sodium Hydroxide (solution)
RELEASES (LBS.): FUGITIVE AIR: 0.0000 STACK AIR: 0.0000 WATER: 0.0000
INJECT.: 0.0000 LAND: 0.0000 TOTAL: 0.0000
TRANSFERS (LBS.): POTW: 0.0000 OFF-SITE: 49129.0000 TOTAL: 49129.0000

YEAR: 1988 CHEMICAL: Sulfuric Acid
RELEASES (LBS.): FUGITIVE AIR: 0.0000 STACK AIR: 0.0000 WATER: 0.0000
INJECT.: 0.0000 LAND: 0.0000 TOTAL: 0.0000
TRANSFERS (LBS.): POTW: 0.0000 OFF-SITE: 0.0000 TOTAL: 0.0000

YEAR: 1988 CHEMICAL: Hydrochloric Acid
RELEASES (LBS.): FUGITIVE AIR: 0.0000 STACK AIR: 250.0000 WATER: 0.0000
INJECT.: 0.0000 LAND: 0.0000 TOTAL: 250.0000
TRANSFERS (LBS.): POTW: 0.0000 OFF-SITE: 0.0000 TOTAL: 0.0000

YEAR: 1988 CHEMICAL: Methanol
RELEASES (LBS.): FUGITIVE AIR: 250.0000 STACK AIR: 750.0000 WATER: 0.0000
INJECT.: 0.0000 LAND: 0.0000 TOTAL: 1000.0000
TRANSFERS (LBS.): POTW: 250.0000 OFF-SITE: 79319.0000 TOTAL: 79569.0000

YEAR: 1988 CHEMICAL: Toluene
RELEASES (LBS.): FUGITIVE AIR: 250.0000 STACK AIR: 4720.0000 WATER: 0.0000
INJECT.: 0.0000 LAND: 0.0000 TOTAL: 4970.0000
TRANSFERS (LBS.): POTW: 0.0000 OFF-SITE: 0.0000 TOTAL: 0.0000

ERIIS Report #239972A Apr 21, 1998

ERIIS ID / EPA ID / FACILITY ID	FACILITY	ADDRESS	MAP ID

YEAR: 1987 CHEMICAL: Hydrochloric Acid

RELEASES (LBS.):	FUGITIVE AIR:	250.0000	STACK AIR:	250.0000	WATER:	0.0000	
	INJECT.:	0.0000	LAND:	0.0000	TOTAL:	500.0000	
TRANSFERS (LBS.):	POTW:	0.0000	OFF-SITE:	0.0000	TOTAL:	0.0000	

YEAR: 1987 CHEMICAL: Toluene

RELEASES (LBS.):	FUGITIVE AIR:	250.0000	STACK AIR:	4300.0000	WATER:	0.0000	
	INJECT.:	0.0000	LAND:	0.0000	TOTAL:	4550.0000	
TRANSFERS (LBS.):	POTW:	0.0000	OFF-SITE:	9500.0000	TOTAL:	9500.0000	

YEAR: 1987 CHEMICAL: Sodium Sulfate (solution)

RELEASES (LBS.):	FUGITIVE AIR:	0.0000	STACK AIR:	0.0000	WATER:	0.0000	
	INJECT.:	0.0000	LAND:	0.0000	TOTAL:	0.0000	
TRANSFERS (LBS.):	POTW:	0.0000	OFF-SITE:	170500.000	TOTAL:	170500.0000	

YEAR: 1987 CHEMICAL: Methanol

RELEASES (LBS.):	FUGITIVE AIR:	250.0000	STACK AIR:	750.0000	WATER:	0.0000	
	INJECT.:	0.0000	LAND:	0.0000	TOTAL:	1000.0000	
TRANSFERS (LBS.):	POTW:	750.0000	OFF-SITE:	99942.0000	TOTAL:	100692.0000	

YEAR: 1987 CHEMICAL: Sodium Hydroxide (solution)

RELEASES (LBS.):	FUGITIVE AIR:	0.0000	STACK AIR:	0.0000	WATER:	0.0000	
	INJECT.:	0.0000	LAND:	0.0000	TOTAL:	0.0000	
TRANSFERS (LBS.):	POTW:	0.0000	OFF-SITE:	51460.0000	TOTAL:	51460.0000	

YEAR: 1987 CHEMICAL: Sulfuric Acid

RELEASES (LBS.):	FUGITIVE AIR:	0.0000	STACK AIR:	0.0000	WATER:	0.0000	
	INJECT.:	0.0000	LAND:	0.0000	TOTAL:	0.0000	
TRANSFERS (LBS.):	POTW:	0.0000	OFF-SITE:	0.0000	TOTAL:	0.0000	

6009002361	Asm	2536 Pulgas Ave	15
CAT080013105	DISTANCE FROM SITE: 0.42 Miles	East Palo Alto, CA 94303-1323	
94303SM 2536P	DIRECTION FROM SITE: Northwest	COUNTY: San Mateo	

SIC CODE: 3444 CONTACT: Marc M Fichou (415) 325-2891

YEAR: 1987 CHEMICAL: Aluminum (fume Or Dust)

RELEASES (LBS.):	FUGITIVE AIR:	750.0000	STACK AIR:	0.0000	WATER:	0.0000	
	INJECT.:	0.0000	LAND:	0.0000	TOTAL:	750.0000	
TRANSFERS (LBS.):	POTW:	250.0000	OFF-SITE:	0.0000	TOTAL:	250.0000	

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA CORTESE LIST
CORTS - PLOTTABLE SITES - PAGE 1

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Apr 21, 1998

ERIIS ID	FACILITY	ADDRESS	MAP ID
06025013704	R E Borrmann's DISTANCE FROM SITE: 0.25 Miles DIRECTION FROM SITE: Northwest REGULATED BY: Ltnka	2450 Pulgas Ave East Palo Alto, CA 94303-1321 COUNTY: San Mateo	5
06025013705	Beck & Hiller DISTANCE FROM SITE: 0.33 Miles DIRECTION FROM SITE: Northwest REGULATED BY: Ltnka	2479 Pulgas Ave East Palo Alto, CA 94303-1322 COUNTY: San Mateo	8
06025013706	Iwasaki Nursery DISTANCE FROM SITE: 0.41 Miles DIRECTION FROM SITE: Northwest REGULATED BY: Ltnka	2519 Pulgas Ave East Palo Alto, CA 94303-1324 COUNTY: San Mateo	14
06025013707	Touchatt Trucking DISTANCE FROM SITE: 0.43 Miles DIRECTION FROM SITE: Northwest REGULATED BY: Ltnka	2535 Pulgas Ave East Palo Alto, CA 94303-1324 COUNTY: San Mateo	16

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA HAZARDOUS WASTE INFORMATION SYSTEM
HWIS - PLOTTABLE SITES - PAGE 1

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ERIIS ID / EPA ID	FACILITY	ADDRESS	MAP ID
)6055003491 CAC000714984	Shell Development Company DISTANCE FROM SITE: 0.16 Miles DIRECTION FROM SITE: Northwest	1175 Weeks St East Palo Alto, CA 94303-1343 COUNTY: San Mateo	2

EAR: 93 CATEGORY DESCRIPTION: Other Organic Solids
TONS: 10.0000 DISPOSAL METHOD: Treatment, Tank

ERIIS ID / EPA ID	FACILITY	ADDRESS	MAP ID
6055007813 CAC000790712	1x Gene Lopez Residence DISTANCE FROM SITE: 0.20 Miles DIRECTION FROM SITE: Northwest	1103 Weeks St East Palo Alto, CA 94303-1343 COUNTY: San Mateo	3

EAR: 93 CATEGORY DESCRIPTION: Other Empty Containers 30 Gallons Or More
TONS: 0.2500 DISPOSAL METHOD: Recycler

YEAR: 93 CATEGORY DESCRIPTION: Asbestos Containing Waste
TONS: 0.0300 DISPOSAL METHOD: Disposal, Landfill

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA SPILLS, LEAKS, INVESTIGATIONS AND CLEANUPS REPORT
SPILLS - PLOTTABLE SITES - PAGE 1

ERIIS Report #239972A Apr 21, 1998

ERIIS ID	FACILITY	ADDRESS	MAP ID
06021002315	Cal-mac (bankrupt) DISTANCE FROM SITE: 0.16 Miles DIRECTION FROM SITE: Northwest STATUS: Open	1175 Weeks St East Palo Alto, CA 94303-1343 COUNTY: San Mateo	2
06021002316	Rhone Poulenc/sandoz DISTANCE FROM SITE: 0.35 Miles DIRECTION FROM SITE: Northwest STATUS: Open	1990 Bay Rd East Palo Alto, CA 94303-1313 COUNTY: San Mateo	10
06021002697	Picka & Save Auto Wreckers DISTANCE FROM SITE: 0.37 Miles DIRECTION FROM SITE: Northwest	1985 Bay Rd East Palo Alto, CA 94303-1314 COUNTY: San Mateo	11
06021001138	Electrite DISTANCE FROM SITE: 0.47 Miles DIRECTION FROM SITE: Northwest STATUS: No Action	1805 Bay Rd East Palo Alto, CA 94303-1312 COUNTY: San Mateo	18

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ERIIS ID / EPA ID	FACILITY	ADDRESS	MAP ID
06071000050	Romic Environmentaltechnologies Corp	2081 Bay Rd	13
CAD009452657	DISTANCE FROM SITE: 0.38 Miles	East Palo Alto, CA 94303-1316	
	DIRECTION FROM SITE: Northwest	County: San Mateo	

Raats Issue Date: / /
Raats Action Code: 3008(h) Status: Consent Agreement/final Order
Raats Penalties: Proposed : $ 0.00 Final: $0.00

FACILITY VIOLATIONS:

1.	DATE DETERMINED:	10/04/94	DATE RESOLVED:	11/15/94
	AREA OF VIOLATION:	Generator-all Requirements		
2.	DATE DETERMINED:	09/01/93	DATE RESOLVED:	12/06/93
	AREA OF VIOLATION:	Tsd-other Requirements		
3.	DATE DETERMINED:	03/18/92	DATE RESOLVED:	09/17/92
	AREA OF VIOLATION:	Tsd-land Ban Requirements		
4.	DATE DETERMINED:	03/18/92	DATE RESOLVED:	09/17/92
	AREA OF VIOLATION:	Tsd-other Requirements		
5.	DATE DETERMINED:	11/08/91	DATE RESOLVED:	12/16/91
	AREA OF VIOLATION:	Tsd-other Requirements		
6.	DATE DETERMINED:	02/26/91	DATE RESOLVED:	07/09/91
	AREA OF VIOLATION:	Tsd-land Ban Requirements		
7.	DATE DETERMINED:	02/26/91	DATE RESOLVED:	07/09/91
	AREA OF VIOLATION:	Generator-land Ban Requirements		
8.	DATE DETERMINED:	02/26/91	DATE RESOLVED:	07/09/91
	AREA OF VIOLATION:	Tsd-other Requirements		
9.	DATE DETERMINED:	11/04/88	DATE RESOLVED:	
	AREA OF VIOLATION:	Tsd-land Ban Requirements		
10.	DATE DETERMINED:	11/04/88	DATE RESOLVED:	
	AREA OF VIOLATION:	Generator-land Ban Requirements		
11.	DATE DETERMINED:	11/04/88	DATE RESOLVED:	
	AREA OF VIOLATION:	Tsd-other Requirements		
12.	DATE DETERMINED:	11/04/88	DATE RESOLVED:	
	AREA OF VIOLATION:	Tsd-closure/post-closure Requirements		

FACILITY EVALUATIONS:

1.	EVALUATION DATE:	11/04/88	EVALUATION AGENCY:	Epa Personnel
	TYPE OF EVALUATION:	Compliance Evaluation Inspection		
	AREA(S) OF EVALUATION:	Tsd-closure/post-closure Requirements Tsd-land Ban Requirements Tsd-other Requirements Generator-land Ban Requirements		
2.	EVALUATION DATE:	02/26/91	EVALUATION AGENCY:	Epa Personnel
	TYPE OF EVALUATION:	Compliance Evaluation Inspection		
	AREA(S) OF EVALUATION:	Tsd-land Ban Requirements Tsd-other Requirements Generator-land Ban Requirements		
3.	EVALUATION DATE:	08/19/91	EVALUATION AGENCY:	Epa Personnel
	TYPE OF EVALUATION:	Compliance Evaluation Inspection		
	AREA(S) OF EVALUATION:	Tsd-closure/post-closure Requirements Tsd-financial Responsibility Requirements Tsd-land Ban Requirements Tsd-other Requirements Generator-all Requirements		
4.	EVALUATION DATE:	01/27/92	EVALUATION AGENCY:	Epa Contractor
	TYPE OF EVALUATION:	Compliance Evaluation Inspection		
	AREA(S) OF EVALUATION:	Tsd-closure/post-closure Requirements Tsd-financial Responsibility Requirements Tsd-land Ban Requirements Tsd-other Requirements Generator-all Requirements Generator-land Ban Requirements		
5.	EVALUATION DATE:	06/18/93	EVALUATION AGENCY:	Epa Contractor
	TYPE OF EVALUATION:	Compliance Evaluation Inspection		
	AREA(S) OF EVALUATION:	Tsd-chemical/physical/biological Requirements Tsd-closure/post-closure Requirements Tsd-financial Responsibility Requirements Tsd-land Ban Requirements Tsd-other Requirements		

ERIIS ID
EPA ID FACILITY ADDRESS MAP ID

Generator-all Requirements
Generator-land Ban Requirements

6. EVALUATION DATE: 07/14/94 EVALUATION AGENCY: Epa Contractor
TYPE OF EVALUATION: Compliance Evaluation Inspection
AREA(S) OF EVALUATION: Tsd-chemical/physical/biological Requirements
Tsd-closure/post-closure Requirements
Tsd-financial Responsibility Requirements
Tsd-land Ban Requirements
Tsd-other Requirements
Generator-all Requirements
Generator-land Ban Requirements

FACILITY ENFORCEMENTS:

1. ENFORCEMENT DATE: 12/16/1988 ENFORCEMENT AGENCY: Epa
TYPE OF ACTION: Written, Informal Administrative Action
PENALTY(S):
2. ENFORCEMENT DATE: 12/16/1988 ENFORCEMENT AGENCY: Epa
TYPE OF ACTION: Epa To State, Administrative Referral
PENALTY(S):
3. ENFORCEMENT DATE: 04/14/1989 ENFORCEMENT AGENCY: Epa
TYPE OF ACTION: Written, Informal Administrative Action
PENALTY(S):
4. ENFORCEMENT DATE: 06/14/1991 ENFORCEMENT AGENCY: Epa
TYPE OF ACTION: Written, Informal Administrative Action
PENALTY(S):
5. ENFORCEMENT DATE: 11/20/1991 ENFORCEMENT AGENCY: Epa
TYPE OF ACTION: Written, Informal Administrative Action
PENALTY(S):
6. ENFORCEMENT DATE: 08/17/1992 ENFORCEMENT AGENCY: Epa
TYPE OF ACTION: Written, Informal Administrative Action
PENALTY(S):
7. ENFORCEMENT DATE: 09/28/1993 ENFORCEMENT AGENCY: Epa
TYPE OF ACTION: Written, Informal Administrative Action
PENALTY(S):
8. ENFORCEMENT DATE: 10/25/1994 ENFORCEMENT AGENCY: Epa
TYPE OF ACTION: Written, Informal Administrative Action
PENALTY(S):

CORRECTIVE ACTIONS:

1. ACTION ISSUE DATE: 12/08/88
TYPE OF ACTION: Consent Order

1. ACTION EFFECTIVE 12/08/88
STATUTE VIOLATED: Rcra 3008(h) Or Equivalent

1. EVENT ACTUAL DATE: 05/14/91
SITE EVENT: Ca Prioritization--facility Assigned A Low Corrective Action Priority
2. EVENT ACTUAL DATE: 11/01/89
SITE EVENT: Rfa Completed
3. EVENT ACTUAL DATE: 12/26/91
SITE EVENT: Ca Prioritization--facility Assigned A High Corrective Action Priority
4. EVENT ACTUAL DATE: 05/01/86
SITE EVENT: Ca Prioritization--facility Assigned A High Corrective Action Priority
5. EVENT ACTUAL DATE: 12/08/88
SITE EVENT: Rfi Imposition
6. EVENT ACTUAL DATE: 05/10/90
SITE EVENT: Rfi Workplan Approved
7. EVENT ACTUAL DATE: 11/03/93
SITE EVENT: Rfi Approved
8. EVENT ACTUAL DATE: 09/30/92
SITE EVENT: Stabilization Measures Evaluation--amenable To Stabilization Activity

ERIIS Report #239972A Apr 21, 1998

ERIIS ID / EPA ID	FACILITY	ADDRESS	MAP ID

9. EVENT ACTUAL DATE: 03/08/94
SITE EVENT: Cms Workplan Approved

Summary of Unplottable sites

ERIIS Report #239972A Apr 21, 1998

ERIIS ID. DATABASE	FACILITY ADDRESS COMMENTS	SELECTED BY
06010092345 RST	Rainer Service Station 1905 Bayshore Rd East Palo Alto, CA 94303 County: Santa Clara	ZIP code
06010057764 RST	University Shell 2194 E Palo Alto Shell East Palo Alto, CA 94303 County: Santa Clara	ZIP code
06008012718 RCRIS_SG	Kitty Cleaners 910 New Cleaners East Palo Alto, CA 94303 County: Santa Clara	ZIP code
06025015118 CORTS	Mozart Property 1068 Meadow Cl E. Palo Alto, CA 94303 County: Santa Clara	ZIP code
06055079189 HWIS	Cty Palo Alto, Municipal Landfill/recycl 2380 Embarcadero Rd Palo Alto, CA 94303 County: Santa Clara	ZIP code
06055072948 HWIS	Palo Alto Gas Recovery C/o Eds 2380 Embarcadero Rd Palo Alto, CA 94303 County: Santa Clara	ZIP code
06055090836 HWIS	Palo Alto Landfill Gas Corp 2380 Embarcadero Rd Palo Alto, CA 94303 County: Santa Clara	ZIP code
06040008770 HWS	Palo Alto Municipal Sanitary Landfill 2380 Embarcadero Rd Palo Alto, CA 94303 County: Santa Clara	ZIP code
06055060062 HWIS	Palo Alto Recycling Center 2380 Embarcadero Rd Palo Alto, CA 94303 County: Santa Clara	ZIP code
06055091933 HWIS	Wpi Packaging & Maintenance Inc 2390 Embarcadero Road Palo Alto, CA 94303 County: Santa Clara	ZIP code
06003044578 FINDS	Kaptron Inc 2525 E Bayshore Frontage Rd Palo Alto, CA 94303 County: Santa Clara	ZIP code
06008034550 RCRIS_SG	Pacific Bell 2850 Bayshore Frontage Palo Alto, CA 94303 County: Santa Clara	ZIP code
06003056106 FINDS	Pacific Bell 2850 Bayshore Frontage Palo Alto, CA 94303 County: Santa Clara	ZIP code
06055110580 HWIS	Intevac 601 California Ave Palo Alto, CA 94303 County: Santa Clara	ZIP code

Summary of Unplottable sites

ERIIS Report #239972A

Apr 21, 1998

ERIIS ID. DATABASE	FACILITY ADDRESS COMMENTS	SELECTED BY
06055025890 HWIS	City Palo Alto Matadero And Palo Alto, CA 94303 County: Santa Clara	ZIP code
06003058248 FINDS	Shule Ya Faifa Po Box 51661 East Palo Alto, CA 94303-0715 County: Santa Clara	ZIP code
06055050018 HWIS	Anderson Honda Isuzu 1766 Embarcadero Rd Palo Alto, CA 94303-3302 County: Santa Clara	ZIP code
06055024581 HWIS	Carl Carlsen 1766 Embarcadero Rd Palo Alto, CA 94303-3302 County: Santa Clara	ZIP code
06010009811 RST	Carl R. Carlsen Inc. 1766 Embarcadero Rd Palo Alto, CA 94303-3302 County: Santa Clara	ZIP code
06025015085 CORTS	Stanford Auto Plaza 1766 Embarcadero Rd Palo Alto, CA 94303-3302 County: Santa Clara	ZIP code
06005031678 LRST	Stanford Auto Plaza 1766 Embarcadero Rd Palo Alto, CA 94303-3302 County: Santa Clara	ZIP code
06003031376 FINDS	Stanford Auto Plaza 1766 Embarcadero Rd Palo Alto, CA 94303-3302 County: Santa Clara	ZIP code
06055014600 HWIS	Stanford Auto Plaza 1766 Embarcadero Rd Palo Alto, CA 94303-3302 County: Santa Clara	ZIP code
06005031681 LRST	Stanford Honda 1766 Embarcadero Rd # B Palo Alto, CA 94303-3302 County: Santa Clara	ZIP code

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

ERIIS Report #239972A Apr 21, 1998

ERIIS ID / EPA ID	FACILITY	ADDRESS
06008012718 CAD981660244	Kitty Cleaners	910 New Cleaners East Palo Alto, CA 94303 County: Santa Clara

Facility Is Not Reported In Raats

ERIIS ID / EPA ID	FACILITY	ADDRESS
06008034550 CAT080021215	Pacific Bell	2850 Bayshore Frontage Palo Alto, CA 94303 County: Santa Clara

Facility Is Not Reported In Raats

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

ERIIS Report #239972A Apr 21, 1998

ERIIS ID	FACILITY	ADDRESS
06005031678	Stanford Auto Plaza	1766 Embarcadero Rd Palo Alto, CA 94303-3302 COUNTY: Santa Clara

CASE NO.: 43-1388
REPORT DATE: Not Reported
CASE TYPE: Not Reported
CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
LEAK BEING CONFIRMED:
LEAK CAUSE:

STATUS: Case Closed
SUBSTANCE: Not Reported
ABATEMENT METHOD: Not Reported
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
PRELIMINARY SITE ASSESSMENT UNDERWAY:
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

ERIIS ID	FACILITY	ADDRESS
06005031681	Stanford Honda	1766 Embarcadero Rd # B Palo Alto, CA 94303-3302 COUNTY: Santa Clara

CASE NO.: 43-2107
REPORT DATE: Not Reported
CASE TYPE: Not Reported
CASE CLOSED:
REMEDIAL ACTION:
REMEDIATION PLAN:
LEAK BEING CONFIRMED:
LEAK CAUSE:

STATUS: Case Closed
SUBSTANCE: Not Reported
ABATEMENT METHOD: Not Reported
POLLUTION CHARACTERIZATION:
POST REMEDIAL ACTION MONITORING:
PRELIMINARY SITE ASSESSMENT UNDERWAY:
PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED:

