FINAL

ENVIRONMENTAL CONDITION OF PROPERTY REPORT

DESIDERIO HALL
U.S. ARMY RESERVE CENTER (CA038)
655 WESTMINSTER DRIVE
PASADENA, CA 91105

Prepared For:

U.S. Army Corps of Engineers – Louisville District
600 Dr. Martin Luther King, Jr. Place
Louisville, Kentucky 40202-2232

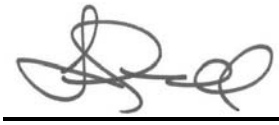
APRIL 2007

CERTIFICATION

All information/documentation provided accurately reflects the environmental condition of the property. This Environmental Condition of Property (ECP) Report is in general accordance with the U.S. Department of Defense (DOD) requirements for completion of an ECP Report.

WAYNE J. ALVES **DATE**
Environmental Division ARIM
Chief Environmental Division
63rd Regional Readiness Command

The undersigned certifies the contents of this report are in general accordance with DoD policies for the completion of an ECP.



04/18/07

LENARD GUNNELL, P.G. **DATE**
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EXECUTIVE SUMMARY

Fuller, Mossbarger, Scott and May Engineers, Inc. (FMSM), under contract to the U.S. Army Corps of Engineers (USACE), Louisville District, has prepared this ECP Report for the Desiderio Hall U.S. Army Reserve (USAR) Center (Facility ID CA038), hereafter referred to as the "Site" or "USAR Center." The Site is located at 655 Westminster Drive, Pasadena, California and encompasses approximately 5.1 acres.

This ECP Report was conducted in conformance with primary Department of Defense and Army guidance, the Department of Defense's Base Redevelopment and Realignment Manual, DoD 4165.77-M (BRRM), Army regulations and the American Society for Testing and Materials (ASTM) Designation D 6008-96 (2005), *Standard Practice for Conducting Environmental Baseline Surveys,* as secondary guidance when it was not inconsistent with the primary guidance.

This ECP Report details the history of the property, including the U.S. Army Reserve and any prior tenant uses of the Site and the resulting environmental condition of the property.

The USAR Center facility is situated on approximately 5.1 acres of land with four permanent buildings: a 22,152 square-foot USAR Center building, a 3,798 square-foot Organizational Maintenance Shop (OMS), a 2,226 square-foot storage building, and a hazardous material (HAZMAT) shed. The Site is currently occupied by the 3rd Battalion, 413th Regiment.

Based on a review of aerial photographs and U.S. Geological Survey (USGS) topographic maps dating back to 1915, the Site has served as a USAR Center since 1956. The USAR Center and OMS buildings were constructed in 1956.

Areas of potential environmental concern were reviewed and FMSM found no adverse conditions relating to the environmental condition of the property.

In accordance with Department of Defense policy defining the classifications (See Deputy Under Secretary of Defense Goodman Memorandum dated 21 October 1996), the Property has been classified as Category 1. This classification does not include categorizing the property based on *de minimis* conditions that generally do not present material risk of harm to the public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

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LIST OF ACRONYMS

ACM	asbestos containing material
AR	Army Regulation
AST	aboveground storage tank
ASTM	American Society for Testing and Materials
BRAC	Base Realignment and Closure
CCP	California Coastal Program
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CERCLIS	CERCLA Information System
CERFA	Community Environmental Response Facilitation Act
CFR	Code of Federal Regulations
DoD	Department of Defense
DRMO	Defense Reutilization and Marketing Office
DTSC	Department of Toxic Substances Control
ECP	Environmental Condition of Property
EDR	Environmental Data Resources, Inc.
FEMA	Federal Emergency Management Agency
FID	Facility Inventory Database
FMSM	Fuller, Mossbarger, Scott and May Engineers, Inc.
FURS	Federal Underground Injection Control Reporting System
HAZMAT	hazardous materials
IFR	indoor firing range
kg	kilograms
LBP	lead-based paint
LUST	leaking underground storage tank
MEC	munitions and explosives of concern
MEP	military equipment parking
NFA	No Further Action
NPL	National Priority List
NWI	National Wetland Inventory
OMS	Organizational Maintenance Shop