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

ERIIS Report #239972A Apr 21, 1998

ERIIS ID	FACILITY	ADDRESS
06010009811	Carl R. Carlsen Inc.	1766 Embarcadero Rd Palo Alto, CA 94303-3302 COUNTY: Santa Clara

BUSINESS DESCRIPTION: New Car Dealership
MANAGER: Gary Wheeler (415) 856-6000
NUMBER OF TANKS: 4

CAPACITY:	10000 G	TANK DESCRIPTION:	Unknown
SUBSTANCE:	Regular Unleaded	TANK MATERIAL:	Fiberglass
STATUS:	Active		
CAPACITY:	300 G	TANK DESCRIPTION:	Unknown
SUBSTANCE:	Regular Unleaded	TANK MATERIAL:	Bare Steel
STATUS:	Active		
CAPACITY:	550 G	TANK DESCRIPTION:	Unknown
SUBSTANCE:	Unknown	TANK MATERIAL:	Bare Steel
STATUS:	Active		
CAPACITY:	1000 G	TANK DESCRIPTION:	Unknown
SUBSTANCE:	Not Reported	TANK MATERIAL:	Bare Steel
STATUS:	Active		

06010057764	University Shell	2194 E Palo Alto Shell East Palo Alto, CA 94303 COUNTY: Santa Clara

BUSINESS DESCRIPTION: Gasoline Station
MANAGER: Busan Bansal (415) 592-1955
NUMBER OF TANKS: Not

CAPACITY:	0	TANK DESCRIPTION:	Not Reported
SUBSTANCE:	Not Reported	TANK MATERIAL:	Not Reported
STATUS:	Not Reported		

06010092345	Rainer Service Station	1905 Bayshore Rd East Palo Alto, CA 94303 COUNTY: Santa Clara

BUSINESS DESCRIPTION: Not Reported
MANAGER: Not Reported
NUMBER OF TANKS: Not

CAPACITY:		TANK DESCRIPTION:	Not Reported
SUBSTANCE:	Not Reported	TANK MATERIAL:	Not Reported
STATUS:	Not Reported		

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA CALSITES
HWS - UNPLOTTABLE SITES

ERIIS Report #239972A Apr 21, 1998

ERIIS ID FACILITY ID	FACILITY	ADDRESS
06040008770 43490053	Palo Alto Municipal Sanitary Landfill	2380 Embarcadero Rd Palo Alto, CA 94303 COUNTY: Santa Clara

CALSITE STATUS DATE: 06/08/94 CALSITE STATUS: Property/site Referred To Rwqcb
GROUNDWATER STATUS: Not Reported

ERIIS ENVIRONMENTAL DATA REPORT
FACILITY INDEX SYSTEM
FINDS - UNPLOTTABLE SITES

ERIIS Report #239972A Apr 21, 1998

ERIIS ID / EPA ID	FACILITY	ADDRESS
06003031376 CAD982014227	Stanford Auto Plaza	1766 Embarcadero Rd Palo Alto, CA 94303-3302 COUNTY: Santa Clara

SIC CODE(S): Not Reported

TRACKING PROGRAM	LAST UPDATE
RCRIS	10/29/97

ERIIS ID / EPA ID	FACILITY	ADDRESS
06003044578 CAD982522005	Kaptron Inc	2525 E Bayshore Frontage Rd Palo Alto, CA 94303 COUNTY: Santa Clara

SIC CODE(S): Not Reported

TRACKING PROGRAM	LAST UPDATE
RCRIS	10/29/97

ERIIS ID / EPA ID	FACILITY	ADDRESS
06003056106 CAT080021215	Pacific Bell	2850 Bayshore Frontage Palo Alto, CA 94303 COUNTY: Santa Clara

SIC CODE(S): Not Reported

TRACKING PROGRAM	LAST UPDATE
RCRIS	10/29/97

ERIIS ID / EPA ID	FACILITY	ADDRESS
06003058248 CA0000214460	Shule Ya Faifa	Po Box 51661 East Palo Alto, CA 94303-0715 COUNTY: Santa Clara

SIC CODE(S): Not Reported

TRACKING PROGRAM	LAST UPDATE
FTTS/NCDB	10/31/94

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA CORTESE LIST
CORTS - UNPLOTTABLE SITES

ERIIS Report #239972A

Apr 21, 1998

ERIIS ID	FACILITY	ADDRESS
06025015085	Stanford Auto Plaza	1766 Embarcadero Rd Palo Alto, CA 94303-3302 COUNTY: Santa Clara
	REGULATED BY: Ltnka	
06025015118	Mozart Property	1068 Meadow Cl E. Palo Alto, CA 94303 COUNTY: Santa Clara
	REGULATED BY: Ltnka	

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA HAZARDOUS WASTE INFORMATION SYSTEM
HWIS - UNPLOTTABLE SITES

ERIIS Report #239972A Apr 21, 1998

ERIIS ID / EPA ID	FACILITY	ADDRESS
06055014600 CAC000912536	Stanford Auto Plaza	1766 Embarcadero Rd Palo Alto, CA 94303-3302 COUNTY: Santa Clara

YEAR: 95 CATEGORY DESCRIPTION: Unspecified Oil-containing Waste
TONS: 0.2293 DISPOSAL METHOD: Recycler

06055024581 CAC001040304	Carl Carlsen	1766 Embarcadero Rd Palo Alto, CA 94303-3302 COUNTY: Santa Clara

YEAR: 95 CATEGORY DESCRIPTION: Unspecified Oil-containing Waste
TONS: 0.4587 DISPOSAL METHOD: Recycler

06055025890 CAC001055416	City Palo Alto	Matadero And Palo Alto, CA 94303 COUNTY: Santa Clara

YEAR: 95 CATEGORY DESCRIPTION: Aqueous Solution With Total Organic Residues 10 Percent Or More
TONS: 0.2085 DISPOSAL METHOD: Recycler

06055050018 CAD982014227	Anderson Honda Isuzu	1766 Embarcadero Rd Palo Alto, CA 94303-3302 COUNTY: Santa Clara

YEAR: 93 CATEGORY DESCRIPTION: Unspecified Organic Liquid Mixture
TONS: 0.6255 DISPOSAL METHOD: Recycler

YEAR: 93 CATEGORY DESCRIPTION: Blank Or Unknown
TONS: Unknown DISPOSAL METHOD: Transfer Station

YEAR: 93 CATEGORY DESCRIPTION: Aqueous Solution With Total Organic Residues Less Than 10 Percent
TONS: 1.2510 DISPOSAL METHOD: Not Reported

YEAR: 94 CATEGORY DESCRIPTION: Unspecified Organic Liquid Mixture
TONS: 0.6255 DISPOSAL METHOD: Not Reported

YEAR: 94 CATEGORY DESCRIPTION: Unspecified Organic Liquid Mixture
TONS: 6.2589 DISPOSAL METHOD: Recycler

YEAR: 95 CATEGORY DESCRIPTION: Other Empty Containers 30 Gallons Or More
TONS: 5.0000 DISPOSAL METHOD: Disposal, Other

YEAR: 95 CATEGORY DESCRIPTION: Aqueous Solution With Total Organic Residues Less Than 10 Percent
TONS: 0.5838 DISPOSAL METHOD: Not Reported

YEAR: 95 CATEGORY DESCRIPTION: Aqueous Solution With Total Organic Residues Less Than 10 Percent
TONS: 3.7738 DISPOSAL METHOD: Transfer Station

YEAR: 95 CATEGORY DESCRIPTION: Waste Oil And Mixed Oil
TONS: 0.5004 DISPOSAL METHOD: Recycler

YEAR: 96 CATEGORY DESCRIPTION: Aqueous Solution With Total Organic Residues Less Than 10 Percent
TONS: 5.9631 DISPOSAL METHOD: Transfer Station

06055060062 CAH111000457	Palo Alto Recycling Center	2380 Embarcadero Rd Palo Alto, CA 94303 COUNTY: Santa Clara

YEAR: 96 CATEGORY DESCRIPTION: Invalid Waste Code
TONS: 1.6000 DISPOSAL METHOD: Recycler

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA HAZARDOUS WASTE INFORMATION SYSTEM
HWIS - UNPLOTTABLE SITES

ERIIS Report #239972A Apr 21, 1998

ERIIS ID FACILITY
EPA ID ADDRESS

YEAR: 96 CATEGORY DESCRIPTION: Other Inorganic Solid Waste
TONS: 4.1000 DISPOSAL METHOD: Recycler

YEAR: 96 CATEGORY DESCRIPTION: Unspecified Organic Liquid Mixture
TONS: 0.6255 DISPOSAL METHOD: Not Reported

YEAR: 96 CATEGORY DESCRIPTION: Unspecified Organic Liquid Mixture
TONS: 7.9438 DISPOSAL METHOD: Recycler

06055072948 Palo Alto Gas Recovery C/o Eds 2380 Embarcadero Rd
CAL000045480 Palo Alto, CA 94303
COUNTY: Santa Clara

YEAR: 93 CATEGORY DESCRIPTION: Unspecified Oil-containing Waste
TONS: 1.6054 DISPOSAL METHOD: Not Reported

YEAR: 93 CATEGORY DESCRIPTION: Unspecified Oil-containing Waste
TONS: 0.2293 DISPOSAL METHOD: Disposal, Other

YEAR: 93 CATEGORY DESCRIPTION: Blank Or Unknown
TONS: Unknown DISPOSAL METHOD: Transfer Station

YEAR: 93 CATEGORY DESCRIPTION: Aqueous Solution With Total Organic Residues Less Than 10 Percent
TONS: 1.6680 DISPOSAL METHOD: Not Reported

YEAR: 93 CATEGORY DESCRIPTION: Waste Oil And Mixed Oil
TONS: 1.3135 DISPOSAL METHOD: Recycler

06055079189 Cty Palo Alto, Municipal Landfill/recycl 2380 Embarcadero Rd
CAL000071520 Palo Alto, CA 94303
COUNTY: Santa Clara

YEAR: 93 CATEGORY DESCRIPTION: Unspecified Organic Liquid Mixture
TONS: 1.6471 DISPOSAL METHOD: Recycler

YEAR: 93 CATEGORY DESCRIPTION: Unspecified Organic Liquid Mixture
TONS: 1.1050 DISPOSAL METHOD: Recycler

YEAR: 93 CATEGORY DESCRIPTION: Unspecified Oil-containing Waste
TONS: 3.3360 DISPOSAL METHOD: Recycler

YEAR: 94 CATEGORY DESCRIPTION: Unspecified Organic Liquid Mixture
TONS: 7.0681 DISPOSAL METHOD: Recycler

YEAR: 94 CATEGORY DESCRIPTION: Unspecified Organic Liquid Mixture
TONS: 0.3336 DISPOSAL METHOD: Not Reported

YEAR: 94 CATEGORY DESCRIPTION: Unspecified Organic Liquid Mixture
TONS: 0.1668 DISPOSAL METHOD: Disposal, Other

YEAR: 95 CATEGORY DESCRIPTION: Unspecified Organic Liquid Mixture
TONS: 7.4015 DISPOSAL METHOD: Recycler

YEAR: 96 CATEGORY DESCRIPTION: Other Inorganic Solid Waste
TONS: 2.4000 DISPOSAL METHOD: Recycler

YEAR: 96 CATEGORY DESCRIPTION: Asbestos Containing Waste
TONS: 0.0750 DISPOSAL METHOD: Transfer Station

YEAR: 96 CATEGORY DESCRIPTION: Other Organic Solids
TONS: 0.1125 DISPOSAL METHOD: Transfer Station

055090836 Palo Alto Landfill Gas Corp 2380 Embarcadero Rd
L000114602 Palo Alto, CA 94303
COUNTY: Santa Clara

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA HAZARDOUS WASTE INFORMATION SYSTEM
HWIS - UNPLOTTABLE SITES

ERIIS Report #239972A Apr 21, 1998

ERIIS ID FACILITY
EPA ID ADDRESS

YEAR: 93 CATEGORY DESCRIPTION: Waste Oil And Mixed Oil
TONS: 1.3135 DISPOSAL METHOD: Not Reported

YEAR: 93 CATEGORY DESCRIPTION: Waste Oil And Mixed Oil
TONS: 1.2510 DISPOSAL METHOD: Recycler

YEAR: 94 CATEGORY DESCRIPTION: Unspecified Oil-containing Waste
TONS: 1.2500 DISPOSAL METHOD: Not Reported

YEAR: 94 CATEGORY DESCRIPTION: Unspecified Oil-containing Waste
TONS: 0.0500 DISPOSAL METHOD: Disposal, Other

YEAR: 94 CATEGORY DESCRIPTION: Waste Oil And Mixed Oil
TONS: 1.5429 DISPOSAL METHOD: Not Reported

YEAR: 94 CATEGORY DESCRIPTION: Waste Oil And Mixed Oil
TONS: 5.2959 DISPOSAL METHOD: Recycler

06055091933 Wpi Packaging & Maintenance Inc 2390 Embarcadero Road
CAL000116905 Palo Alto, CA 94303
COUNTY: Santa Clara

YEAR: 94 CATEGORY DESCRIPTION: Other Organic Solids
TONS: 0.1000 DISPOSAL METHOD: Not Reported

YEAR: 94 CATEGORY DESCRIPTION: Other Organic Solids
TONS: 0.2000 DISPOSAL METHOD: Disposal, Landfill

YEAR: 94 CATEGORY DESCRIPTION: Other Organic Solids
TONS: 0.3000 DISPOSAL METHOD: Recycler

YEAR: 94 CATEGORY DESCRIPTION: Waste Oil And Mixed Oil
TONS: 1.2510 DISPOSAL METHOD: Recycler

YEAR: 95 CATEGORY DESCRIPTION: Unspecified Organic Liquid Mixture
TONS: 1.5220 DISPOSAL METHOD: Recycler

YEAR: 95 CATEGORY DESCRIPTION: Other Organic Solids
TONS: 0.1500 DISPOSAL METHOD: Disposal, Landfill

YEAR: 95 CATEGORY DESCRIPTION: Other Organic Solids
TONS: 0.2505 DISPOSAL METHOD: Recycler

YEAR: 95 CATEGORY DESCRIPTION: Aqueous Solution With Total Organic Residues 10 Percent Or More
TONS: 1.6680 DISPOSAL METHOD: Not Reported

YEAR: 95 CATEGORY DESCRIPTION: Waste Oil And Mixed Oil
TONS: 5.8380 DISPOSAL METHOD: Recycler

YEAR: 96 CATEGORY DESCRIPTION: Aqueous Solution With Total Organic Residues 10 Percent Or More
TONS: 1.1467 DISPOSAL METHOD: Recycler

YEAR: 96 CATEGORY DESCRIPTION: Other Organic Solids
TONS: 0.4650 DISPOSAL METHOD: Recycler

YEAR: 96 CATEGORY DESCRIPTION: Unspecified Sludge Waste
TONS: 0.1000 DISPOSAL METHOD: Recycler

YEAR: 96 CATEGORY DESCRIPTION: Aqueous Solution With Total Organic Residues 10 Percent Or More
TONS: 1.5637 DISPOSAL METHOD: Not Reported

YEAR: 96 CATEGORY DESCRIPTION: Aqueous Solution With Total Organic Residues 10 Percent Or More
TONS: 2.3143 DISPOSAL METHOD: Transfer Station

YEAR: 96 CATEGORY DESCRIPTION: Waste Oil And Mixed Oil
TONS: 2.2726 DISPOSAL METHOD: Recycler

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA HAZARDOUS WASTE INFORMATION SYSTEM
HWIS - UNPLOTTABLE SITES

ERIIS Report #239972A Apr 21, 1998

ERIIS ID / EPA ID	FACILITY	ADDRESS
06055110580 CAT080010804	Intevac	601 California Ave Palo Alto, CA 94303 COUNTY: Santa Clara

YEAR: 93 CATEGORY DESCRIPTION: Blank Or Unknown
TONS: 0.2293 DISPOSAL METHOD: Transfer Station

YEAR: 93 CATEGORY DESCRIPTION: Liquids With Arsenic >= 500 Mg./l
TONS: 0.2293 DISPOSAL METHOD: Disposal, Other

YEAR: 93 CATEGORY DESCRIPTION: Liquids With Ph <= 2 With Metals
TONS: 1.1467 DISPOSAL METHOD: Disposal, Other

YEAR: 93 CATEGORY DESCRIPTION: Liquids With Ph <= 2 With Metals
TONS: 1.3761 DISPOSAL METHOD: Transfer Station

YEAR: 93 CATEGORY DESCRIPTION: Blank Or Unknown
TONS: 1.4467 DISPOSAL METHOD: Disposal, Other

YEAR: 93 CATEGORY DESCRIPTION: Other Inorganic Solid Waste
TONS: 2.0000 DISPOSAL METHOD: Disposal, Other

YEAR: 93 CATEGORY DESCRIPTION: Oxygenated Solvents (acetone, Butanol, Ethyl Acetate, Etc.)
TONS: 6.3175 DISPOSAL METHOD: Not Reported

YEAR: 93 CATEGORY DESCRIPTION: Oxygenated Solvents (acetone, Butanol, Ethyl Acetate, Etc.)
TONS: 10.7919 DISPOSAL METHOD: Disposal, Other

YEAR: 93 CATEGORY DESCRIPTION: Other Inorganic Solid Waste
TONS: 2.8500 DISPOSAL METHOD: Not Reported

YEAR: 93 CATEGORY DESCRIPTION: Oxygenated Solvents (acetone, Butanol, Ethyl Acetate, Etc.)
TONS: 6.4134 DISPOSAL METHOD: Disposal, Other

YEAR: 93 CATEGORY DESCRIPTION: Liquids With Halogenated Organic Compounds >= 1,000 Mg./l
TONS: 0.8965 DISPOSAL METHOD: Not Reported

YEAR: 93 CATEGORY DESCRIPTION: Blank Or Unknown
TONS: 3.8500 DISPOSAL METHOD: Disposal, Landfill

YEAR: 93 CATEGORY DESCRIPTION: Asbestos Containing Waste
TONS: 0.1000 DISPOSAL METHOD: Disposal, Landfill

YEAR: 93 CATEGORY DESCRIPTION: Other Inorganic Solid Waste
TONS: 0.2000 DISPOSAL METHOD: Disposal, Landfill

YEAR: 93 CATEGORY DESCRIPTION: Other Inorganic Solid Waste
TONS: 0.1000 DISPOSAL METHOD: Disposal, Other

YEAR: 93 CATEGORY DESCRIPTION: Other Inorganic Solid Waste
TONS: 0.2000 DISPOSAL METHOD: Transfer Station

YEAR: 93 CATEGORY DESCRIPTION: Other Organic Solids
TONS: 1.1000 DISPOSAL METHOD: Transfer Station

YEAR: 93 CATEGORY DESCRIPTION: Unspecified Sludge Waste
TONS: 0.2250 DISPOSAL METHOD: Treatment, Tank

YEAR: 93 CATEGORY DESCRIPTION: Solids Or Sludges With Halogenated Organic Compounds >= 1,000 Mg./l
TONS: 1.2000 DISPOSAL METHOD: Transfer Station

YEAR: 93 CATEGORY DESCRIPTION: Laboratory Waste Chemicals
TONS: 0.1900 DISPOSAL METHOD: Transfer Station

YEAR: 94 CATEGORY DESCRIPTION: Liquids With Arsenic >= 500 Mg./l
TONS: 0.2293 DISPOSAL METHOD: Disposal, Other

YEAR: 94 CATEGORY DESCRIPTION: Liquids With Ph <= 2 With Metals
TONS: 3.4610 DISPOSAL METHOD: Not Reported

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA HAZARDOUS WASTE INFORMATION SYSTEM
HWIS - UNPLOTTABLE SITES

ERIIS Report #239972A Apr 21, 1998

ERIIS ID FACILITY
EPA ID ADDRESS

YEAR: 94 CATEGORY DESCRIPTION: Liquids With Ph <= 2 With Metals
TONS: 0.6879 DISPOSAL METHOD: Disposal, Other

YEAR: 94 CATEGORY DESCRIPTION: Blank Or Unknown
TONS: 2.5020 DISPOSAL METHOD: Disposal, Injection Well

YEAR: 94 CATEGORY DESCRIPTION: Blank Or Unknown
TONS: 0.0550 DISPOSAL METHOD: Recycler

YEAR: 94 CATEGORY DESCRIPTION: Alkaline Solution (ph >= 12.5) With Metals
TONS: 0.1251 DISPOSAL METHOD: Disposal, Injection Well

YEAR: 94 CATEGORY DESCRIPTION: Other Inorganic Solid Waste
TONS: 0.7000 DISPOSAL METHOD: Disposal, Other

YEAR: 94 CATEGORY DESCRIPTION: Other Inorganic Solid Waste
TONS: 1.2400 DISPOSAL METHOD: Recycler

YEAR: 94 CATEGORY DESCRIPTION: Oxygenated Solvents (acetone, Butanol, Ethyl Acetate, Etc.)
TONS: 4.6912 DISPOSAL METHOD: Disposal, Other

YEAR: 94 CATEGORY DESCRIPTION: Oxygenated Solvents (acetone, Butanol, Ethyl Acetate, Etc.)
TONS: 10.8961 DISPOSAL METHOD: Recycler

YEAR: 94 CATEGORY DESCRIPTION: Organic Solids With Halogens
TONS: 1.5000 DISPOSAL METHOD: Disposal, Other

YEAR: 94 CATEGORY DESCRIPTION: Organic Solids With Halogens
TONS: 0.3500 DISPOSAL METHOD: Recycler

YEAR: 94 CATEGORY DESCRIPTION: Other Organic Solids
TONS: 0.1876 DISPOSAL METHOD: Disposal, Injection Well

YEAR: 94 CATEGORY DESCRIPTION: Other Organic Solids
TONS: 0.0750 DISPOSAL METHOD: Recycler

YEAR: 94 CATEGORY DESCRIPTION: Liquids With Ph <= 2 With Metals
TONS: 0.1668 DISPOSAL METHOD: Disposal, Injection Well

YEAR: 94 CATEGORY DESCRIPTION: Other Inorganic Solid Waste
TONS: 0.1000 DISPOSAL METHOD: Transfer Station

YEAR: 94 CATEGORY DESCRIPTION: Blank Or Unknown
TONS: 0.4500 DISPOSAL METHOD: Treatment, Tank

YEAR: 94 CATEGORY DESCRIPTION: Alkaline Solution (ph >= 12.5) With Metals
TONS: 1.1467 DISPOSAL METHOD: Disposal, Other

YEAR: 94 CATEGORY DESCRIPTION: Other Inorganic Solid Waste
TONS: 0.5500 DISPOSAL METHOD: Not Reported

YEAR: 94 CATEGORY DESCRIPTION: Other Inorganic Solid Waste
TONS: 5.1712 DISPOSAL METHOD: Disposal, Landfill

YEAR: 94 CATEGORY DESCRIPTION: Other Inorganic Solid Waste
TONS: 0.1000 DISPOSAL METHOD: Disposal, Other

YEAR: 94 CATEGORY DESCRIPTION: Other Inorganic Solid Waste
TONS: 0.1000 DISPOSAL METHOD: Transfer Station

YEAR: 94 CATEGORY DESCRIPTION: Other Organic Solids
TONS: 0.4000 DISPOSAL METHOD: Transfer Station

YEAR: 94 CATEGORY DESCRIPTION: Unspecified Sludge Waste
TONS: 1.0000 DISPOSAL METHOD: Not Reported

YEAR: 94 CATEGORY DESCRIPTION: Unspecified Sludge Waste
TONS: 0.4500 DISPOSAL METHOD: Disposal, Other

YEAR: 94 CATEGORY DESCRIPTION: Unspecified Sludge Waste
TONS: 3.0750 DISPOSAL METHOD: Treatment, Tank

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA HAZARDOUS WASTE INFORMATION SYSTEM
HWIS - UNPLOTTABLE SITES

ERIIS Report #239972A Apr 21, 1998

ERIIS ID FACILITY
EPA ID ADDRESS

YEAR: 94 CATEGORY DESCRIPTION: Other Organic Solids
TONS: 0.2200 DISPOSAL METHOD: Transfer Station

YEAR: 94 CATEGORY DESCRIPTION: Laboratory Waste Chemicals
TONS: 0.0150 DISPOSAL METHOD: Transfer Station

YEAR: 95 CATEGORY DESCRIPTION: Laboratory Waste Chemicals
TONS: 0.0050 DISPOSAL METHOD: Recycler

YEAR: 95 CATEGORY DESCRIPTION: Blank Or Unknown
TONS: 0.2293 DISPOSAL METHOD: Disposal, Injection Well

YEAR: 95 CATEGORY DESCRIPTION: Blank Or Unknown
TONS: 0.2468 DISPOSAL METHOD: Recycler

YEAR: 95 CATEGORY DESCRIPTION: Alkaline Solution (ph >= 12.5) With Metals
TONS: 0.2293 DISPOSAL METHOD: Disposal, Injection Well

YEAR: 95 CATEGORY DESCRIPTION: Alkaline Solution (ph >= 12.5) With Metals
TONS: 0.4586 DISPOSAL METHOD: Recycler

YEAR: 95 CATEGORY DESCRIPTION: Alkaline Solution Without Metals Ph >= 12.5
TONS: 0.4587 DISPOSAL METHOD: Recycler

YEAR: 95 CATEGORY DESCRIPTION: Oxygenated Solvents (acetone, Butanol, Ethyl Acetate, Etc.)
TONS: 16.3337 DISPOSAL METHOD: Recycler

YEAR: 95 CATEGORY DESCRIPTION: Waste Oil And Mixed Oil
TONS: 1.2500 DISPOSAL METHOD: Recycler

YEAR: 95 CATEGORY DESCRIPTION: Unspecified Oil-containing Waste
TONS: 0.9174 DISPOSAL METHOD: Recycler

YEAR: 95 CATEGORY DESCRIPTION: Off-specification, Aged Or Surplus Organics
TONS: 0.9174 DISPOSAL METHOD: Recycler

YEAR: 95 CATEGORY DESCRIPTION: Organic Solids With Halogens
TONS: 0.6500 DISPOSAL METHOD: Recycler

YEAR: 95 CATEGORY DESCRIPTION: Other Organic Solids
TONS: 0.2293 DISPOSAL METHOD: Disposal, Injection Well

YEAR: 95 CATEGORY DESCRIPTION: Other Organic Solids
TONS: 0.6879 DISPOSAL METHOD: Recycler

YEAR: 95 CATEGORY DESCRIPTION: Laboratory Waste Chemicals
TONS: 0.7500 DISPOSAL METHOD: Recycler

YEAR: 95 CATEGORY DESCRIPTION: Liquids With Halogenated Organic Compounds >= 1,000 Mg./l
TONS: 1.8346 DISPOSAL METHOD: Recycler

YEAR: 95 CATEGORY DESCRIPTION: Liquids With Ph <= 2 With Metals
TONS: 1.8348 DISPOSAL METHOD: Disposal, Injection Well

YEAR: 95 CATEGORY DESCRIPTION: Liquids With Ph <= 2 With Metals
TONS: 2.0640 DISPOSAL METHOD: Recycler

YEAR: 95 CATEGORY DESCRIPTION: Other Empty Containers 30 Gallons Or More
TONS: 0.4300 DISPOSAL METHOD: Recycler

YEAR: 95 CATEGORY DESCRIPTION: Other Inorganic Solid Waste
TONS: 1.9000 DISPOSAL METHOD: Disposal, Landfill

YEAR: 95 CATEGORY DESCRIPTION: Unspecified Sludge Waste
TONS: 0.7500 DISPOSAL METHOD: Disposal, Landfill

YEAR: 95 CATEGORY DESCRIPTION: Unspecified Sludge Waste
TONS: 3.6000 DISPOSAL METHOD: Treatment, Tank

YEAR: 95 CATEGORY DESCRIPTION: Off-specification, Aged Or Surplus Organics
TONS: 0.1025 DISPOSAL METHOD: Transfer Station

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA HAZARDOUS WASTE INFORMATION SYSTEM
HWIS - UNPLOTTABLE SITES

ERIIS Report #239972A Apr 21, 1998

ERIIS ID FACILITY
EPA ID ADDRESS

YEAR: 95 CATEGORY DESCRIPTION: Other Organic Solids
TONS: 0.0125 DISPOSAL METHOD: Transfer Station

YEAR: 96 CATEGORY DESCRIPTION: Other Inorganic Solid Waste
TONS: 0.1875 DISPOSAL METHOD: Recycler

YEAR: 96 CATEGORY DESCRIPTION: Other Inorganic Solid Waste
TONS: 0.1375 DISPOSAL METHOD: Treatment, Incineration

YEAR: 96 CATEGORY DESCRIPTION: Waste Oil And Mixed Oil
TONS: 0.2293 DISPOSAL METHOD: Recycler

YEAR: 96 CATEGORY DESCRIPTION: Other Organic Solids
TONS: 0.1500 DISPOSAL METHOD: Recycler

YEAR: 96 CATEGORY DESCRIPTION: Other Empty Containers 30 Gallons Or More
TONS: 0.1000 DISPOSAL METHOD: Recycler

YEAR: 96 CATEGORY DESCRIPTION: Asbestos Containing Waste
TONS: 9.2708 DISPOSAL METHOD: Disposal, Landfill

YEAR: 96 CATEGORY DESCRIPTION: Other Inorganic Solid Waste
TONS: 0.3500 DISPOSAL METHOD: Disposal, Landfill

YEAR: 96 CATEGORY DESCRIPTION: Polychlorinated Biphenyls And Material Containing Pcbs
TONS: 0.3500 DISPOSAL METHOD: Disposal, Landfill

YEAR: 96 CATEGORY DESCRIPTION: Unspecified Sludge Waste
TONS: 0.0750 DISPOSAL METHOD: Treatment, Tank

ERIIS LIST OF STREETS IN THE RADIUS

ERIIS Report #239972A Apr 21, 1998

STREET NAME
ABELIA WAY
ADAMS DR
ALMOND CT
ANNAPOLIS ST
ASTER WAY
AZALIA DR
BAY ROAD
BAYLOR ST
BAYSHORE FRWY
BAYSHORE RAMP FRWY
E BAYSHORE ROAD
W BAYSHORE ROAD
BEECH ST
BELL ST
BRENTWOOD CT
BUCHANAN CT
CAMELLIA CT
CAMPHOR WAY
CAPITOL AVE
CLARKE AVE
CONNOLLY CT
COOLEY AVE
CYPRESS ST
DAISY LANE
DAPHNE WAY
DEMETER ST
DINES CT
DONOHOE ST
DREW CT
EMMETT WAY
EUCLID AVE
FARRINGTON WAY
FORDHAM ST
GAILLARDIA WAY
GARDEN ST
GARDENIA WAY
GEORGETOWN ST
GLEN WAY
GLORIA WAY
GONZAGA ST
GRACE CT
GREEN ST
HAZELWOOD WAY
HIBISCUS CT
HUNTER ST
ILLINOIS ST
JASMINE WAY
KAVANAUGH DR
LARKSPUR DR
LAUREL AVE
LILAC LANE
LINCOLN AVE
LITA LANE
LOTUS WAY
MANHATTAN AVE
MICHIGAN AVE
MISSION DR
MYRTLE ST
NEWELL ROAD
NOTRE DAME AVE
OAKDALE AVE
OBRIEN DR
OCONNOR ST
PALO VERDE AVE
PAUL ROBESON CT
PULGAS AVE
PURDUE AVE
RUNNYMEDE ST
RUTGERS ST
RUTH CT
SACRAMENTO ST
SAGE ST
SCHEMBRI LANE
STEVENS AVE

ERIIS LIST OF STREETS IN THE RADIUS

ERIIS Report #239972A Apr 21, 1998

STREET NAME
TARA ROAD
TEMPLE CT
TERRA VILLA ST
UNIVERSITY AVE
URSULA WAY
US HWY 101
VANCE LANE
VERBENA DR
WEEKS ST
WISTERIA DR

1921 RIEGE ROAD SUITE A
SACRAMENTO CA 95815
916-649-3570
800 395-3570
FAX.(916) 649-3819

NORTHWEST ENVIROCON INC.

ENVIRONMENTAL ENGINEERING

INDUSTRIAL HYGIENE

CONSTRUCTION MANAGEMENT

LABORATORY SERVICES

MAINTENANCE ENGINEERING

ASBESTOS SERVICES

ENVIRONMENTAL TRAINING

May 20, 1998

TO: Mr. Leon Glaster
Ravenswood City School District
FROM: Dennis Scherzer
RE: Request for information.

As per your request please find a copy of the Executive Summary submitted to the RCSD Board of Trustees at their May 12, 1998 meeting.

Please feel free to call me if there is anything else that you need.

Thank you,

Dennis C. Scherzer, REA
2261 Clarke Avenue
East Palo Alto, CA 94303
PHONE/FAX 650 323-5804
pager: 916 857-9077

828 TRIBUTE ROAD SUITE A
SACRAMENTO CA 95815
916 649-3570
800 395-3570
FAX 916 649-3819

NORTHWEST ENVIROCON INC.

ENVIRONMENTAL ENGINEERING

INDUSTRIAL HYGIENE

CONSTRUCTION MANAGEMENT

REMEDIATION

REMEDIAL ENGINEERING

ASBESTOS SERVICES

ENVIRONMENTAL TRAINING

FAX COVER SHEET

May 5, 1998

TO: Mr. Leon Glaster
Ravenswood City School District
FROM: Dennis Scherzer
RE: Task list

I need information on the following items:

- When was the 1286 Runnymede site constructed?
- What is the total square footage of the building footprint?

- I need for you to complete the site screen questionnaire and FAX it to me ASAP. 650 323-5804.

- I need confirmation on the inspection date/time. I can go this afternoon. If not this afternoon, then Thursday is my next opportunity.

- I need to interview you regarding your interactions with Rhone-Poulenc, Geomatrix, and any regulatory agencies regarding the site.

Thank you,

Dennis C. Scherzer, REA
2261 Clarke Avenue
East Palo Alto, CA 94303
PHONE/FAX 650 323-5804
pager: 916 857-9077

2261 TRIBUTE ROAD SUITE A
SACRAMENTO CA 95815
916-649-3570
800-395-3570
FAX:(916) 649-3819

NORTHWEST ENVIROCON INC.

ENVIRONMENTAL ENGINEERING

CIVIL

CONSTRUCTION MANAGEMENT

INDUSTRIAL

MUNICIPAL

May 5, 1998

Mr. Lee Hawkins, General Manager
East Palo Alto Sanitary District
901 Weeks Street
East Palo Alto, California

Dear Mr. Hawkins,

Thank you for your reply to my April 23, 1998 request for file review. Although I realize that in my role as Director I may have a more immediate access to public file at EPASD, the purpose of my research is based upon my assigned tasks through my employer, Northwest Envirocon. I feel that under these circumstance, it is more prudent for me to approach the file review process as a member of the public.

I don't anticipate finding record of any sewer discharge violations at the 1286 Runnymede site, however I am bound by due dilligence to request any information that may exist regarding such violations, if any. My primary interest concerns information that is in EPASD files regarding the following properties and/or companies in East Palo Alto:

Catalytica Fine Chemicals	1990 Bay Road
Rhone Poulenc	1990 Bay Road
Zoecon	1990 Bay Road
Sandoz Crop Protection (Sandoz Agro)	1990 Bay Road
Wilson Property	1275 Runnymede Street
Cal Mac Property (APN #063-240-042) (also known as Torres property)	1175 Weeks Street

Thank you,

Dennis C. Scherzer, REA
2261 Clarke Avenue
East Palo Alto, CA 94303
PHONE/FAX 650 323-5804
pager: 916 857-9077

EAST PALO ALTO SANITARY DISTRICT

901 Weeks St.
P.O. Box 51686
East Palo Alto, CA 94303
(650) 325-9021
(fax) (650)325-5173

LEROY HAWKINS, GENERAL MANAGER

May 1, 1998

Dennis C. Scherzer
2261 Clarke Avenue
East Palo Alto, CA 94303

Dear Dennis:

The District is in receipt of your letter dated April 23, 1998, requesting an appointment to review certain files involving property located at 1286 Runnymede Street.

While I am sure you know, that as a Board Director any public documents can be made available for review upon request. We will contact you with a date and time to review the documents. In the meantime, if you need further information or need to speak with me, you can phone me at the District office.

Sincerely,

Leroy Hawkins
General Manager

cc: Board of Directors

1628 TRIBUTE ROAD SUITE A
SACRAMENTO CA 95815
916 649-3570
800-395-3570
FAX 916 649-3819

NORTHWEST ENVIROCON INC.

ENVIRONMENTAL ENGINEERING

INDUSTRIAL HYGIENE

CONSTRUCTION MANAGEMENT

LABORATORY SERVICES

FACILITY MAINTENANCE ENGINEERING

ASBESTOS SERVICES

ENVIRONMENTAL PLANNING

May 1, 1998

TO: Ron Keefer
Menlo Park Fire Protection District
FROM: Dennis Scherzer
RE: File review

I would like to review any hazardous materials related files that you may have for the following site in East Palo Alto:

Runnymede School 1286 Runnymede Street

Please contact me at 650 323-5804 to schedule a file review appointment.

Thank you,

Dennis C. Scherzer, REA
2261 Clarke Avenue
East Palo Alto, CA 94303
PHONE/FAX 650 323-5804
pager: 916 857-9077

100 Pine Street, 10th Floor
San Francisco, CA 94111
(415) 434-9400 • FAX (415) 434-1365

GEOMATRIX

Transmittal

Date	30 April 1998
To	Mr. Dennis C. Scherzer
	Northwest Envirocon Inc.
	2261 Clarke Avenue
	East Palo Alto, California 94303
Project Number	1220
Project Name	Bay Road

Transmitted Via

☐ Messenger
☐ U.S. Mail
☐ Overnight Mail
Tel. # 650-323-5804
☐ Fax
Fax #
Total Pages

Item	Description
1	Soil Investigation Report and Remediation Plan Ravenswood School District Property, July 30, 1997 (Vol. I & II)
2	Remedial Action Implementation Report Ravenswood School District Property, February 27, 1998
3	Shallow Groundwater Investigation South of Weeks Street Area, September 2, 1997
4	Annual Groundwater Monitoring Report July 1998 – June 1997, July 14, 1997
5	Perimeter Groundwater Monitoring System – Proposed Modifications 1990 Bay Road Site, November 14, 1997

Remarks: The documents you requested are enclosed.

From: Mike Rafferty

CC: MSP, MdW

Geomatrix Consultants, Inc.
Engineers, Geologists, and Environmental Scientists

826 TRIBUTE ROAD SUITE A
SACRAMENTO CA 95815
916-649-3570
800-395-3570
FAX:(916) 649-3819

NORTHWEST ENVIROCON INC.

ENVIRONMENTAL ENGINEERING

INDUSTRIAL HYGIENE

CONSTRUCTION MANAGEMENT

LABORATORY SERVICES

MAINTENANCE ENGINEERING

ASBESTOS SERVICES

ENVIRONMENTAL TRAINING

April 29, 1998

Mr. Phil Bobel
Palo Alto Regional Water Quality Control Plant
2501 Embarcadero Way
Palo Alto, California

Dear Mr. Bobel,

Northwest Envirocon, Inc. has been retained by the Ravenswood City School District to perform a Phase I Environmental Site Assessment on the Runnymede School Campus located at 1286 Runnymede Street. I am the Registered Environmental Assessor assigned to conduct the site investigation and prepare the report.

I would like to schedule an appointment to review any files that you may have regarding sewage sampling along the EPASD trunkline to test for arsenic originating from the 1990 Bay Road site. Additionally, I would like to review any information that is in your files regarding the following properties and/or companies in East Palo Alto:

Catalytica Fine Chemicals	1990 Bay Road
Rhone Poulenc	1990 Bay Road
Zoecon	1990 Bay Road
Sandoz Crop Protection (Sandoz Agro)	1990 Bay Road
Wilson Property	1275 Runnymede Street
Cal Mac Property (APN #063-240-042)	1175 Weeks Street

Please contact me at 650 323-5804 to schedule a file review appointment.

Thank you,

Dennis C. Scherzer, REA
2261 Clarke Avenue
East Palo Alto, CA 94303
PHONE/FAX 650 323-5804
pager: 916 857-9077

HAZMAT MANAGEMENT

1528 TRIBUTE ROAD SUITE A
SACRAMENTO CA 95815
916-649-3570
800-395-3570
FAX (916) 649-3819

NORTHWEST ENVIROCON INC.

ENVIRONMENTAL ENGINEERING

INDUSTRIAL HYGIENE

CONSTRUCTION MANAGEMENT

LABORATORY SERVICES

MAINTENANCE ENGINEERING

ASBESTOS SERVICES

ENVIRONMENTAL PERMITTING

April 29, 1998

Mr. Michael T. Rafferty, Project Manager
Geomatrix Consultants, Inc.
100 Pine Street, 10th Floor
San Francisco, California 94111

Dear Mr. Rafferty,

Thank you for your prompt response to my inquiry about documents relating to the Runnymede School site in East Palo Alto. Please send them to me Fed-X at the following address:

2261 Clarke Avenue
East Palo Alto, CA 94303

If necessary, you can bill the Fed-X (3rd party) to our corporate account # 1145-1247-8.

Thank you again for your assistance with this matter.

Sincerely,

Dennis C. Scherzer, REA
PHONE/FAX **650 323-5804**
pager: **916 857-9077**

2828 TRIBUTE ROAD SUITE A
SACRAMENTO CA 95815
916 649-3570
800 345-3570
FAX 916 649-3819

NORTHWEST ENVIROCON INC.

ENVIRONMENTAL ENGINEERING

CONSTRUCTION MANAGEMENT

LABORATORY

WATER PLANNING ENGINEERING

FAX COVER SHEET

April 29, 1998

TO: Mr. Leon Glaster
Ravenswood City School District
FROM: Dennis Scherzer
RE: Questionnaire - 1286 Runnymede Street/
East Palo Alto

For the purposes of this Phase I Environmental Site Assessment, it is necessary that you designate someone to be the Key Site Manager:

The Key Site Manager is that person having the best reliable knowledge as to the previous uses and current conditions of the subject Property, and in a position to provide reasonably accurate information for the Field Transaction Screen Questionnaire.

Please have the Key Site Manager complete this questionnaire and FAX it to me ASAP. 650 323-5804.

Thank you,

Dennis C. Scherzer, REA
2261 Clarke Avenue
East Palo Alto, CA 94303
PHONE/FAX 650 323-5804
pager: 916 857-9077

828 TRIBUTE ROAD SUITE A
SACRAMENTO CA 95815
916-649-3570
800-395-3570
FAX (916) 649-3819

April 29, 1998

Mr. Michael T. Rafferty, Project Manager
Geomatrix Consultants, Inc.
100 Pine Street, 10th Floor
San Francisco, California 94111

Dear Mr. Rafferty,

Northwest Envirocon, Inc. has been retained by the Ravenswood City School District to perform a Phase I Environmental Site Assessment on the Runnymede School Campus located at 1286 Runnymede Street. I am the Registered Environmental Assessor assigned to conduct the site investigation and prepare the report.

I would like to purchase copies of the following reports prepared by Geomatrix:

Soil Investigation Report and Remediation Plan Ravenswood School District Property **July 30, 1997 (Vol. I & II)**

Remedial Action Implementation Report Ravenswood School District Property **February 27, 1998**

Shallow Groundwater Investigation South of Weeks Street Area **September 2, 1997**

Annual Groundwater Monitoring Report July 1996 - June 1997 **July 14, 1997**

Report RE: sampling along sanitary sewer line on the 1275 Runnymede property. November 15, 1997

Please contact me to schedule a time when I can pick up these documents.

Thank you,

Dennis C. Scherzer, REA
PHONE/FAX **650 323-5804**
pager: **916 857-9077**

1828 TRIBUTE ROAD SUITE A
SACRAMENTO CA 95815
916-649-3570
800-395-3570
FAX (916) 649-3819

April 23, 1998

Mr. Lee Hawkins, General Manager
East Palo Alto Sanitary District
901 Weeks Street
East Palo Alto, California

Dear Mr. Hawkins,

Northwest Envirocon, Inc. has been retained by the Ravenswood City School District to perform a Phase I Environmental Site Assessment on the Runnymede School Campus located at 1286 Runnymede Street. I am the Registered Environmental Assessor assigned to conduct the site investigation and prepare the report.

I would like to schedule an appointment to review any files that you may have regarding sewer discharge violations at the 1286 Runnymede site. Additionally, I would like to review any information that is in your files regarding the following properties and/or companies in East Palo Alto:

Catalytica Fine Chemicals	1990 Bay Road
Rhone Poulenc	1990 Bay Road
Zoecon	1990 Bay Road
Sandoz Crop Protection (Sandoz Agro)	1990 Bay Road
Wilson Property	1275 Runnymede Street
Cal Mac Property (APN #063-240-042)	1175 Weeks Street

Please contact me at 650 323-5804 to schedule a file review appointment.