OSHA	Occupational Safety and Health Administration
OWS	oil/water separator
PADS	PCB Activity Data System
PA/SI	Preliminary Assessment / Site Investigation
PCBs	polychlorinated biphenyls
pCi/l	picoCuries per liter
POL	petroleum, oil and lubricant
RCRA	Resource Conservation and Recovery Act
RQ	Reportable Quantity
RRC	Regional Readiness Command
SLIC	State Spill, Leaking, Investigations and Cleanups
SWEEPS	Statewide Environmental Evaluation and Planning System
USACE	United States Army Corps of Engineers
USAR	United States Army Reserve
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UST	underground storage tank
UXO	unexploded ordnance

1.0 INTRODUCTION

FMSM was contracted by the USACE – Louisville District, to prepare an ECP Report for the Desiderio Hall USAR Center (CA038). The facility is located at 655 Westminster Drive, Pasadena, California, hereafter referred to as the "Site" or "USAR Center". In support of the ECP Report, a visual reconnaissance of the Site was conducted on 3 August 2006. The purpose of the visit was to visually obtain information indicating the environmental condition of property at the Site.

1.1 PURPOSE OF ENVIRONMENTAL CONDITION OF PROPERTY REPORT

The Military Department with real property accountability shall assess, determine and document the environmental condition of all transferable property in an ECP Report. This ECP Report is based on readily available information. Pursuant to the Department of Defense's policy, set forth in the Base Redevelopment and Realignment Manual (DoD 4165.66-M, March 1, 2006) Section C8.3 (BRRM), the primary purposes of the ECP Report include the following:

- Provide the Army with information it may use to make disposal decisions;
- Provide the public with information relative to the environmental condition of the property;
- Assist in community planning for the reuse of Base Realignment and Closure (BRAC) property;
- Assist Federal agencies during the property screening process;
- Provide information for prospective buyers;
- Assist prospective new owners in meeting the requirements under EPA's "All Appropriate Inquiry" regulations;
- Provide information about completed remedial and corrective actions at the property;
- Assist in determining appropriate responsibilities, asset valuation, and liabilities with other parties to a transaction.

The ECP Report contains the information required to comply with the provisions of 40 Code of Federal Regulations (CFR) Part 373, which require that a notice accompany contracts for the sale of, and deeds entered into, for the transfer of federal property on which any hazardous substance was stored, released or disposed of. The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA),

Section 120(h) stipulates that a notice is required if certain quantities of designated hazardous substances have been stored on the property for one year or more – specifically, quantities exceeding 1,000 kilograms or the reportable quantity, whichever is greater, of the substances specified in 40 CFR 302.4 or one kilogram of acutely hazardous waste as defined in 40 CFR 261.30. A notice is also required if hazardous substances have been disposed of or released on the property in an amount greater than or equal to the reportable quantity. Army Regulation (AR) 200-1 requires that the ECP Report address asbestos, lead-based paint, radon and other substances potentially hazardous to human health.

This ECP Report used the American Society for Testing and materials (ASTM) Designation D 6008-96 (2005), *Standard Practice for Conducting Environmental Baseline Surveys* as a guideline when not inconsistent with the BRRM, CERCLA § 120, Army regulations and other applicable Army guidance.

1.2 SCOPE OF SERVICES

This ECP Report covers the USAR Center located at 655 Westminster Drive, Pasadena, California. The property is bounded by Westminster Drive to the south, Arroyo Seco Park to the west, the Colorado Street Bridge to the north, and a City of Pasadena office building to the east. Site maps are provided in Appendix A. Appendix B provides photographs taken during the August 2006 site visit. Appendix C provides warranty deeds for the property and chain of title information. Historical environmental documents and reports are provided in Appendix D, while Appendix E contains environmental database reports, including the Environmental Data Resources, Inc. (EDR) reports.

This ECP report classifies the property into one of seven DoD Environmental ECP categories as defined by Deputy Under Secretary of Defense S. Goodman Memorandum, “Clarification of ‘Uncontaminated’ Environmental Condition of Property at BRAC Installations” (21 October 1996). The property classification categories are as follows:

- Category 1 – Areas where no release or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent areas).
- Category 2 – Areas where only the release or disposal of petroleum products has occurred.
- Category 3 – Areas where release, disposal, and/or migration of hazardous substances has occurred, but at concentrations that do not require a removal or remedial response.

- Category 4 – Areas where release, disposal, and/or migration of hazardous substances has occurred, and all removal or remedial actions to protect human health and the environment have been taken.
- Category 5 – Areas where release, disposal, and/or migration of hazardous substances has occurred, and removal or remedial actions are under way, but all required remedial actions have not yet been taken.
- Category 6 – Areas where release, disposal, and/or migration of hazardous substances have occurred, but required actions have not yet been implemented.
- Category 7 – Areas that are not evaluated or require additional evaluation.

2.0 SITE LOCATION AND PHYSICAL DESCRIPTION

2.1 SITE LOCATION

The Desiderio Hall USAR Center is located in the central portion of Los Angeles County, California, within the city limits of Pasadena, California. The site is located in a primarily residential area. The Colorado Boulevard Bridge intersects a portion of the northern boundary of the site. Beyond that is located a condominium development. The area south of the site is residential. The former VA Hospital, now a City of Pasadena office building is located to the east. Arroyo Seco Park and horse trails are located to the west. Figure 1 in Appendix A provides a general site location map.

2.2 ASSET INFORMATION

Facility Name and Address:	Desiderio Hall USAR Center (CA038) 655 Westminster Drive Pasadena, CA 91105
Property Owner:	United States of America
Date of Ownership:	1943
Current Occupant:	3rd Battalion, 413th Regiment
Zoning:	WGSP-2; West Gateway Specific Plan
County, State:	Los Angeles County, California
USGS Quadrangle(s):	Pasadena, CA
Section/Township/Range:	Not Applicable
Latitude/Longitude:	N 34° 8’ 36.6”; W 118° 9’ 53.6”
Property Description:	Being that parcel or tract of land, situated and lying in the Vista Crest Tract, City of Pasadena, Los Angeles, California, per map recorded in Book 5, Page 34 of Maps. Assessor’s Parcel Number: 5714-016-903. Information provided by the title company is included in Appendix C.

2.3 PHYSICAL DESCRIPTION

The USAR Center is situated on approximately 5.1 acres of land with four permanent structures (Figure 2, in Appendix A): the USAR Center building, the OMS building, the storage building, and the HAZMAT shed.

The USAR Center building is a two-story concrete and concrete block structure with a stucco exterior (Figures 3 and 4; Photographs 1, 2 and 3, in Appendix A & B, respectively). The interior of the USAR Center building consists of office space, classrooms, kitchen area, and storage. The former indoor firing range (IFR) was operated on the second floor of the USAR Center building. A lead abatement was performed in this area and it now is used as office space (Photograph 4, in Appendix B). The building contains 22,152 square feet of floor space. This building is connected by an enclosed walkway to the assembly hall.

The OMS is a single-story concrete structure with a stucco exterior (Figure 5, Photograph 5 in Appendix A & B, respectively). The building is used for storage, office space and classroom (Photograph 6, in Appendix B). It has 3,798 square feet of storage space.

The storage building is a single-story equipment storage building (Figure 6; Photograph 7 in Appendix A & B, respectively). It is a steel frame building with metal siding. The building has 2,226 square feet of storage space (Photograph 8, in Appendix B). There is a small amount of office and training area on the south side of this building.

The fourth building, a concrete block flammable and hazardous material storage building was located to the northwest of the storage building. It was reported during the Site visit that this building was at one time used to store flammable liquids (paint, paint thinner, and petroleum, oil and lubricant (POL) products), but later was only used for general storage. The building was locked and facility personnel indicated not presently used (Photograph 9, in Appendix B). No discolorations or other potential indicators of previous spills or releases were observed on the surrounding pavement.

Parking lots are located both north and east of the USAR Center building. Parking to the east is primarily for privately owned vehicles (POV). A military equipment parking lot (MEP) is located adjacent to the USAR Center building and north and west of the assembly hall. No military vehicles were located within the MEP area during the site visit.