Thank you,

Dennis C. Scherzer, REA
2261 Clarke Avenue
East Palo Alto, CA 94303
PHONE/FAX 650 323-5804
pager: 916 857-9077

1828 TRIBUTE ROAD SUITE A
SACRAMENTO CA 95815
916-649-3570
800-395-3570
FAX-(916) 649-3819

NORTHWEST ENVIROCON INC.

ENVIRONMENTAL ENGINEERING

INDUSTRIAL HYGIENE

CONSTRUCTION MANAGEMENT

LABORATORY SERVICES

MAINTENANCE ENGINEERING

ASBESTOS SERVICES

ENVIRONMENTAL PLANNING

FAX COVER SHEET

April 22, 1998

TO: Dr. Charlie Mae Knight
Ravenswood City School District
FROM: Dennis Scherzer
RE: Questionnaire - 1286 Runnymede Street/
East Palo Alto

For the purposes of this Phase I Environmental Site Assessment, it is necessary that you designate someone to be the Key Site Manager:

The Key Site Manager is that person having the best reliable knowledge as to the previous uses and current conditions of the subject Property, and in a position to provide reasonably accurate information for the Field Transaction Screen Questionnaire.

Please have the Key Site Manager complete this questionnaire and FAX it to me ASAP. 650 323-5804.

Thank you,

Dennis C. Scherzer, REA
2261 Clarke Avenue
East Palo Alto, CA 94303
PHONE/FAX 650 323-5804
pager: 916 857-9077

OFFICES OF ENVIRONMENTAL

528 TRIBUTE ROAD SUITE A
SACRAMENTO CA 95815
916-649-3570
800-395-3570
FAX: 916: 649-3819

NORTHWEST ENVIROCON INC.

ENVIRONMENTAL ENGINEERING

INDUSTRIAL HYGIENE

CONSTRUCTION MANAGEMENT

LABORATORY SERVICES

WATER QUALITY ENGINEERING

HAZARDOUS WASTE

ENVIRONMENTAL PLANNING

April 22, 1998

Mr. Brad LaMont, Vice President
Romic Environmental Technologies Corporation
2081 Bay Road
East Palo Alto, California

Dear Mr. LaMont,

I would like to review any information that is in your files regarding Romic's listing in the following environmental databases:

CERCLIS-NFRAP	No Further Remedial Action Planned Site
HWS	California Calsites
RCRIS CA	RCRA Corrective Action

I am including the database refernces as they were delivered to me by Environmental Risk Information & Imaging Services (ERIIS).

Thank you,

Dennis C. Scherzer, REA
2261 Clarke Avenue
East Palo Alto, CA 94303
PHONE/FAX 650 323-5804
pager: 916 857-9077

SERVICES LATIN AMERICA

1828 TRIBUTE ROAD SUITE A
SACRAMENTO, CA 95815
916-649-3570
800-395-3570
FAX (916) 649-3819

NORTHWEST ENVIROCON INC.

ENVIRONMENTAL ENGINEERING

INDUSTRIAL HYGIENE

CONSTRUCTION MANAGEMENT

LABORATORY SERVICES

MAINTENANCE ENGINEERING

ASBESTOS SERVICES

ENVIRONMENTAL PLANNING

SERVICES NATIONWIDE

April 22, 1998

TO: Josie
San Mateo County
Department of Environmental Health

FROM: Dennis Scherzer
Northwest Envirocon

RE: File Review

I would like to review the LUST files for the following sites in East Palo Alto:

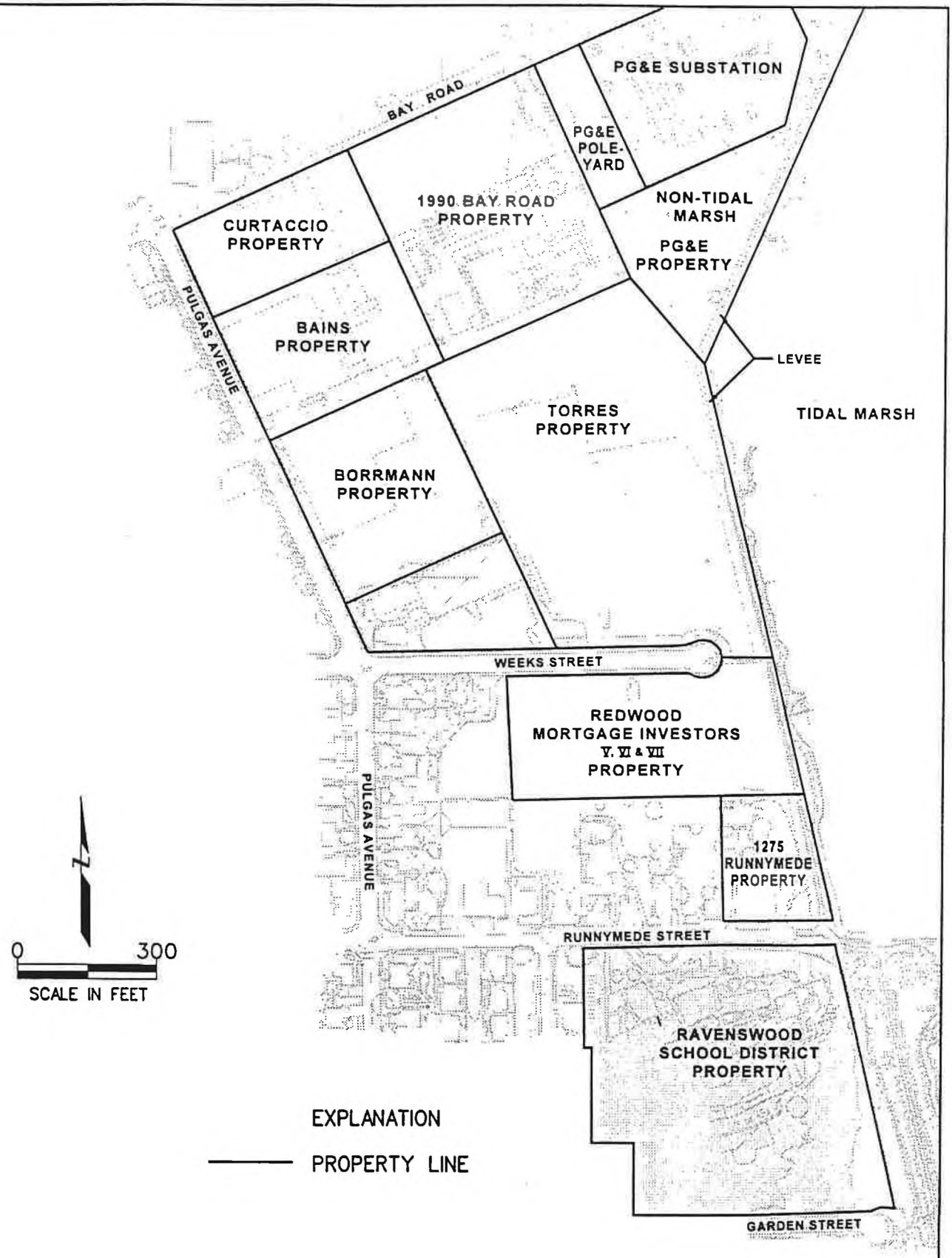
R. E. Borrmann	2450 Pulgas Avenue
Pitcher Drilling	2447 Pulgas Avenue
Peck & Hiller	2479 Pulgas Avenue
Pick & Save Auto Wreckers	1985 Bay Road
Iwasaki Nursery	2519 Pulgas Avenue
Touchatt Trucking	2450 Pulgas Avenue

I would also like to review any available files for 1286 Runnymede Street.

Sincerely,

Dennis C. Scherzer, REA
Northwest Envirocon, Inc.
650 323-5804 office
916 857-9077 page

FILE REVIEW
INFORMATION



MAP_4mv.pen

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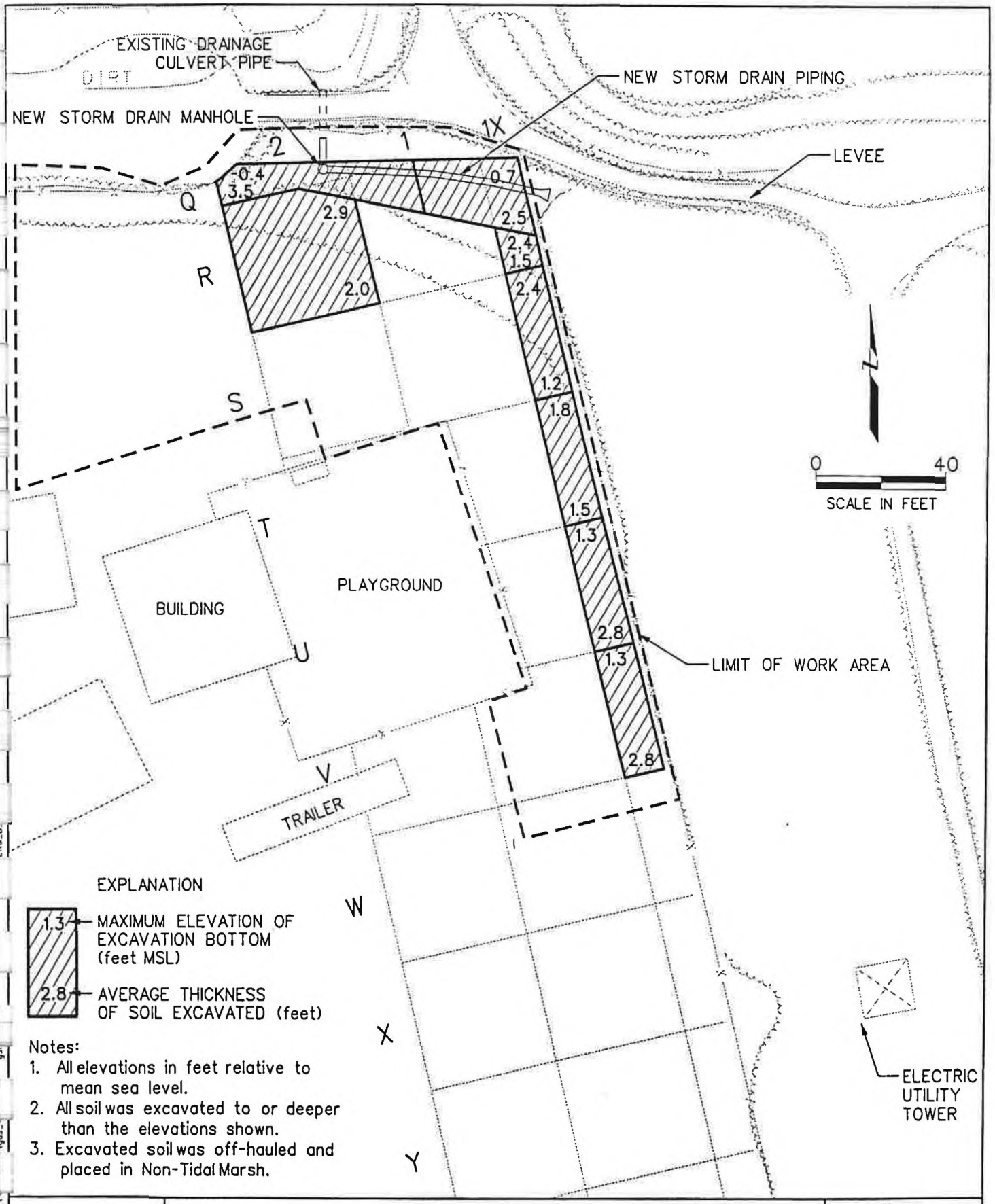
CHECKED:

GEOMATRIX

RAVENSWOOD SCHOOL DISTRICT PROPERTY
1990 Bay Road Site
East Palo Alto, California

Figure
1

Project No.
1220 R



Notes:

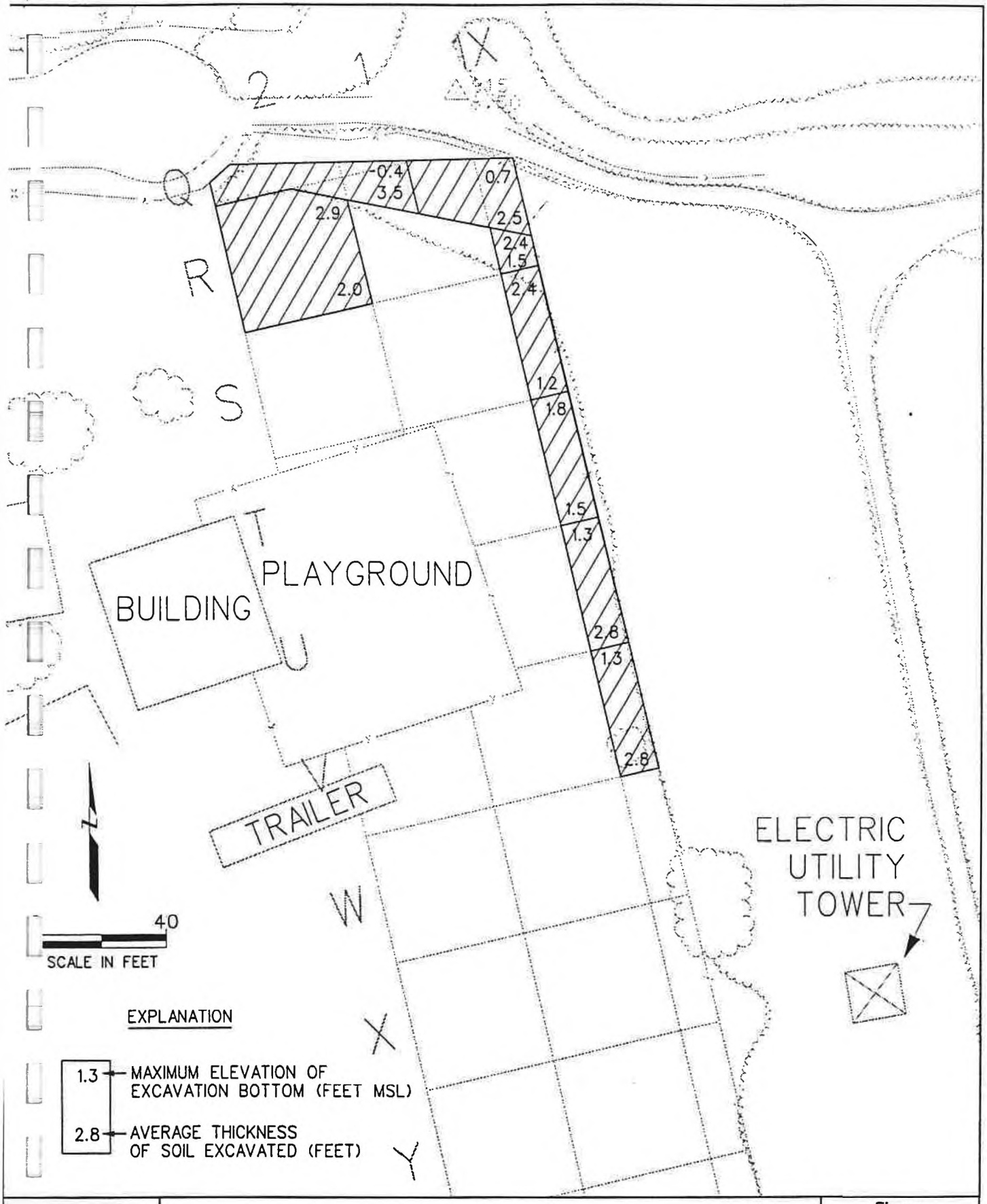
1. All elevations in feet relative to mean sea level.
2. All soil was excavated to or deeper than the elevations shown.
3. Excavated soil was off-hauled and placed in Non-Tidal Marsh.

GEOMATRIX

EXCAVATION PLAN
RAVENSWOOD SCHOOL DISTRICT PROPERTY
1990 Bay Road Site
East Palo Alto, California

Figure 2

Project No. 1220 R

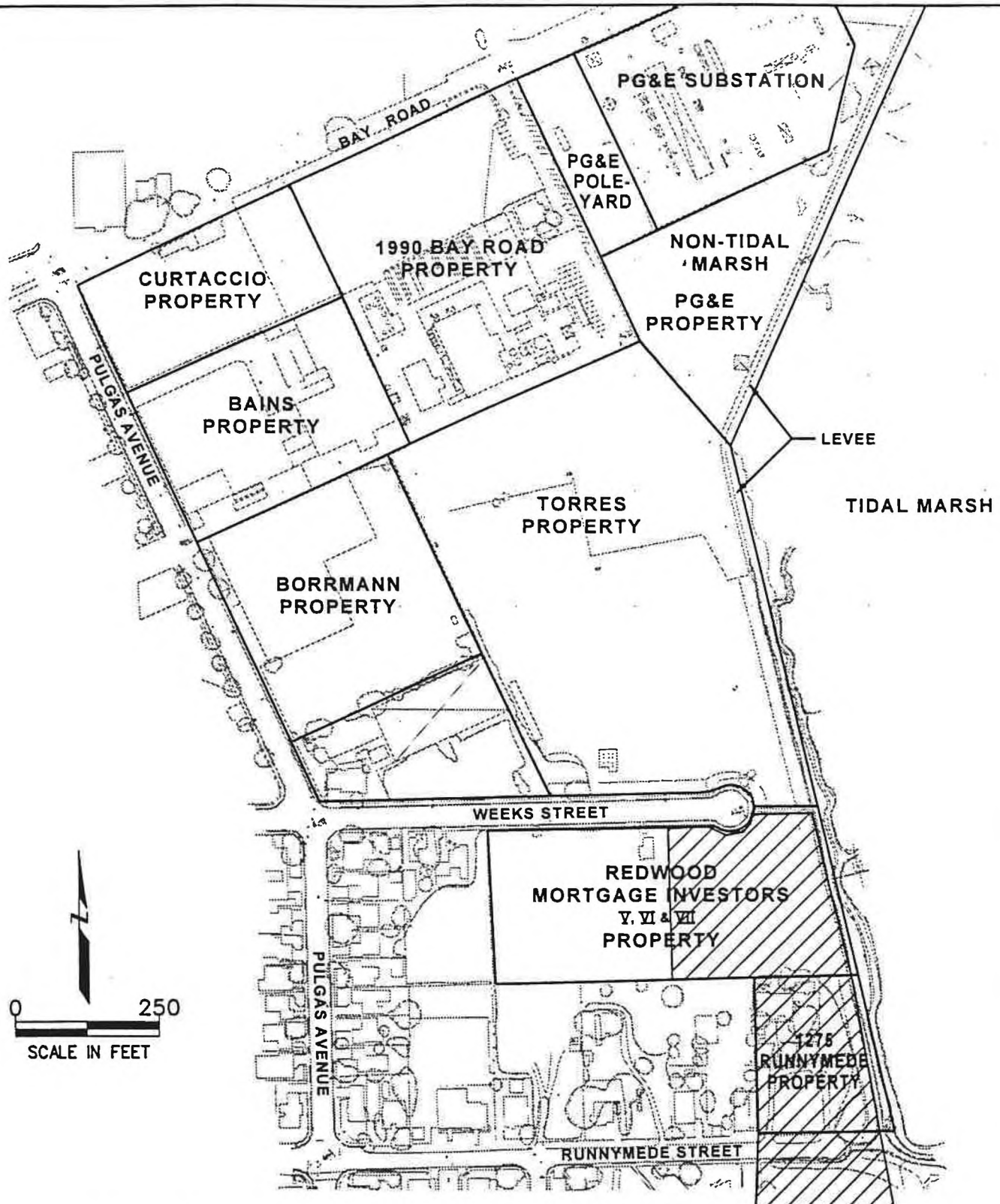


GEOMATRIX

REMEDIATION PLAN
RAVENSWOOD SCHOOL DISTRICT PROPERTY
1990 Bay Road Site
East Palo Alto, California

Figure
3

Project No.
1220 R



GEOMATRIX

SOUTH OF WEEKS SUBAREA

1990 Bay Road Site
East Palo Alto, California

Figure 2

Project No. 1220 R

Phase I
Environmental Site Assessment Field
Field Screen
Questionnaire

To the best of your knowledge, do any of the following documents exist, or have you been made aware of them in the past:

___Yes___No_✓_Unkwn Environmental Site Assessments

___Yes___No_✓_Unkwn Environmental Assessments - Phase I Reports

___Yes___No_✓_Unkwn Environmental Permits

_✓_Yes___No___Unkwn Underground storage tank applications, permits, or registrations GAS TANK - single wall; being removed and replace

___Yes___No_✓_Unkwn Community Right-to-Know Plan, Material Safety Data Sheets, Environmental Safety Plans, Environmental Operations and Maintenance Programs

___Yes_✓_No___Unkwn (1) Is the Property or any Adjoining Property used for an industrial use?

___Yes___No_✓_Unkwn (2) To the best of your knowledge, has the Property or Adjoining Property been used for an industrial use in the past?

_✓_Yes___No_✓_Unkwn (3) Is the Property or any Adjoining Property used as a gasoline station, motor repair facility, commercial printing facility, dry-cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility?
~~District Yard~~

___Yes___No_✓_Unkwn (4) To the best of your knowledge, has the Property or any adjoining Property been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage,disposal, processing, or recycling facility?

_✓_Yes___No_✓_Unkwn (5) Are there currently, or to the best of your knowledge have there been previously, any operations at the Property or within the facility which involved the processing, storage or handling of petroleum in individual containers of greater than five gallons in volume, or fifty gallons in the aggregate.
~~District Office Only - Gasoline~~

___Yes___No_✓_Unkwn (6) Are there currently, or to the best of your knowledge have there been previously, any automotive or industrial batteries in significant quantities, or pesticides, paints, or other chemicals in individual containers of greater than five gallons in volume or fifty gallons in the aggregate, stored on or used at the Property or within the facility.

___Yes___No_✓_Unkwn (7) Are there currently, or to the best of your knowledge have there been previously, any industrial drums (typically 55 gallon) or sacks of chemicals located on the Property or at the facility?

___Yes___No✓Unkwn (8) Has Fill Dirt been brought onto the Property which originated from a contaminated site or which is of an unknown origin?

___Yes___No✓Unkwn (9) Are there currently, or to the best of your knowledge have there been previously, any Pits, Ponds, Surface Impoundments or Lagoons located on the Property in connection with waste treatment or waste disposal?

___Yes___No✓Unkwn (10) Are there currently, or to the best of your knowledge have there been previously, any Incinerators, Injection Wells, Transfer Stations, Waste Recycling Operations, Waste Treatment Detoxification, or Land Disposal Areas located on the Property in connection with waste treatment or waste disposal?

___Yes___No✓Unkwn (11) Is there currently, or to the best of your knowledge has there been previously, any stained soil on the Property?

___Yes✓No___Unkwn (12) Are there currently, or to the best of your knowledge have there been previously, any registered or unregistered above or underground storage tanks located on the Property?