Chain link security fencing topped with barbed wire encloses the MEP area, the OMS building, the storage building, and the northwest section of the property. Approximately two-thirds of the Site is covered by impervious surfaces (e.g. asphalt parking areas, driveways, concrete walkways, buildings, etc.). The remaining ground surface is grass covered lawn areas.

A vehicle washing area is located at the southeast corner of the property. On the east and south property line, a diversion curb directs stormwater from up slope around and away from the wash rack. There is a short curb around the wash rack and the pavement in the wash rack is sloped toward a central single steel grated drain (Photograph 10, in Appendix B). The fluids collected by the wash rack flow to an OWS located just outside the curbing to the south (Photograph 11, in Appendix B). The effluent from the OWS discharges into the sanitary sewer. Drums labeled as containing hazardous waste were located along the edge of the wash rack (Photographs 12 and 13, in Appendix B).

Recently, a cell tower location was leased from the Army and constructed on the northeast portion of the Site to the north of the storage building (Photograph 14, in Appendix B).

Approximately 80 percent of the Site is covered by impervious surface features (e.g. asphalt parking areas, driveways, concrete walkways, building footprints, etc.). The remaining ground surface is covered by lawn area. Topographically, the Site is relatively flat and contains little relief. Appendix B provides photographs taken during the August 2006 site visit.

2.4 SITE HYDROLOGY AND GEOLOGY

2.4.1 Surface Water Characteristics

According to the 1994 USGS Topographical Map (Figure 7, in Appendix A), the Site is situated at an elevation of approximately 780 feet above mean sea level, on the eastern slope of a north-south canyon that is drained by the Arroyo Seco River. The San Rafael Hills, an extension of the Ventana Mountains are located west of the Site. The Arroyo Seco River drains the east side of the Ventana Mountains and is a tributary to the Los Angeles River, which discharges into the Pacific Ocean.

Stormwater sheet flows to storm drains located to the west of the MEP area and POV parking area. A storm drain is also located in the grassy area north of the MEP area near the northern property boundary where it ultimately discharges to a ditch flowing into the canyon.

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map, Community Panel 0650500000A, the Site is not located in the 100-year floodplain elevation or the 500-year floodplain elevation. Figure 8, in Appendix A, provides a map depicting the extents of the nearest 100- and 500-year floodplain in relation to the Site.

2.4.2 Geology / Hydrogeology Characteristics

The site is situated in Middle Pleistocene aged alluvial fan deposits consisting of slightly to moderately consolidated sands, gravels, boulders and silts. Abundant folding and faulting has occurred in this area due to its proximity to the San Andreas Fault system. Displacement events are a common occurrence in the area.

According to information acquired from the Soil Conservation Service's State Soil Geographic Database for Los Angeles County, the soil type at the Site has been identified as URBAN LAND. According to the information provided in the EDR Geocheck Report, this soil does not meet the requirements for a hydric soil.

The following additional subordinate soil types may appear within the general area of the target property. Surface and surficial soil are generally described as sandy loam grading into fine sandy loam over gravelly sandy loam.

The site is located within five miles of the underground Los Angeles River suggesting an active ground water flow regime in the shallow subsurface of the coarse alluvial sediments. The ground water flow is predominantly southward towards the ocean; however, due to extensive extraction of ground water in the region resulting in hydraulic gradient change, the site specific flow pattern may not conform to the regional flow model.

2.5 SITE UTILITIES

Water Service – The City of provides potable water service to the Site.

Sanitary Sewer System – The City of Pasadena provides sanitary sewer service to the Site. The primary source of wastewater that is directed to the city sewer system includes non-process wastewater (bathrooms, sinks, etc.), and when the vehicle wash rack is in use, effluent from the OWS.

Gas and Electric – The Gas Company provides natural gas service to the Site, while the City of Pasadena provides electric service to the Site.

2.6 WATER SUPPLY WELLS AND SEPTIC SYSTEMS

Based upon a review of available historical site and agency records and interviews with current site personnel, there is no evidence that suggests either a water supply well or a septic system has been located at the Site.

A search of Federal and State water well databases identified two water supply sources located approximately 1-mile southeast of the Site. One well was identified in the

Federal FRDS Public Waster Supply System and the other well was identified in the State Database Well information system.

The two wells identified are located to the east southeast of the site. If the regional groundwater direction estimate is reasonably correct, the two wells would not be located up-gradient of the site. The well located east southeast of the site currently does not have major enforcement actions identified. The second well located further southeast reported low levels of chlorinated compounds in 1985. No additional data were provided by the EDR report.

3.0 SITE HISTORY

3.1 HISTORY OF OWNERSHIP

Land titles for the Site were reviewed back to 1943. Appendix C contains information on the previous property ownership and report of environmental liens for the Site. The documents obtained did not identify any leases or environmental liens against the USAR Center property. According to historical documentation, the United States of America was granted title to the Site by the City of Pasadena in 1943. Appendix E provides a copy of the historical Sanborn fire insurance maps obtained from EDR.

Available business directories including City, cross-reference and telephone directories were reviewed, if available, at approximately five-year intervals for the years spanning 1920 through 2004. According to a City Directory provided by EDR and dated July 14, 2006, the address of the USAR Center was first listed in the research source (Pacific Telephone Book) in 1957 and remained listed until 1980. A copy of the City Directory is included in Appendix E.

3.2 PAST USES AND OPERATIONS

Historical information sources suggest that the Site was formerly part of the South Kenton Poultry Farm. In 1943, the United States of America was granted 5.1 acres of land at the site for construction of the USAR Center. Construction of the USAR Center building and OMS building occurred about 1956. The Site has served as a reserve and mobilization center for the Army Reserve since the USAR Center was constructed in 1956.

The Site has functioned primarily as an administrative, logistical and educational facility, with limited maintenance of military vehicles occurring in the OMS building. The facility is home to the 3rd Battalion, 413th Regiment that provides Reception Station support to the Active Army at Fort Jackson, SC, Fort Bliss, TX and Fort Sill, OK. The facility serves to process incoming reservists pay, health and service records, ID cards, uniforms and equipment. At the time of the site visit, the USAR Center building contained desks, office furniture, folding tables and training equipment. An adjoining assemble hall is attached to the USAR Center building on the north. The administrative building is a two-story structure with a former firing range on the southeast portion of the second floor. The firing range has been removed and abated, together with associated equipment that was contaminated with lead dust.

The OMS building is a single-story structure formerly used to perform limited maintenance activities on military equipment. Activities inside the OMS building were limited to preventative maintenance checks, including checking vehicle fluids such as motor oil, water and antifreeze, and light maintenance activities. Any equipment requiring heavier maintenance activities was sent to an Area Maintenance Support

Activity (AMSA) shop located at one of the other Reserve Centers. Equipment requiring major overhaul was also sent off site. In the past, a concrete and steel grease rack was located just east of the OMS building and was used to service vehicles. In accordance with army policy, this type of grease rack was removed from service in 2003 because of safety concerns.

Historical aerial photographs and topographic maps were the primary source of information on the past use and operations at the Site. Appendix A provide aerial views of the Site and surrounding areas in 1938, 1956, 1965, 1976, 1989, 1994 and 2002.

The 1915 USGS Topographical Map (Figure 9, in Appendix A) shows the general site area. The map depicts the general area as being undeveloped.

In the 1938 Aerial Photograph (Figure 10, in Appendix A), the property appears to contain structures but, due to the picture quality, it is difficult to make any determinations from this view.

The 1953 USGS Topographical Map (Figure 11, in Appendix A) shows the Westminster Road and the Colorado Boulevard Bridge, however, no structures are shown at the Site property.

In the 1956 Aerial Photograph (Figure 12, in Appendix A), the construction of the USAR Center building and OMS are visible. A complex of structures are visible north of the property, however, no information is available to identify these structures.

In the 1965, Aerial Photograph (Figure 13, in Appendix A), some of the structures north of the Site appear to have been replaced with a parking lot. The storage building is now visible in this aerial.

In the 1976 and 1989 Aerial Photographs (Figures 14, and 15, in Appendix A), the Site structures are visible. The aerial appears fairly similar to the 1965 view.