___Yes___No✓Unkwn (13) Are there currently, or to the best of your knowledge have there been previously, any vent pipes, fill pipes or access ways indicating a fill pipe protruding from the ground on the Property or adjacent to any structure located on the Property?

___Yes___No✓Unkwn (14) Are there currently, or to the best of your knowledge have there been previously installed, any urea-formaldehyde foam insulation within the Property?

___Yes___No✓Unkwn (15) Are there currently, or to the best of your knowledge have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water, or are emitting foul odors?

___Yes___No✓Unkwn (16) If the Property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental and or health agency?

___Yes___No✓Unkwn (17) Does the Owner or Occupant of the Property have any knowledge of Environmental Liens or government notification relating to past or current violations of environmental laws with respect to the Property or any facility located on the Property?

___Yes___No✓Unkwn (18) Has the Owner or Occupant of the Property been informed of the past or current existence of hazardous Substances or Petroleum Products or environmental violations with respect to the Property or any facility located on the Property?

✓Yes__No__Unkwn Geo-metric Abatement (19) Does the Owner or Occupant of the Property have any knowledge of any Environmental Site Assessment of the Property or facility that indicated the presence of Hazardous Substances or Petroleum Products on, or contamination of, the Property or recommended further assessment of the Property?

__Yes__No✓Unkwn (20) Does the Owner or Occupant of the Property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any Hazardous Substances or Petroleum Products involving the Property by an Owner or Occupant?

__Yes__No✓Unkwn (21) Does the Property discharge waste water other than storm water, directly to a ditch or stream on or adjacent to the Property?

__Yes__No✓Unkwn (22) To the best of your knowledge, have any Hazardous Substances or Petroleum Products, unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried, and or burned on the Property?

__Yes__No✓Unkwn (23) To the best of your knowledge, have any railroad ties, telephone poles, treated lumber, wooden wire or cable storage reels or spools been dumped above grade, buried, and or burned on the Property?

__Yes__No✓Unkwn (24) To the best of your knowledge, in the past or the present have any railroad tracks or railroad right-of-ways been located on, or adjacent to the Property?

__Yes__No✓Unkwn (25) Is there a transformer, capacitor or any hydraulic equipment for which there are any records indicating the presence of PCBs?

__Yes__No✓Unkwn (26) Are there currently, or to the best of your knowledge, has the Owner or Operator of the Property been required previously to submit, file, or maintain Material Safety Data Sheets (MSDS) or a written Hazard Communication Program?

__Yes__No✓Unkwn (27) Are there currently, or to the best of your knowledge, has the Owner or Operator of the Property been required previously to submit or file to Federal or State agencies a Chemical Contingency Plan, Emergency and Hazardous Chemical Inventory Form, Toxic Chemical Release Form, SARA Title III - Emergency Planning and Community Right-to-Know Act inventory, SARA Title III - Extremely Hazardous Substances inventory, or report under the Emergency Response Notification System?

__Yes__No✓Unkwn (28) To the best of your knowledge, does the Property currently fall within the auspices of Department of Housing and Urban Development (HUD) supplied funding, or is a source of income revenue directly derived from, supplied, or guaranteed by HUD?

This questionnaire was answered:

Date: 5-20-98

Via: ___In Person
___Telephone Conversation
___Sent Registered mail

This questionnaire was answered by:

Name: Leon GLASTER

Signature: Leon Glaster

Title: BUSINESS Manager

Firm: RAVENSWOOD CITY SCHOOL DISTRICT

Date: 5-20-98

This questionnaire was administered and completed by:

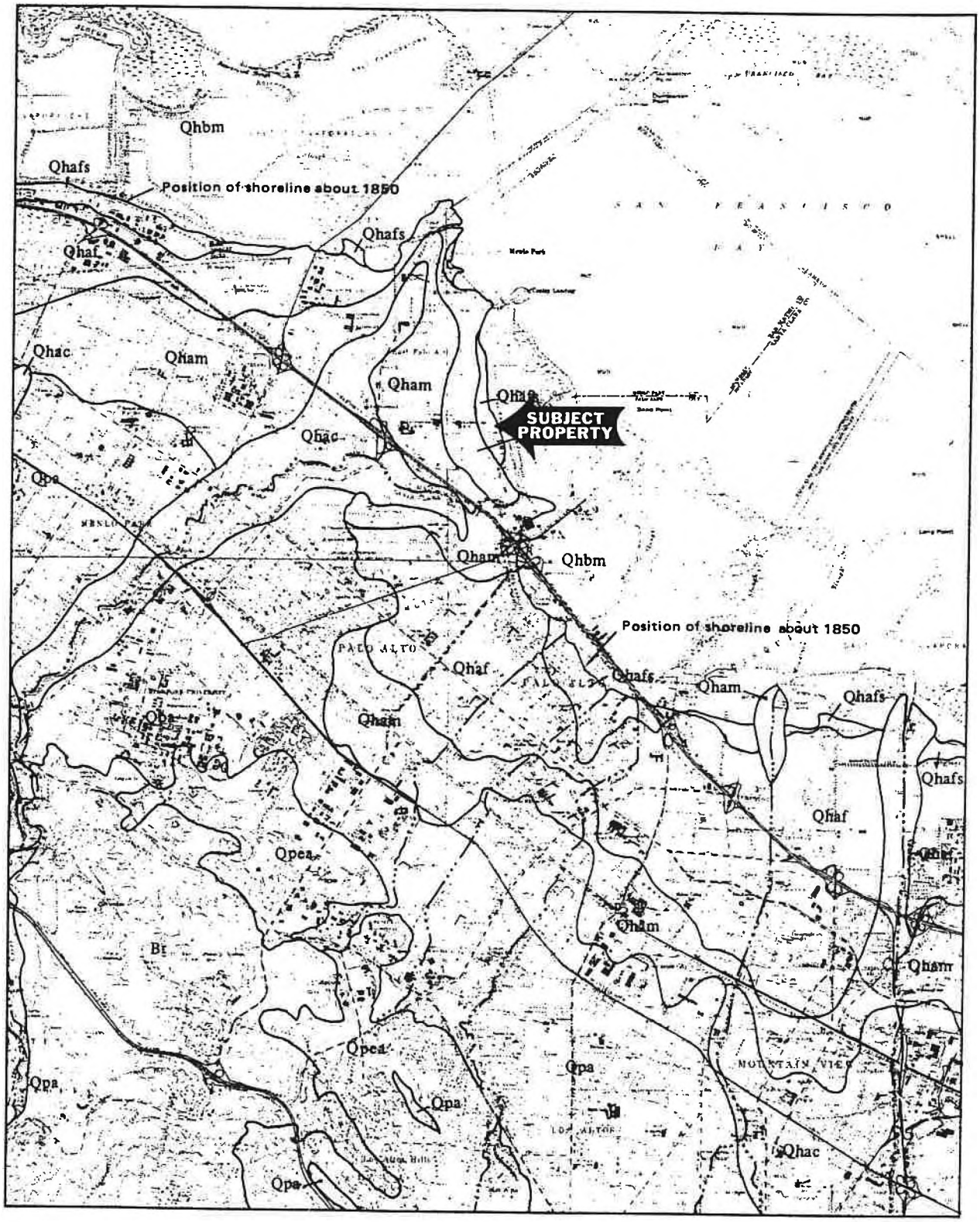
Name: Dennis C. Scherzer

Signature: Dennis C. Scherzer

Title: Registered Environmental Assessor

Date: 5-22-98

Note: This Field Transaction Screen Questionnaire is based upon the American Society of Testing and Materials Transaction Screen E.50.02.1 and the State of Illinois Environmental Disclosure Document for Transfer of Real Property.



Rock units in the Palo Alto area.

FIGURE 18 EXPLANATION
ROCK UNITS IN THE PALO ALTO AREA

Description of Map Units

Holocene deposits (less than 10,000 years old):

Estuarine deposits (0–9,000 years old):

Qhbm Bay mud. Water-saturated estuarine mud; predominantly clay and silty clay underlying marshlands and tidal mudflats of San Francisco Bay. Contains a few lenses of well-sorted fine sand and silt and a few shelly and peaty layers. Interfingers with and grades into fine-grained and medium-grained alluvium; generally overlies early Holocene alluvium or late Pleistocene alluvium 0–120 ft (0–40 m) thick.

Alluvial deposits (0–5,000 years old):

Qhaf Fine-grained alluvium. Plastic, poorly sorted carbonaceous clay and silty clay in poorly drained interfluvial basins marginal to bay marshlands. Locally contains thin beds of well-sorted silt, sand, and fine gravel; contains modern vertebrate fossils and fresh-water gastropod and pelecypod shells. Interfingers with and grades into bay mud and medium-grained alluvium; overlies late Pleistocene alluvium. Generally less than 15 feet (5 m) thick.

Qhafs Salt affected fine-grained alluvium; same as Qhaf but containing high concentration of salt.

Qham Medium-grained alluvium. Loose, moderately drained, moderately sorted sand forming alluvial plains and stream levees. Locally contains beds of well-sorted clay, silt, and gravel; contains modern vertebrate fossils and fresh-water gastropod and pelecypod shells. Intermediate in character and lateral extent between fine-grained and coarse-grained alluvium with which it interfingers; generally overlies late Pleistocene alluvium. Generally less than 21 feet (7 m) thick.

Qhac Coarse-grained alluvium. Loose well-drained, moderately sorted, permeable sand and gravel forming stream levees and flood plains on higher parts of alluvial fans; gravel becomes dominant toward fan heads. Locally contains beds of well-sorted silt, sand, and gravel; contains modern vertebrate fossils and fresh-water pelecypod and gastropod shells. Thickness ranges from as much as 50 feet (15 m) at fan heads to 20 feet (6 m) where these deposits interfinger with and grade into medium-grained alluvium; overlies late Pleistocene alluvium and bedrock.

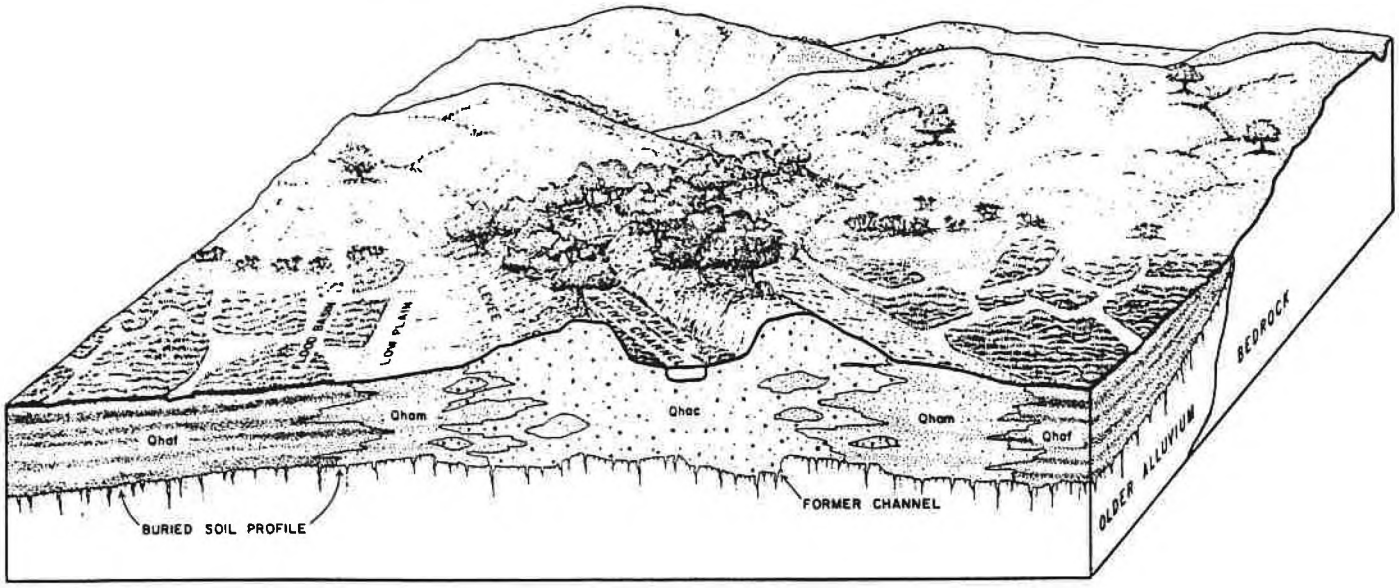
Pleistocene deposits (10,000–3,000,000 years old):

Qpa Late Pleistocene alluvium (10,000–70,000? years old). Weathered, slightly consolidated and indurated alluvial fan deposits consisting primarily of gravel and sand with some silt. Less permeable than Holocene alluvium. Locally contains fresh-water pelecypod and gastropod shells and extinct late Pleistocene vertebrate fossils. Overlain by Holocene deposits on lower parts of alluvial plain; incised by channels that are partly filled with Holocene alluvium on higher parts of alluvial plain. Maximum thickness unknown but at least 150 feet (45 m) near margins of present bay where these deposits overlie deeply buried Pleistocene estuarine deposits.

Bedrock:

Qpea Early Pleistocene and Pliocene alluvium. Tectonically deformed alluvial-fan deposits with local minor amounts of shallow-water marine deposits. Weakly to moderately indurated gravel, sand, and silt with subordinate amounts of lacustrine silt and clay; local thin tuff beds; contains late Pliocene and early Pleistocene vertebrate fossils. Underlies late Pleistocene alluvium; overlies or in fault contact with Franciscan Formation. Consists of the Santa Clara Formation in southwest bay area.

Br Undifferentiated Tertiary bedrock. Well-indurated sandstone, shale, and volcanic rocks. In map area underlies or is in fault contact with Pliocene and early Pleistocene alluvium.



Facies relations in younger alluvial deposits.