In the 1994 Aerial Photograph (Figure 16, in Appendix A), with the exception of the storage building, most of the complex to the north appears gone. The Site appears to have not changed since the 1989 aerial.

The 2002 Aerial Photograph (Figure 17, in Appendix A) shows the Site as it currently exists. The USAR Center building, with attached assemble hall is clearly visible. The wash rack can be seen along the southeastern property boundary. The grease rack is not visible adjacent to the OMS. The storage building is visible, along with the flammable and hazardous storage building.

3.3 PAST USE, STORAGE, DISPOSAL AND RELEASE OF HAZARDOUS SUBSTANCES

3.3.1 Past Use and Storage of Hazardous Substances

Information related to the past use and storage of hazardous substances at the Site was compiled through review of available site records, search of Federal and State environmental databases, and interviews with current Army Reserve personnel.

Chemicals formerly used and stored at the Site were associated with vehicle and facility maintenance activities, and janitorial services. Janitorial chemicals and building maintenance-related products were stored in the designated storage area within the janitorial closet located in the USAR Center building. Vehicle maintenance products and small amounts of POL products may have been stored within designated areas within the OMS building. Other potentially hazardous materials and POL products would have been stored in the outdoor hazardous material storage building located north of the OMS building within the MEP area.

Certain types of chemical products used and stored at the Site may have contained CERCLA hazardous substances and would have been stored on a rotational basis in amounts necessary to support the unit through direct support level maintenance. Current facility personnel indicated that the quantities stored would not have exceeded corresponding CERCLA reportable quantities.

Three partially filled 55-gallon drums were located on the vehicle wash rack during the Site visit in August 2006. Facility staff stated that the drums likely contained debris from the OWS system. The drums were marked with hazardous materials stickers. (USAR personnel have reported that the three drums were removed from the Site and properly disposed of after the site visit and prior to the completion of this report.)

3.3.2 Past Disposal and Release of Hazardous Substances

Information related to past disposal and potential release of hazardous substances at the Site was compiled through review of available site records, search of Federal and State environmental databases, and interviews with current Army Reserve personnel. According to Army Reserve personnel and site records, on-site disposal of hazardous materials or wastes has not occurred at the Site. No stained soil or stressed vegetation was observed during the August 2006 site visit. Additionally, the MEP area and POV parking area did not show any signs of staining and no noxious or foul odors were noted during the site visit.

3.4 PAST PRESENCE OF BULK PETROLEUM STORAGE TANKS

Based upon a review of available site records, a search of Federal and State environmental databases, and interviews with Army Reserve personnel, a petroleum

underground storage tank (UST) was believed to be operated along the northern edge of the property.

According to current site personnel, personnel believed that a fueling station and some tank of unknown type and location may have been used at the Site during the 1940s or 1950s when temporary structures were present on Site for training activities during World War II. Some type of fueling facility was said to have been located on the north side of the property near one of the existing bridge piers.

Review of the 1950 Sanborn Map (included in Appendix E) shows a symbol (circle) that may indicate the location of the historic tank. The symbol is near what appears to be a former automobile garage (identified as T205 on the Sanborn Map) beneath the W. Colorado Street Bridge (now known as Colorado Boulevard) on the northwestern portion of the property. This is now part of the POV parking lot.

Facility personnel indicated that a geophysical survey had been performed on the site in 2005. The results of this survey did not indicate the presence of a UST in the target area, but magnetic anomalies were reported on Site. The report recommended that a limited excavation be performed in the area where the anomalies were recorded. No documentation of any follow-up excavation was available.

No information was observed during the records review to indicate that an AST or UST has been operated by the USAR at the Site.

3.5 REVIEW OF PREVIOUS ENVIRONMENTAL REPORTS

A review of site records produced several reports pertaining to the Site. The following subsections provide a brief summary of these reports. Copies of the reports, unless otherwise specified, are provided in Appendix D.

3.5.1 October 1995 Radon Analysis Report

Attached to an April 22, 1999 Record of Environmental Consideration was results from a Radon Survey performed in 1995. The results of the nine samples from the USAR Center building and OMS reported in the table were below the USEPA recommended exposure limit of 4 piC/L.