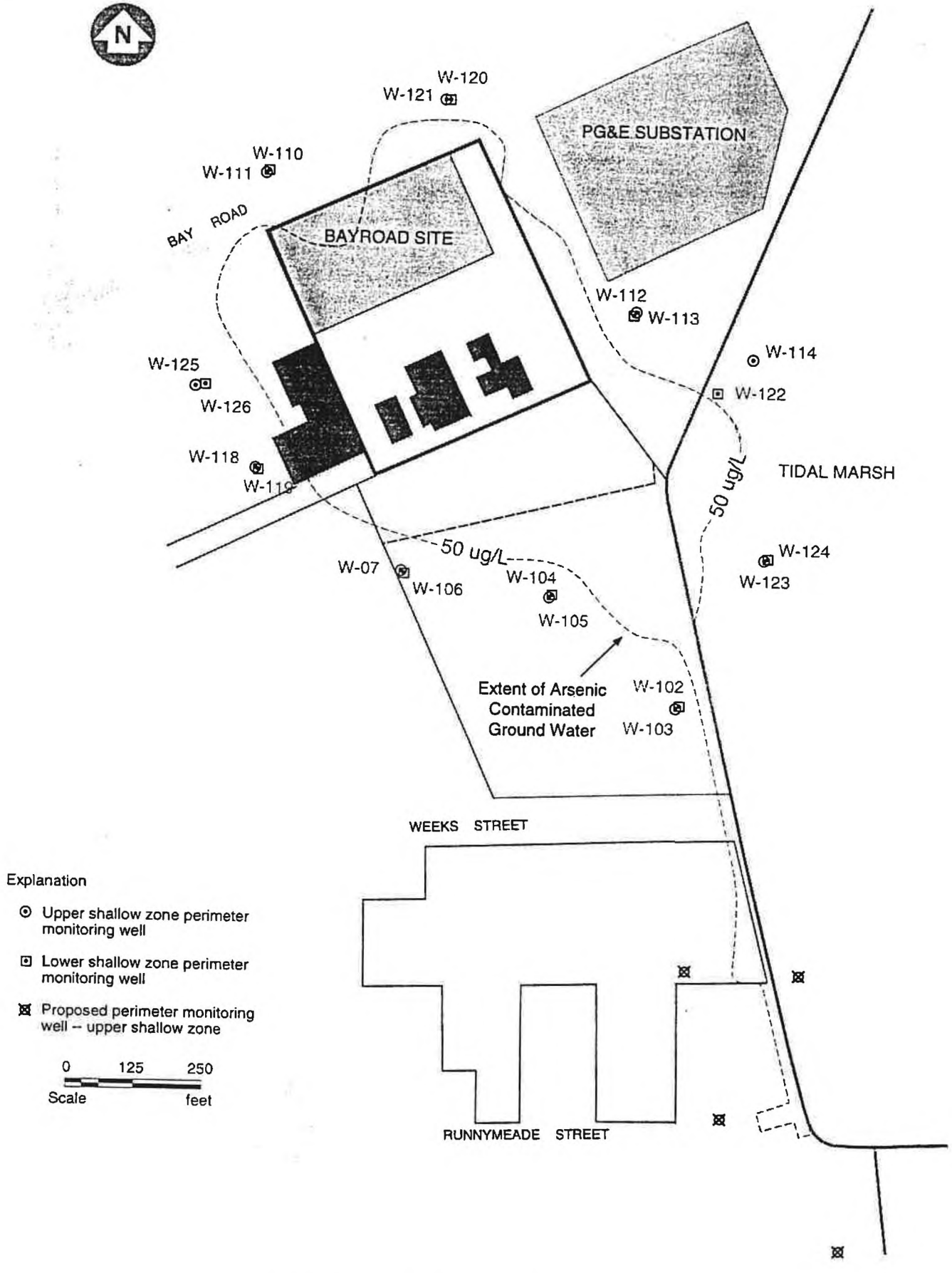


Figure 1 Perimeter Monitoring System

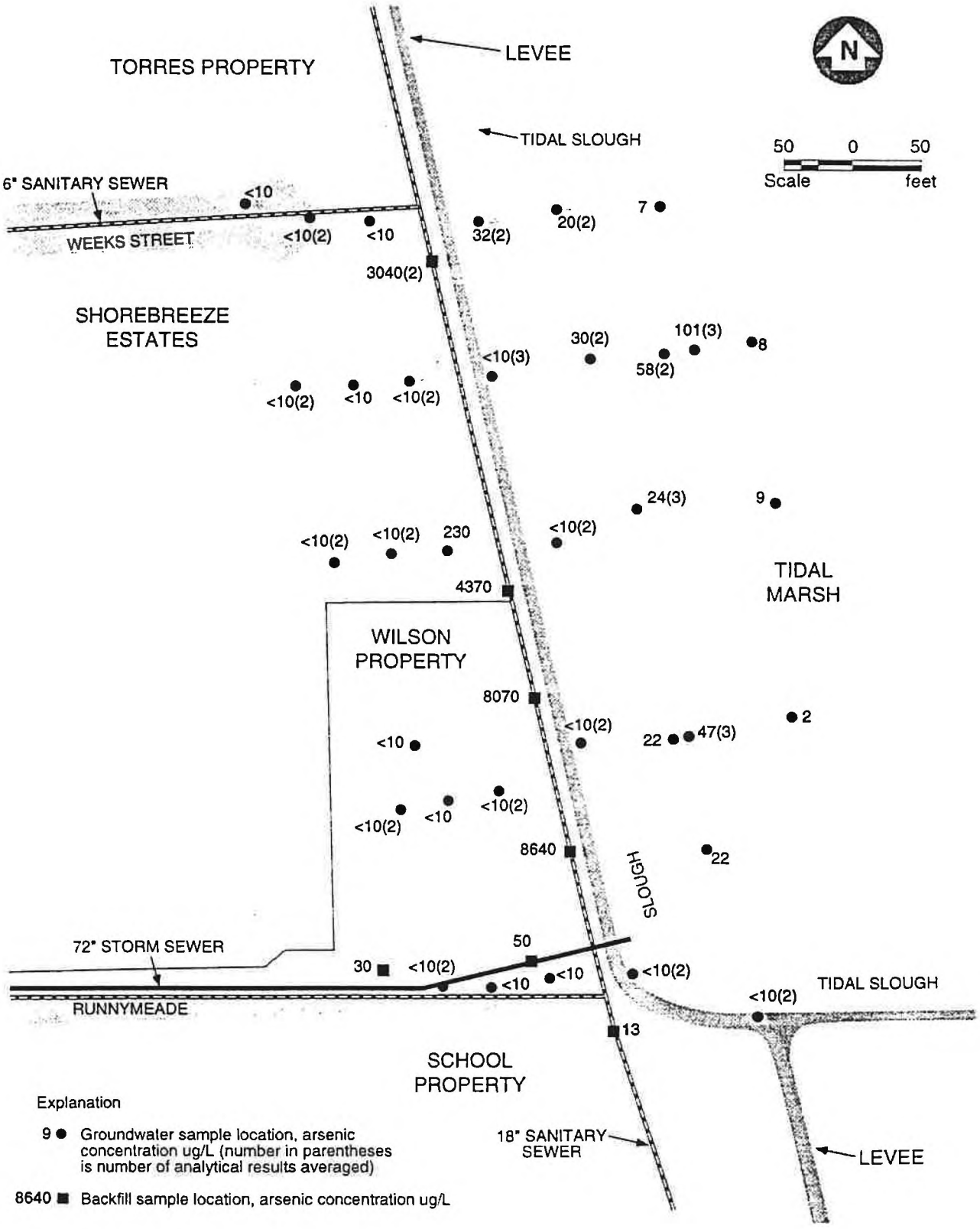


Figure 2 Arsenic Concentrations in Groundwater South of Weeks Street Subarea

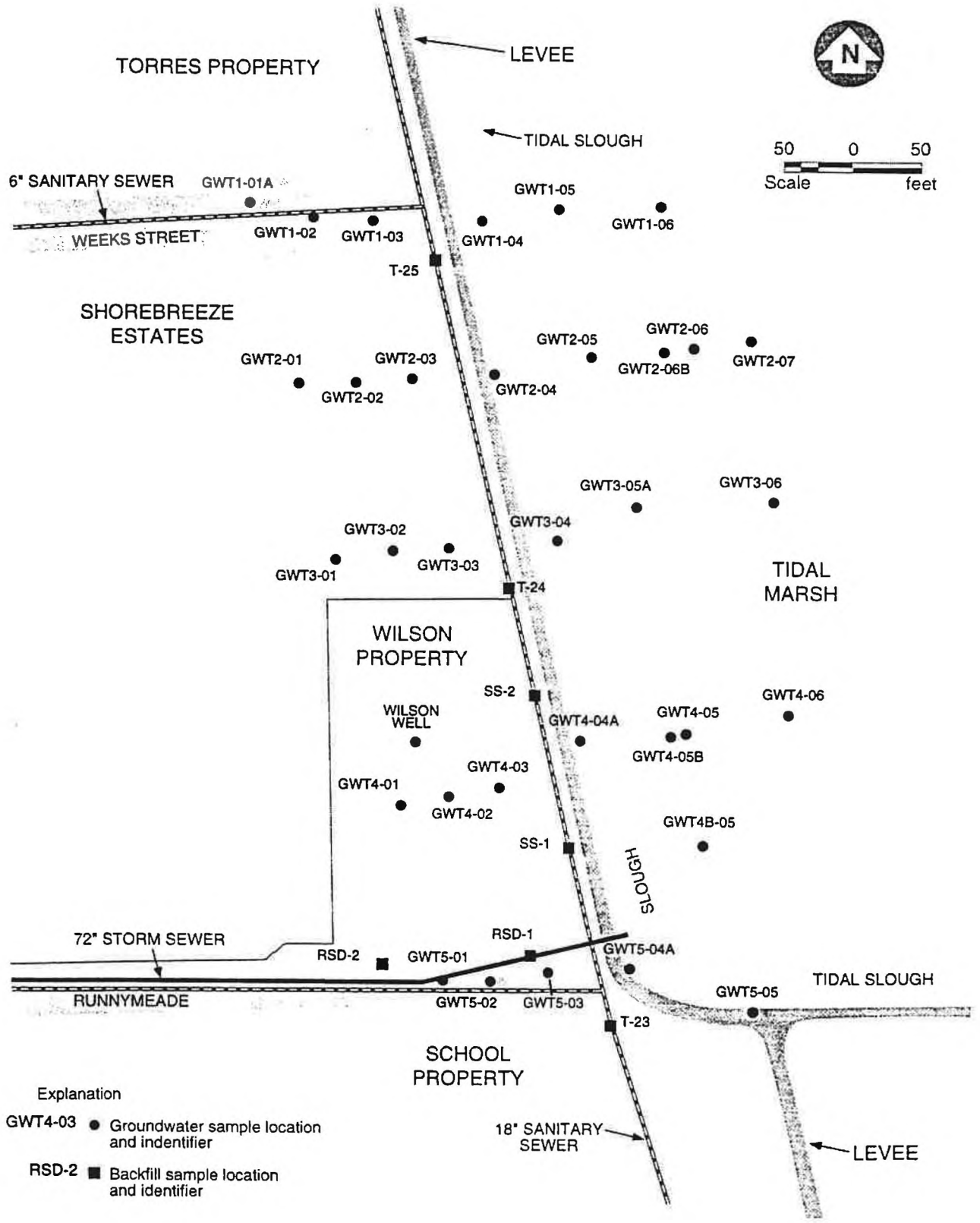
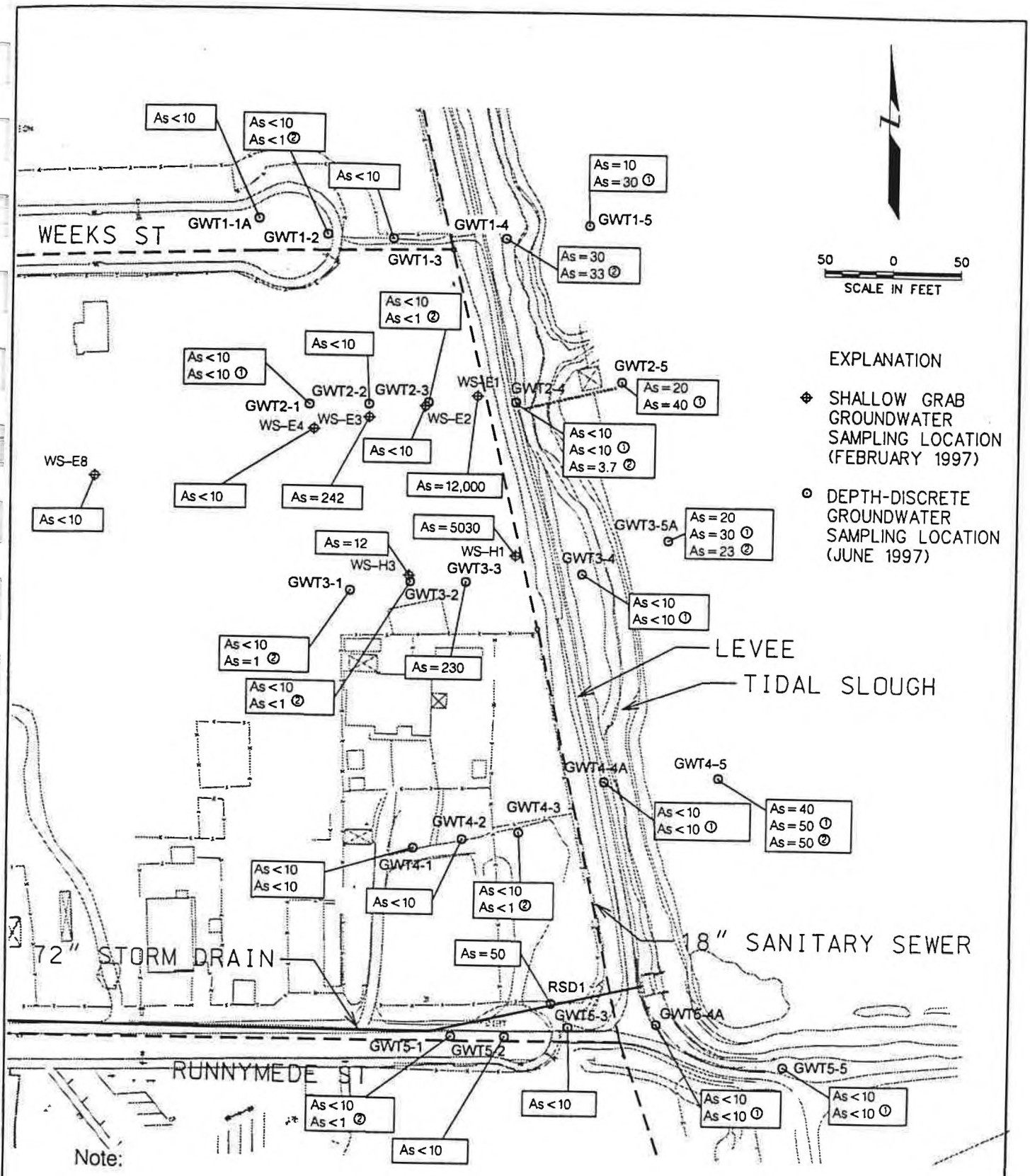


Figure 3 Groundwater Sampling Locations South of Weeks Street Subarea



Note:

Results in $\mu g/l$

① Duplicate sample result

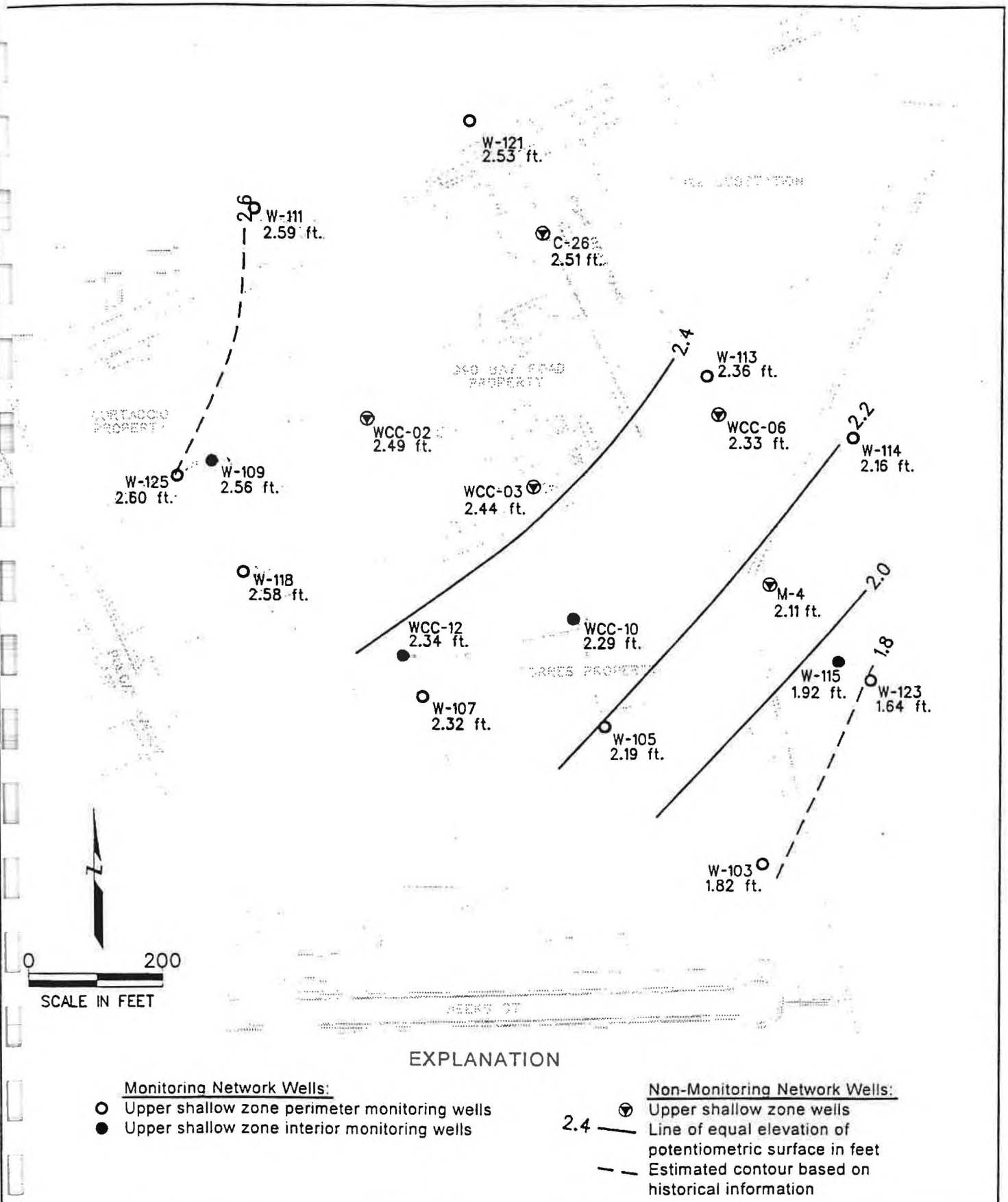
② Analyzed using EPA Method 7061 Hydride AA

GEOMATRIX

DISTRIBUTION OF ARSENIC IN GROUNDWATER
JUNE 1997
South of Weeks Subarea
1990 Bay Road Site
East Palo Alto, California

Figure 5

Project No. 1220 R



EXPLANATION

Monitoring Network Wells:

- Upper shallow zone perimeter monitoring wells
- Upper shallow zone interior monitoring wells

Non-Monitoring Network Wells:

- Upper shallow zone wells

2.4 — Line of equal elevation of potentiometric surface in feet

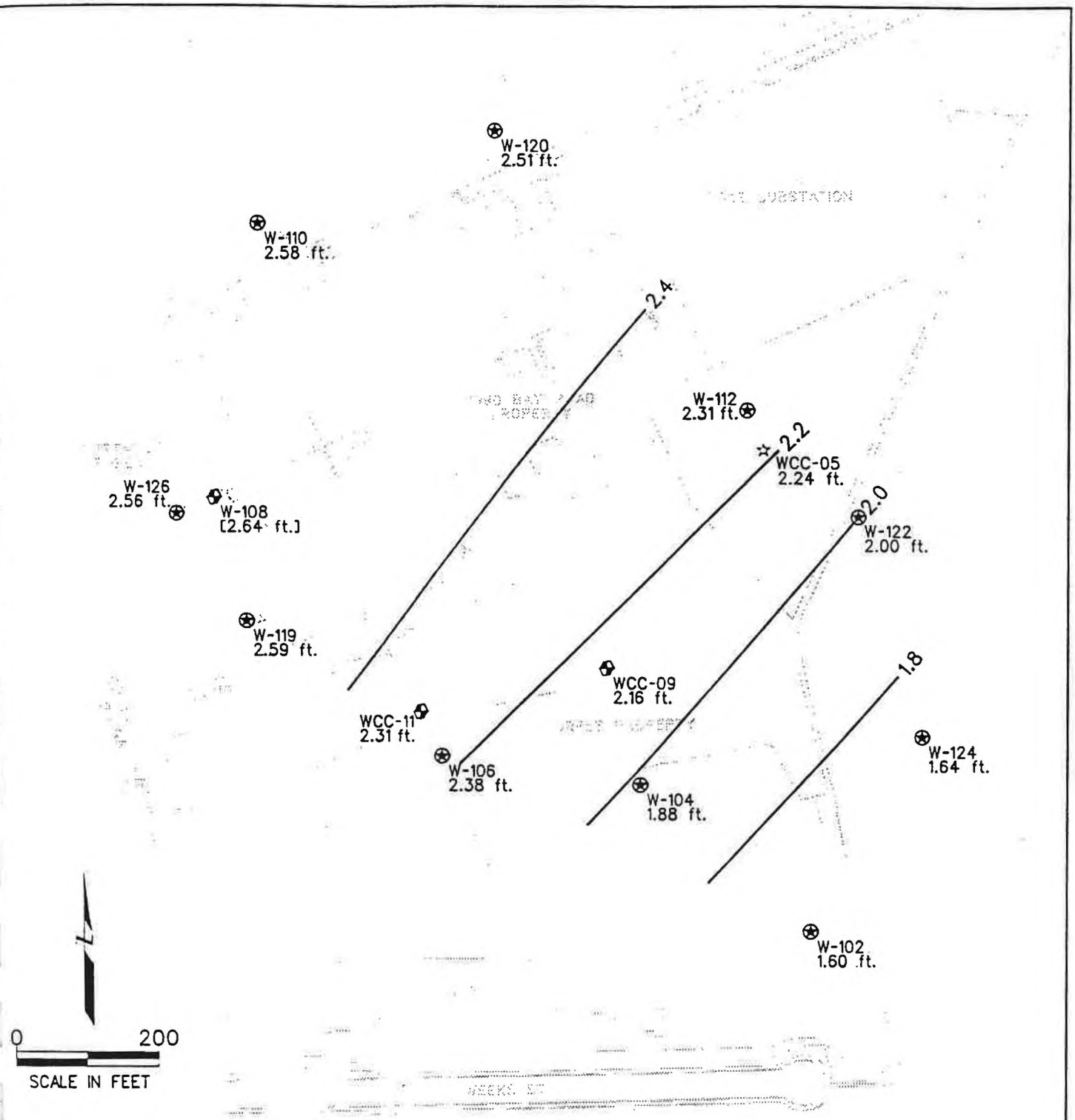
– – Estimated contour based on historical information

GEOMATRIX

WATER-LEVEL ELEVATIONS IN UPPER-SHALLOW GROUNDWATER ZONE
14 APRIL 1997
1990 Bay Road Site
East Palo Alto, California

Figure 7

Project No. 1220B



EXPLANATION

Monitoring Network Wells:

- Lower shallow zone perimeter monitoring wells
- Lower shallow zone interior monitoring wells
- [ ] Data point not used for contouring

Non-Monitoring Network Wells:

- ☆ Lower shallow zone wells
- 2.4 — Line of equal elevation of potentiometric surface in feet

GEOMATRIX

WATER-LEVEL ELEVATIONS IN LOWER-SHALLOW GROUNDWATER ZONE
14 APRIL 1997
1990 Bay Road Site
East Palo Alto, California

Figure 8

Project No. 1220B

TABLE 4-1
Characteristics of Site VOCs
Romic Environmental Technologies Corp.
East Palo Alto, California

	Molecular Weight		Boiling Point		Vapor Pressure		Density		Viscosity		Solubility		Henry's Law Constant		Log K_{ow}(a)		Koc(b)	
Analyte	g/mole	Notes	°C	Notes	mm/Hg @ 20° C	Notes	g/cm^3 @ 20°C	Notes	cp @ 20° C	Notes	mg/l @ 20° C	Notes	atm-m^3/mole 20° C	Notes	unitless	Notes	ml/g	Notes
Acetone	58	2c	56.2	2c	1.86E+02	2c	0.79	2c	0.333	2c	Infinite	2c	3.97E-05@25°C	2c	-0.24	2c	2.80E-01	2c
Benzene	78	2b	80.1	2b	7.60E+01	2b	0.87	2b	0.647	2c	1.78E+03	2b	5.43E-03@25°C	2b	2.13	2b	6.50E+01	2b
Chlorobenzene	113	2b	132	2b	1.17E+01	1	1.106	2b	NA		4.90E+02	2b	3.46E-03@25°C	2b	2.84	2b	3.33E+02	2b
Chloroethane	65	2a	12.5	2a	1.00E+03	2a	0.92@0°C	2a	NA		5.70E+03	2a	1.10E-02	2a	1.43	2a	1.49E+01	2a
Chloroform	119	2a	61.2	2a	1.60E+02	2a	1.49	2a	0.563	2a	8.20E+03	2a	3.75E-03	2c	1.97	2a	4.40E+01	2a
1,2-Dichlorobenzene	147	2b	180.4	2b	9.60E-01	2b	1.3	2b	1.3	2b	1.00E+02	2b	1.88E-03@25°C	2b	3.38	2b	1.16E+03	2b
1,3-Dichlorobenzene	147	2b	172	2b	1.6	2b	1.28	2b	1.025	2b	1.23E+02	2b	3.55E-03	2b	3.60	2b	1.92E+03	2b
1,4-Dichlorobenzene	147	2b	174.4	2b	6.00E-01	2b	1.24	2b	1.258	2b	8.00E+01	2b	1.58E-03	2b	3.39	2b	1.18E+03	2b
Dichlorodifluoromethane	121	1	-29.8	4	4.87E+03	1	1.49@-30°C	4	NA		2.80E+02	1	1.00E-04	3	2.16	1	5.80E+01	1
1,1-Dichloroethane	99	2a	57.3	2a	1.82E+02	2a	1.17	2a	0.377	2a	5.50E+03	2a	5.7E-03 @25°C	2a	1.79	2a	3.00E+01	2a
1,2-Dichloroethane	99	2a	83.5	2a	6.40E+01	2a	1.25	2a	0.84	2a	8.69E+03	2a	1.1E-03@25°C	2a	1.48	2a	1.40E+01	2a
1,1-Dichloroethene	97	2a	31.6	2a	5.00E+02	2a	1.21	2a	0.33	2a	4.00E+02	2a	1.54E-01	2a	2.13	2a	6.50E+01	2a
cis-1,2-Dichloroethene	97	2a	60.2	2a	200@25°C	6	1.28	2a	0.467	2a	800@25°C	6	2.90E-03	6	1.86	2a	3.50E+01	2a
trans-1,2-Dichloroethene	97	2a	47.7	2a	3.26E+02	6	1.25	2a	0.404	2a	600	6	7.20E-02	6	2.09	2a	5.90E+01	2a
1,2-Dichloropropane	113	2a	96.3	2a	3.95E+01	2a	1.158	2a	0.84	2a	2.70E+03	2a	3.60E-03	2a	2.28	2a	5.10E+01	2a
Ethylbenzene	106	2b	136.2	2b	7.0	2b	0.867	2b	0.640@25°C	2b	1.52E+02	2b	7.90E-03	2b	3.15	2b	1.10E+03	2b
2-Hexanone	100.6	3	127.2	4	1.0	3	0.82	4	NA		1.45E+04	3	1.10E-05	3	1.38	3	1.50E+01	3
Isobutyl Alcohol	74	1	107.7	5	10	3	NA		NA		8.90E+04	3	1.00E-05	3	0.76	3	3.50E+00	3
Methylene Chloride	85	2a	39.8	2a	3.50E+02	2a	1.32	2a	0.43	2a	1.32E+04	2a	2.57E-03 @25°C	2a	1.25	2a	8.80E+00	2a
Methyl Ethyl Ketone	72	2c	79.6	2c	7.06E+01	2c	0.805	2c	0.40@25°C	2c	3.53E+05@10°C	2c	4.35E-05	2c	0.29	2c	9.40E-01	2c
Methyl Isobutyl Ketone (MIBK)	100	3	115.7	4	6.0	3	0.8	4	NA		1.90E+04	3	4.20E-05	3	5.30	3	1.90E+01	3
Styrene	104	1	145	4	4.5	5	0.906	4	NA		3.20E+02	3	4.70E-03	3	2.95	3	5.50E+02	3
Tetrachloroethene	166	2b	121	2b	1.40E+01	2b	1.62	2b	0.89	2b	1.50E+02	2b	2.27E-02	2b	3.14	2b	6.65E+02	2b
Tetrahydrofuran	72		66		162.3@25°C		0.8892		NA		Infinite		9.63E-03		0.46		NA	
Toluene	92	2b	110.6	2b	2.20E+01	2b	0.867	2b	0.58	2b	5.15E+02	2b	6.61E-03@25°C	2b	2.73	2b	2.59E+02	2b
1,1,1-Trichloroethane	133	2a	74	2a	1.00E+02	2a	1.33	2a	0.858	2a	9.50E+02	2a	2.76E-02@25°C	2a	2.50	2a	1.52E+02	2a
1,1,2-Trichloroethane	133	3	113.5	4	3.00E+01	1	1.44	4	NA		4.50E+03	1	1.17E-03	1	2.47	1	5.60E+01	1
Trichloroethene	131	2a	87.2	2a	5.87E+01	2a	1.46	2a	0.57	2a	1.00E+03	2a	8.92E-03	2a	2.42	2a	127	2a
Trichlorotrifluoroethane (Freon 113)	187	1	47.6	4	2.70E+02	1	1.56	4	0.43@25°C	6	170@25°C	7	1.80E-01	3	2.00	1	1.20E+03	3
Vinyl Chloride	63	2a	-13.4	2a	2.30E+03	2a	0.91	2a	0.011 to 0.28	2a	1.10E+03	2a	0.69	2a	1.23	2a	8.2	2a
m -Xylenes	106	2b	139.1	2b	9.0	2b	0.864@25°C	2b	0.061	2b	134 to 196 @25°C	7	6.91E-03@25°C	2b	3.20	2b	6.91E+02	2b
o -Xylenes	106	2b	144.4	2b	7.0	2b	0.880@25°C	2b	0.802	2b	167 to 213 @25°C	7	4.9E-03@25°C	2b	3.12	2b	6.91E+02	2b
p -Xylenes	106	2b	138.7	2b	9.0	2b	0.861@25°C	2b	0.635	2b	156 to 200 @25°C	7	7.01E-03@25°C	2b	3.15	2b	6.91E+02	2b

Notes: (Data taken from Harding Lawson Associates Report, July, 1993.)

a Octanol-Water Partitioning Coefficient

b Carbon Matter Partitioning Coefficient

NA Not Available

1 EPA, 1986. Superfund Public Health Evaluation Manual, EPA/540/4-86/060. October

2a Oak Ridge National Laboratory, 1989. The Installation Restoration Program Toxicology Guide, Vol 1. Prepared for H.G. Armstrong Aerospace Medical Division. July

2b _____, 1989. Volume 2

2c _____, 1989. Volume 3

3 Batelle Memorial Institute, 1989. Chemical Data Bases for the Multimedia Environmental Pollutant Assessme (MEPAS): Version1, prepared for the U.S. Dept. of Energy, December

4 Dean, J.A., 1985. Lange's Handbook of Chemistry, Thirteenth Edition, McGraw Hill Pub

5 U.S. Dept. of Health and Human Services, 1985. NIOSH Pocket Guide to Chemical Hazards. September

6 Schwille, F. 1988. Dense Chlorinated Solvents in Porous and Fractured Media: Model Experiments. Lewis P

7 Kennedy/Jenks/Chilton, 1987 Comprehensive Plan, IBM Groundwater Restoration Program, IBM General Pr San Jose, CA Vol. 3

TABLE 4-2
Characteristics of Site SVOCs and PCBs
Romic Environmental Technologies Corporation
East Palo Alto, California

	Molecular Weight		Boiling Point		Vapor Pressure		Density		Viscosity		Solubility		Henry's Law Constant		Log		Koc[b]	
Analyte	g/mole	Notes	°C	Notes	mm/Hg @ 20° C	Notes	g/cm^3 @ 20°C	Notes	cp @ 20° C	Notes	mg/l @ 20° C	Notes	atm-m^3/mole @ 20° C	Notes	K_{ow}[a]	Notes	ml/g	Notes
1,2,4-Trichlorobenzene	181	1	210	6	4.00E-01	6	1.45	6	1.42	6	1.90E+01	6	2.32E-03 @ 25°C	6	4.30	1	9200	1
2-Methylnaphthalene	142	3	241.4	4	4.50E-02	3	1.029	4	NA		3.25E-01	3	2.90E-04	3	3.86	3	4500	3
4-Chloroaniline	128	5a	232	5a	2.50E-02	5a	1.169 @ 77°C	8	NA		3.90E+03 @ 25°C	5a	1.07E+05 @ 25°C	5a	1.83	5a	230 to 5550	5a
4-Methylphenol (4-Cresol)	108	5a	201.9	5a	1.30E-01	5a	1.034	8	NA		22.6E+03 @ 40°C	5a	9.60E-07	5a	1.94	5a	0.9 to 650	5a
Acenaphthylene	152	1	265-275	7	2.90E-02	1	0.899 @ 16°C	7	NA		3.93E+00	1	1.48E-03	1	3.70	1	2500	1
Bis(2-ethylhexyl)phthalate	391	1	230 @ 5 mm Hg	5a	6.45E-06 @ 25°C	5a	0.986	7	NA		0.3 @ 25°C	5a	1.10E-05	5a	5.1	5a	1.0E+03 to 1.0E+05	5a
Butyl Benzyl phthalate	312	6	370	6	8.60E-06	6	1.12	6	NA		2.82E+00	6	1.30E-06 @ 25°C	6	4.78	6	2.32	6
Diethyl phthalate	222	1	298	6	3.50E-03	1	1.12	6	35	6	8.96E+02	1	1.14E-06	1	2.50	1	142	1
Dimethyl phthalate	194	6	283	6	1.65E-03	6	1.19	6	17.20	6	4.29E+03	6	4.20E-07 @ 25°C	6	1.61	6	42.66	6
Di-n-butyl phthalate	278	1	340	8	1.00E-05	1	1.046	6	20.3	6	1.30E+01	1	2.87E-07	1	5.60	1	1.70E+05	1
Di-n-octyl phthalate	391	7	220 @ 4 torr	7	NA		0.978 @ 25°C	7	NA		NA		NA		NA		NA	
Hexachlorobenzene	285	1	323 to 326	8	1.09E-05	1	2.04 @ 23°C	8	NA		6.00E-03	1	6.81E-04	1	5.23	1	3900	1
Hexachlorocyclopentadiene	273	1	237	6	8.00E-02	1	1.70	6	NA		2.10E+00	1	1.37E-02	1	5.04	1	4800	1
Isophorone	138	1	214 @ 754 mm Hg	5b	0.38	5b	0.923	7	NA		12E+03 @ 25°C	5b	5.80E-06	5b	2.22	5b	25 to 384	5b
Naphthalene	128	5a	217.9	5a	8.2E-02 @ 25°C	5a	1.162	8	NA		31.7 @ 25°C	5a	5.53E-04	5a	3.30	5a	400 to 4100	5a
PCBs (Aroclor 1254)	327	6	365	6	6.00E-05	6	1.51	6	700	6	5.00E-03	6	2.70E-03 @ 25°C	6	6.47	6	4.07E+05	6
Phenol	94	1	181.75	5a	3.41E-01	1	1.058	7	NA		9.30E+04	1	4.54E-07	1	1.46	1	14.2	1

Notes:
Data taken from Harding Lawson Associates Report, July, 1993
a Octanol-Water Partitioning Coefficient
b Organic Carbon Partitioning Coefficient
c Bioconcentration Factor
NA Not Available
Boldface indicates 5 or more detections for the highlighted compound.

1 EPA, 1986. Superfund Public Health Evaluation Manual, EPA/540/4-86/060 OSWER Directive 9285.4-1, October.
2a Oak Ridge National Laboratory, 1989 The Installation Restoration Program Toxicology Guide, Volume 1. Prepared for H.G. Armstrong Aerospace Medical Division, July.
2b Oak Ridge National Laboratory, 1989. Volume 2.
3 Batelle Memorial Institute, 1989. Chemical Data Bases for the Multimedia Environmental Pollutant Assessment System (MEPAS): Version1, prepared for the U.S. Dept. of Energy, December.
4 Dean, J.A., 1985. Lange's Handbook of Chemistry, Thirteenth Edition, McGraw Hill.
5a Howard, Phillip H. 1989. Handbook of Environmental Fate and Transport Data for Organic Chemicals. Vol. I. Lewis Publishers.
5b Howard, Phillip H. 1989. Handbook of Environmental Fate and Transport Data for Organic Chemicals. Vol. II. Lewis Publishers.
6 Cohen, Robert M. 1993. DNAPL Site Evaluation. C. K. Smoley.
7 Spectrum Laboratories. 1997. Electronic Chemical Fact Sheet. Downloaded from: http://www.speclab.com/compound
8 Budavari, Susan, Ed. 1989. The Merck Index. Merck & Co.

TABLE 4-3
Biologic and Abiotic Degradation Mechanisms for VOCs
Romic Environmental Technologies Corp.
East Palo Alto, California

Compound	Degradation Mechanism
PCE	Reductive dechlorination
TCE	Reductive dechlorination cometabolism
DCE	Reductive dechlorination , direct biological oxidation
Vinyl Chloride	Reductive dechlorination, direct biological oxidation
TCA	Reductive dechlorination, hydrolysis, dehydrohalogenation
1,2-DCA	Reductive dechlorination, direct biolcgical oxidation
Chloroethane	Hydrolysis
Carbon Tetrachloride	Reductive dechlorination, cometabolism, abiotic
Chloroform	Reductive dechlorination, cometabolism
Methylene Chloride	Direct biological oxidation
Chlorobenzenes	Direct biological oxidation, reductive dechlorination, cometabolism
Benzene	Direct biological oxidation
Toluene	Direct biological oxidation
Ethylbenzene	Direct biological oxidation
Xylenes	Direct biological oxidation

TABLE 5-1

Summary of VOC Concentrations in Soil
Romic Environmental Technologies Corp.
East Palo Alto, California

Analyte	Number of Detections	Number of Samples	% Detections	Average Concentration	Standard Deviation	Maximum Concentration Detected	Maximum Concentration Location	Depth of Maximum Concentration (ft)
Xylene (total)	54	89	61	89	227	1400	RB-06	10.0
Toluene	51	89	57	47	134	805	RB-05	5.5
Ethylbenzene	49	89	55	21	60	373	RB-06	10.0
Tetrahydrofuran	30	60	50	15	44	280	RB-24	2.5
2-Butanone (MEK)	41	89	46	218	1112	10000	RB-20	10
Trichloroethene	40	89	45	17	56	310	RB-31	10
Acetone	33	89	37	14	33	190	RB-34	10
Tetrachloroethene (PCE)	33	89	37	11	40	270	RB-31	10
4-Methyl-2-pentanone (MIBK)	30	89	34	10	25	149	RB-04	9.5
cis-1,2-Dichloroethene (c-1,2-DCE)	28	89	31	3.2	10	75	RB-31	10
1,1-Dichloroethane	26	89	29	0.5	1.5	12	RB-34	15
1,2-Dichlorobenzene	20	89	22	0.75	2.0	11.9	RB-06	10.0
1,2-Dichloroethane	20	89	22	2.6	15	140	RB-21	5
1,1,1-Trichloroethane (1,1,1-TCA)	19	89	21	5.1	24	179	RB-05	5.5
1,1,2-Trichloroethane	18	89	20	2.4	8.4	54.1	RB-05	5.5
Benzene	17	89	19	0.42	1.3	10.2	RB-04	9.5
Chlorobenzene	14	89	16	0.52	1.5	9.3	RB-21	5
Vinyl chloride	10	89	11	0.33	0.58	2.7	RW-02B	24
1,1-Dichloroethene	10	89	11	1.1	7.4	70	RB-34	15
1,4-Dichlorobenzene	9	89	10	0.27	0.50	3	RB-04	9.5
Methylene chloride	6	89	7	2.0	11	107	RB-05	5.5
trans-1,2-Dichloroethene (t-1,2-DCE)	6	89	7	0.20	0.32	1.4	RB-22	15
Chloroform	5	89	6	0.20	0.30	1.25	RB-20	10
2-Chloroethyl vinyl ether	3	89	3	0.44	0.70	2.5	RB-04	9.5
Styrene	3	89	3	1.8	9.8	83.8	RB-04	9.5
Trichlorotrifluoroethane (Freon 113)	2	89	2	1.2	7.5	71.3	RB-05	5.5
1,1,2,2-Tetrachloroethane	1	89	1	0.20	0.31	1.25	RB-20	10
2-Hexanone	1	89	1	0.50	0.99	7.33	RB-05	5.5
Carbon disulfide	1	89	1	0.19	0.29	1.25	RB-20	10
Chloromethane	1	89	1	0.26	0.51	2.5	RB-04	9.5

Notes:

All concentration values are reported as milligrams per kilogram (mg/kg)

TABLE 5-2

Summary of SVOC Concentrations in Soil

Romic Environmental Technologies Corp.

East Palo Alto, California

Analyte	Number of Detections	Number of Samples	% Detections	Average Concentration	Standard Deviation	Maximum Concentration Detected	Maximum Concentration Location	Depth of Maximum Concentration (ft)
Bis(2-ethylhexyl)phthalate	22	36	0.61	85	184	620	RB-33	5
Di-n-octyl phthalate	14	36	0.39	42	94	410	RB-21	3
Isophorone	14	36	0.39	274	703	3100	RB-33	5
Naphthalene	14	36	0.39	80	253	1400	RB-21	5
Phenol	13	36	0.36	44	112	560	RB-21	3
Butyl benzyl phthalate	9	36	0.25	92	245	1000	RB-21	10
2-Methylnaphthalene	8	36	0.22	17	45	200	RB-05	5.5
Di-n-butyl phthalate	8	36	0.22	16	37	140	RB-33	5
4-Methylphenol	4	36	0.11	5	11	50	RB-21	5
Dimethyl phthalate	3	34	0.09	8	19	85	RB-33	5
1,2-Dichlorobenzene	2	34	0.06	4	10	50	RB-21	5
Diethyl phthalate	2	34	0.06	34	169	1000	RB-21	10
1,2,4-Trichlorobenzene	2	36	0.06	6	17	90	RB-21	10
Hexachlorocyclopentadiene	2	36	0.06	8	21	93	RB-05	5.5
1,4-Dichlorobenzene	1	36	0.03	5	11	50	RB-21	5
4-Chloroaniline	1	36	0.03	21	100	610	RB-05	5.5
Acenaphthylene	1	36	0.03	7	19	100	RB-05	5.5
Bis(2-chloroethoxy)methane	1	36	0.03	98	558	3400	RB-05	5.5
Hexachlorobenzene	1	36	0.03	5	11	50	RB-21	5

Notes:

All concentration values are reported in milligrams per kilogram (mg/kg)

TABLE 5-3

Summary of Metals Concentrations in Soil
Romic Environmental Technologies Corp.
East Palo Alto, California

Analyte	Number of Detections	Number of Samples	% Detections	Average Concentration	Standard Deviation	Maximum Concentration Detected	Maximum Concentration Location	Depth of Maximum Concentration (ft)
Antimony	3	39	0.08	7	4	25	RB-21	10
Arsenic	39	43	0.91	5	4	27	RB-21	5
Barium	34	34	1.00	175	114	542	RB-20	5
Cadmium	16	43	0.37	11	28	154	RB-21	10
Chromium	62	62	1.00	116	206	1360	RB-30	3.5
Cobalt	34	38	0.89	29	53	283	RB-21	3
Copper	39	39	1.00	205	761	4850	RB-20	10
Lead	30	67	0.45	195	502	2520	RB-21	10
Mercury	16	43	0.37	1	1	5	RB-06	10.0
Molybenum	4	13	0.31	14	17	60	RB-21	5
Nickel	67	67	1.00	53	42	358	RB-47	4
Selenium	3	39	0.08	1	2	10	RB-04	9.5
Silver	9	39	0.23	9	18	76	RB-34	10
Thallium	3	39	0.08	2	5	25	RB-21	10
Vanadium	32	34	0.94	43	26	122	RB-28	3
Zinc	67	67	1.00	278	679	3620	RB-05	5.5

Notes:

All concentration values are reported in milligrams per kilogram (mg/kg)

TABLE 5-4

Summary of VOC Concentrations in A-zone Groundwater
Romic Envrionmental Technologies Corp.
East Palo Alto, California

Analyte	Number of Detections	Number of Samples	% Detection	Average Concentration	Standard Deviation	Maximum Concentration	Maximum Concentration Location
cis-1,2-Dichloroethylene (c-1,2-DCE)	314	547	57	1032	3547	34000	RW-11A
Trichloroethylene (TCE)	255	547	47	360	766	7000	RW-09A
1,1-Dichloroethane	236	547	43	245	668	6200	RW-02A
Vinyl chloride	215	547	39	881	2777	21000	RW-11A
Xylene (total)	165	547	30	609	2567	35000	RW-11A
1,2-Dichloroethane	155	547	28	156	490	3500	RW-11A
Ethylbenzene	151	547	28	199	774	10000	RW-11A
Tetrahydrofuran	124	452	27	5659	23108	240000	RW-05A
Toluene	150	547	27	1039	3510	26000	RW-11A
1,1-Dichloroethylene	130	547	24	184	946	9200	RW-11A
Benzene	129	547	24	47	135	2500	RW-11A
trans-1,2-Dichloroethylene (trans-1,2-DCE)	114	547	21	39	224	4480	RW-02A
Chlorobenzene	88	547	16	79	283	2500	RW-11A
Tetrachloroethylene (PCE)	78	547	14	43	232	4500	RW-10A
Chloroform	68	547	12	155	808	7400	RW-10A
1,1,1-Trichloroethane (1,1,1-TCA)	65	547	12	123	1927	45000	RW-10A
4-Methyl-2-pentanone	55	527	10	2925	13388	117000	RW-10A
Methylene chloride	57	547	10	1248	7309	76000	RW-01A
2-Butanone (MEK)	52	527	10	15875	100431	1300000	RW-11A
Trichlorotrifluoroethane (Freon 113)	50	525	10	350	1575	24000	RW-01A
Acetone	47	527	9	3554	17523	213000	RW-11A
Chloroethane	47	547	9	68	283	5000	RW-11A
1,1,2-Trichloroethane	39	539	7	31	127	2500	RW-11A
1,2-Dichlorobenzene	33	524	6	26	118	2500	RW-11A
1,4-Dichlorobenzene	23	525	4	26	118	2500	RW-11A
Dichlorodifluoromethane	17	452	4	126	500	5780	RW-09A
2-Hexanone	11	527	2	365	2511	51000	RW-10A
Styrene	10	527	2	29	123	2500	RW-11A
Carbon disulfide	7	527	1	78	335	5000	RW-10A
1,2-Dichloropropane	7	547	1	25	116	2500	RW-11A
1,3-Dichlorobenzene	4	525	1	26	118	2500	RW-11A
Chloromethane	3	547	1	51	326	5610	RW-10A
Dibromochloromethane	3	547	1	26	123	2500	RW-11A
Trichlorofluoromethane (Freon 11)	2	525	0	31	124	2500	RW-11A
Bromoform	2	547	0	26	118	2500	RW-11A
Vinyl acetate	1	527	0	255	1182	25000	RW-11A
Bromomethane	1	547	0	41	224	5000	RW-11A
Carbon tetrachloride	1	547	0	25	116	2500	RW-11A
cis-1,3-Dichloropropene	1	547	0	25	116	2500	RW-11A

Notes:

All concentration values reported in micrograms per liter (ug/l)

TABLE 5-6

Summary of VOC Concentrations in B-zone Groundwater
Romic Environmental Technologies Corp.
East Palo Alto, California

Analyte	Number of Detections	Number of Samples	% Detections	Average Concentration	Standard Deviation	Maximum Concentration Detected	Maximum Concentration Location
Trichloroethene (TCE)	106	154	69	1162	2430	13000	RW-8B
cis-1,2-Dichloroethene (c-1,2-DCE)	102	154	66	2472	4769	24000	RW-2B
1,2-Dichloroethane	81	154	53	3664	8894	39700	RW-2B
1,1-Dichloroethane	63	154	41	107	198	1100	RW-2B
1,1-Dichloroethene	60	154	39	207	348	2300	RW-2B
Vinyl chloride	53	154	34	2295	5991	27000	RW-2B
Tetrachloroethene (PCE)	44	154	29	140	308	2400	RW-8B
1,1,2-Trichloroethane	39	154	25	162	491	3900	RW-2B
Chloroform	31	154	20	154	354	2200	RW-8B
Trichlorotrifluoroethane (Freon 113)	28	146	19	160	282	1600	RW-8B
1,1,1-Trichloroethane (1,1,1-TCA)	27	154	18	75	143	800	RW-8B
trans-1,2-Dichloroethene (trans-1,2-DCE)	26	154	17	61	108	500	RW-2B
Toluene	25	154	16	130	292	1420	RW-2B
Chlorobenzene	23	154	15	86	174	910	RW-2B
Xylene (total)	20	154	13	95	200	1500	RW-2B
Benzene	18	154	12	40	75	500	RW-2B
Trichlorofluoromethane (Freon 11)	13	146	9	57	106	580	RW-8B
Methylene chloride	12	154	8	123	269	2500	RW-8B
Ethylbenzene	10	154	6	41	79	500	RW-2B
Carbon tetrachloride	3	154	2	36	74	500	RW-2B
Chloroethane	3	154	2	66	166	1500	RW-2B
Tetrahydrofuran	2	141	1	400	780	5000	RW-8B
1,2-Dichlorobenzene	2	146	1	38	76	500	RW-2B
1,2-Dichloropropane	2	154	1	42	107	1000	RW-2B
Acetone	2	154	1	715	1682	15000	RW-8B
1,4-Dichlorobenzene	1	146	1	38	76	500	RW-2B
1,3-Dichlorobenzene	1	146	1	38	76	500	RW-2B
Dibromochloromethane	1	154	1	37	74	500	RW-2B
4-Methyl-2-pentanone	1	154	1	362	742	5000	RW-2B
Carbon disulfide	1	154	1	118	376	2500	RW-2B

Notes:

All concentration values are reported in micrograms per liter (ug/l)

TABLE 5-7

Summary of VOC Concentrations in C-zone Groundwater
Romic Environmental Technologies Corp.
East Palo Alto, California

Analyte	Number of Detections	Number of Samples	% Detections	Average Concentration	Standard Deviation	Maximum Concentration Detected	Maximum Concentration Location
Trichloroethene (TCE)	57	109	52	434	1133	5600	RW-08C
cis-1,2-Dichloroethene (c-1,2-DCE)	45	109	41	40	132	1200	RW-08C
Tetrachloroethene (PCE)	28	109	26	104	276	1400	RW-08C
Toluene	28	109	26	71	204	1100	RW-08C
Xylene (total)	27	109	25	147	427	2500	RW-08C
Ethylbenzene	24	109	22	38	104	580	RW-02C
Trichlorotrifluoroethane (Freon 113)	21	102	21	251	654	3300	RW-08C
1,2-Dichloroethane	19	109	17	38	142	1300	RW-02C
Vinyl chloride	12	109	11	25	66	520	RW-02C
1,1,2-Trichloroethane	12	109	11	11	27	150	RW-02C
Chlorobenzene	11	109	10	14	31	150	RW-08C
1,2-Dichlorobenzene	10	102	10	16	37	170	RW-08C
1,1-Dichloroethene	10	109	9	11	28	150	RW-08C
1,1-Dichloroethane	8	109	7	10	25	150	RW-02C
Methylene chloride	6	109	6	32	89	500	RW-03C
1,1,1-Trichloroethane (1,1,1-TCA)	5	109	5	10	25	150	RW-08C
Benzene	4	109	4	10	25	150	RW-11C
1,4-Dichlorobenzene	3	102	3	11	26	150	RW-08C
Acetone	3	109	3	187	443	2500	RW-08C
Trichlorofluoromethane (Freon 11)	2	102	2	18	53	340	RW-08C
1,3-Dichlorobenzene	2	102	2	10	26	150	RW-08C
2-Butanone (MEK)	2	109	2	175	440	2500	RW-11C
Carbon disulfide	2	109	2	24	50	250	RW-02C
Chloromethane	2	109	2	17	44	250	RW-08C
Styrene	2	109	2	17	44	250	RW-08C
Tetrahydrofuran	1	106	1	17	44	250	RW-02C
4-Methyl-2-pentanone	1	109	1	95	253	1500	RW-02C
Chloroform	1	109	1	10	26	150	RW-08C
Chloroethane	1	109	1	17	44	250	RW-02C
trans-1,2-Dichloroethene (trans-1,2-DCE)	1	109	1	10	25	150	RW-08C

Notes:

All concentration values are reported in micrograms per liter (ug/l)

TABLE 5-8

Summary of SVOC Concentrations in Groundwater
Romic Environmental Technologies Corp.
East Palo Alto, California

Anaylte	Number of Detections	Number of Samples	% Detections	Average Concentration	Standard Deviation	Maximum Concentration	Maximum Concentration Location
Bis(2-ethylhexyl)phthalate	8	19	42	40	72	230	RW-02C
Bis(2-chloroisopropyl)ether	4	19	21	93	157	480	RW-02A
Phenol	3	19	16	63	200	900	11A
4-Methylphenol	2	19	11	48	134	600	RW-11A
Isophorone	2	19	11	52	155	700	11A
1,2-Dichlorobenzene	1	19	5	26	59	17	RW-02A
Benzoic acid	1	19	5	533	1782	8000	RW-11A
Bis(2-chloroethyl)ether	1	19	5	33	65	150	RW-02B

Notes:
All concentration values reported in micrograms per liter (ug/l)

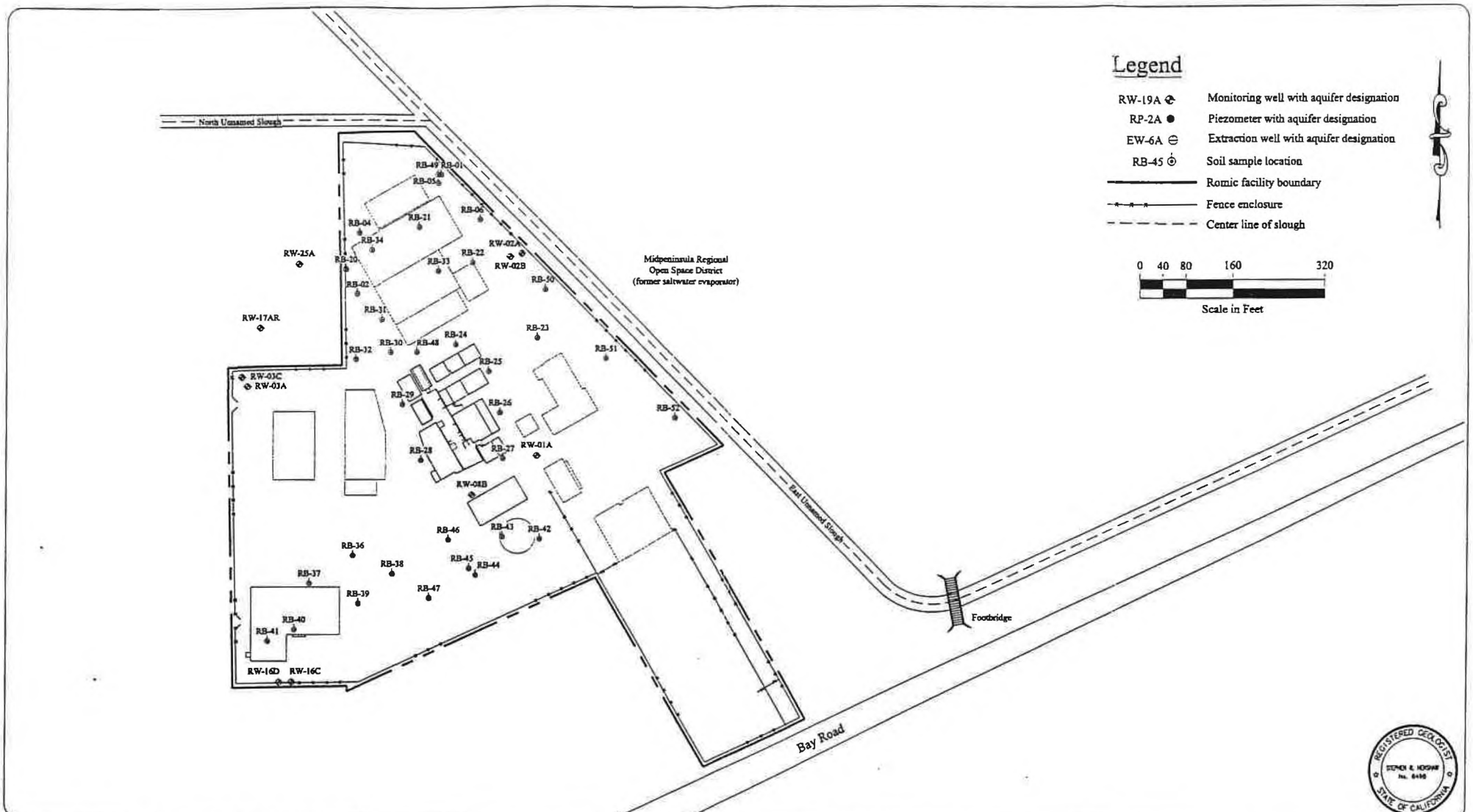
TABLE 5-9

Summary of Metals Concentrations in Groundwater
Romic Environmental Technologies Corp.
East Palo Alto, California

Analyte	Number of Detections	Number of Samples	% Detection	Average Concentration	Standard Deviation	Maximum Concentration	Maximum Concentration Location
Barium	29	29	100	0.5	1	5	RW-16A
Boron	9	9	100	1	1	3	SW-06
Molybenum	9	9	100	0.05	0.01	0.1	RW-12A
Arsenic	50	83	60	0.02	0.03	0.2	SW-02
Zinc	33	61	54	3	27	209	RW-08A
Copper	17	61	28	0.02	0.04	0.3	RW-11A
Vanadium	9	33	27	0.04	0.1	0.3	RW-15A
Chromium	15	81	19	0.02	0.1	0.4	RW-17AR
Nickel	8	61	13	0.03	0.1	0.4	RW-17A
Cadmium	6	61	10	0.01	0.04	0.3	RW-08C
Mercury	6	81	7	0.0003	0.001	0.01	RW-12A
Selenium	6	81	7	0.005	0.01	0.03	RW-15A
Lead	1	24	4	0.02	0.001	0.02	RW-09A
Thallium	2	52	4	0.003	0.001	0.01	RW-09A
Antimony	1	38	3	0.03	0.01	0.1	RB-06

Notes:

All concentration values reported in milligrams per liter (mg/l)



REGISTERED GEOLOGIST STEPHEN E. HENSHAW No. 6496 STATE OF CALIFORNIA

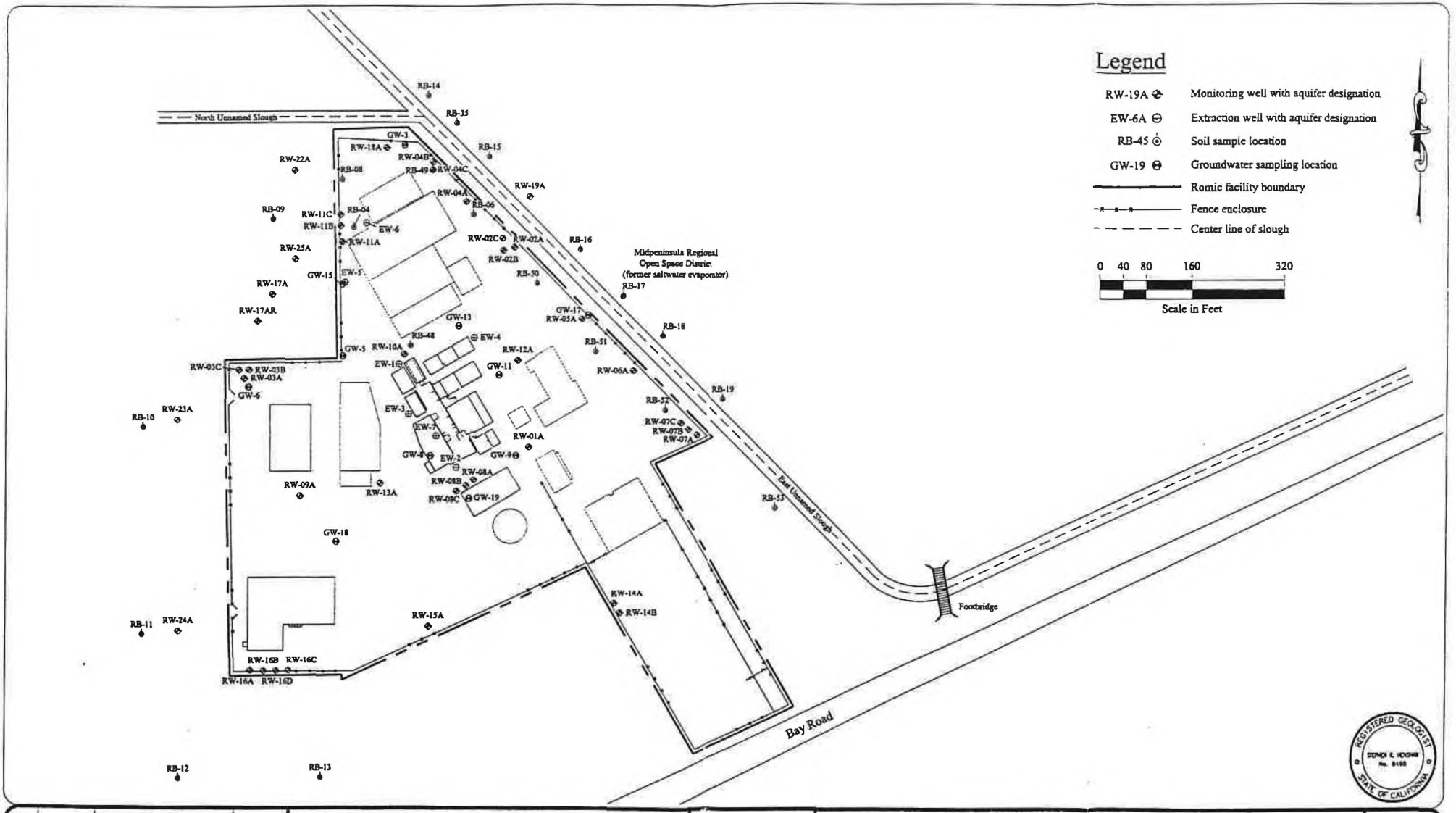
No.	Date	Revision	Approved

Henshaw Associates, Inc.
Environmental Engineering Services
607 Menlo Avenue • Menlo Park, California 94025

Date:	04/17/98
Designed:	OS
Drawn:	OS
Checked:	MH
DWG file:	8080-98

SOIL SAMPLING LOCATIONS
Romic Environmental Technologies Corp.
East Palo Alto, California

Figure 2-4
Project 100.D.06



No.	Date	Revision	Approved

Henshaw Associates, Inc.
Environmental Engineering Services
607 Menlo Avenue • Menlo Park, California 94025

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Designed:	OS
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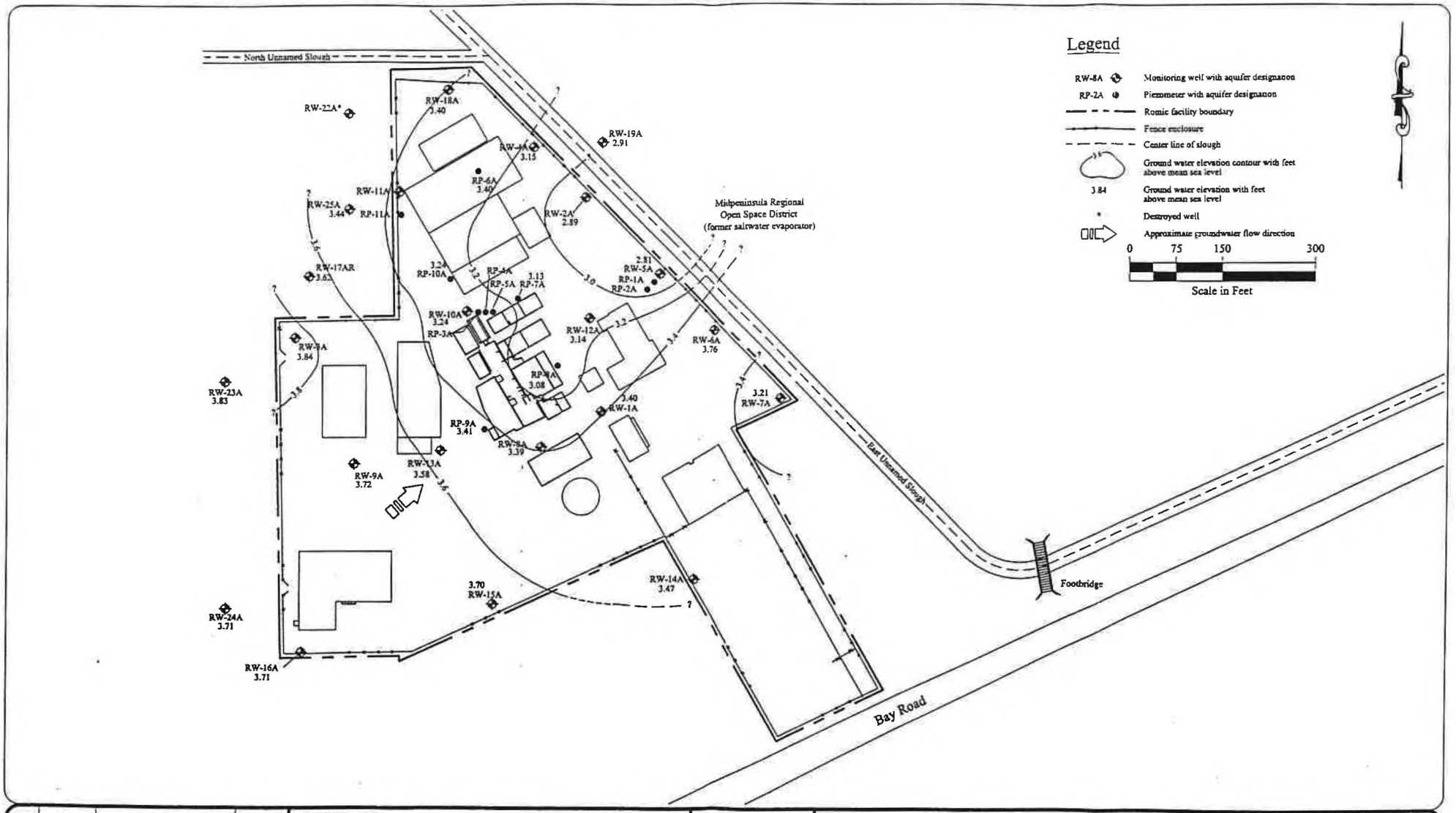
DWG file:	8081-98

GROUNDWATER SAMPLING LOCATIONS
Romic Environmental Technologies Corp.
East Palo Alto, California

Figure 2-5
Project 100.D.06

REGISTERED GEOLOGIST STEVEN R. HENSHAW No. 5468 STATE OF CALIFORNIA



No.	Date	Revision	Approved
1	02/18/98	Revision 1	CB

Henshaw Associates, Inc.
Environmental Engineering Services
607 Menlo Avenue • Menlo Park, California 94025

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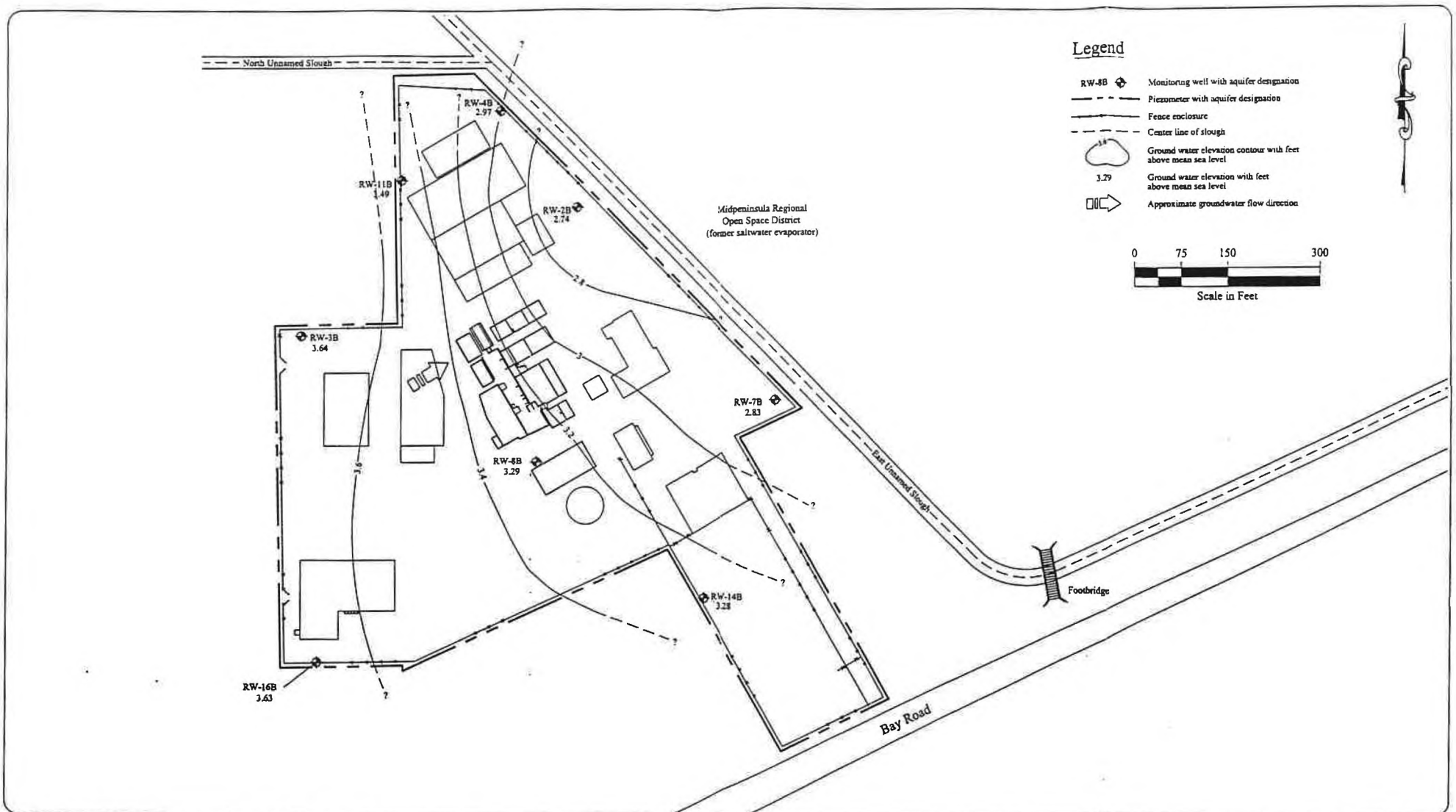
DECEMBER 1997, A-ZONE GROUND WATER ELEVATIONS
Romic Environmental Technologies Corp.
East Palo Alto, California

Figure 3-9
Project 100.D.06



No.	Date	Revision	Approved
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Henshaw Associates, Inc.
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607 Menlo Avenue • Menlo Park, California 94025

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DECEMBER 1997, B-ZONE GROUND WATER ELEVATIONS
Romic Environmental Technologies Corp.
East Palo Alto, California

Figure
3-10
Project
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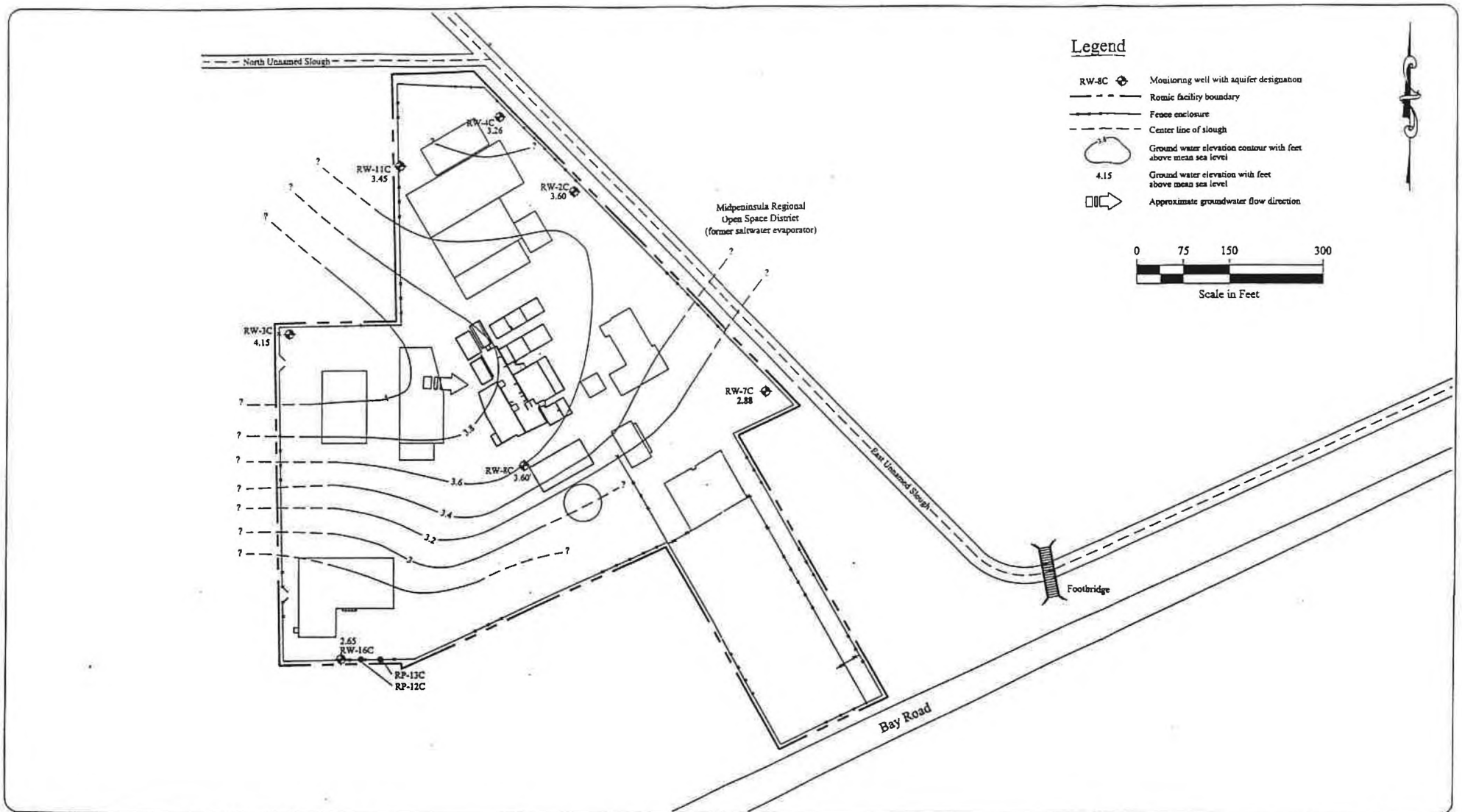

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DECEMBER 1997, C-ZONE GROUND WATER ELEVATIONS
Romic Environmental Technologies Corp.
East Palo Alto, California

Figure
3-11
Project
100.D.06