3.5.2 March 1996 Harding Lawson Asbestos Survey

Excerpts of the Harding Lawson Associates Asbestos Report were observed in the project file. A complete copy of the report was not located. The portions of the report reviewed indicated that Harding Lawson Associates performed a non-destructive asbestos survey at the Site. The report indicated that asbestos was identified in the following locations:

- USAR Center building – Roofing penetration mastic and exterior stucco;
- OMS – exterior stucco and roofing materials;
- Storage Building – 12 X 12 inch tan mottled floor tile and roofing materials.

The report concluded that the asbestos-containing material (ACM) was in good condition at the time of the survey and it recommended that an Asbestos O & M Plan be developed.

3.5.3 1998 Woodward Clyde Wash Rack Evaluation Report

An excerpt from this report was obtained during the file review. The document indicates that a limited assessment was performed on the wash rack. Soil samples were obtained from three to five feet below grade and analyzed for Total Volatile Petroleum Hydrocarbons, Total Extractable Petroleum Hydrocarbons, Volatile Organic Compounds and metals. The results of the analysis did not indicate the presence of any constituent above the Region 9 Preliminary Remediation Goals.

3.5.4 September 1999 Inventory and Evaluation of USAR Facilities

An excerpt from the referenced report was reviewed as part of the file search. According to the document, prepared by the Sacramento Corps of Engineers, staff visited the site on July 15, 1997 to determine the Site's National Register Status. The report concluded that the site "does not appear to be eligible for the National Register."

3.5.5 January 2001 ITI Report of ACM Survey and Management Plan

(This report also includes limited PCB Label Inspection.)

In 2001, ITI of South Florida prepared the above referenced asbestos ACM report. This report referenced previous asbestos reports prepared by others in 1990 and 1996. The survey included the collection of seven bulk samples, four from the USAR Center building and three from the storage building, for analysis by polarized light microscopy analysis. The report indicated that none of the samples indicated a positive response for asbestos. While the following areas were not tested, the report indicated that they likely contain ACM: roofing materials on the OMS and the storage building. The report concluded that an imminent asbestos hazard was not present at the facility during the site visit but recommended the implementation of an O&M Plan. It is not presently known whether the O&M Plan has been prepared and implemented. No further information was made available during the August 2006 Site visit as to the current condition of ACM at the Site.

The report also included a limited PCB Label Inspection at the facility. The report indicated that there were no transformers located within the property boundaries. Two pole mounted transformers were observed outside the perimeter fence, however, PCB markings were not observed at the time of the assessment. This report did not discuss the electrical vault observed on the property during the 2006 site visit.

3.5.6 March 2001 Altec Testing and Engineering, Inc. Range Cleanup Report

The indoor firing range was located on the second floor of the USAR Center building. This report indicated that the IFR was constructed in 1956 and used until 1982. A lead abatement project was undertaken and completed at the Site in June 1997. The former range room is approximately 125 feet long by 20 feet wide by 11 feet in height. Bullets were captured in a pit, containing 16 to 18-inches of sand, downrange of the firing line. Prior to the 1997 abatement activities, the contents of the pit, mostly lead contaminated sand, had been removed and those materials transported off-site as a hazardous waste.

An air quality survey was performed for the range area in November 1999. Total air quality testing, metals air testing and wipe testing were performed at random during this period. The total air particulates were normal for indoor air; however, the test results indicated excessive levels of cadmium in the air and wipe test results indicated high lead counts on horizontal surfaces. Additional abatement activity was undertaken in late 1999 to further abate surfaces within the former IFR and clean or dispose of potentially lead dust contaminated computer equipment. The IFR abatement was completed in 2000. Results of quality control testing and repeated cleaning indicated the building surfaces were adequately cleaned, "All sampled locations fell below the threshold limit of 200 ug/ft$^{2.}$"

3.5.7 April 2001 DTSC Grease Rack Assessment NFA

The facility operated a grease rack adjacent to the OMS. The grease rack was proposed to be demolished as part of a safety initiative. The referenced letter indicates that an assessment was performed in the general vicinity of the grease rack. Surface soil samples were obtained and analyzed. The results of the analysis were below the applicable regulatory action level and the DTSC issued a NFA letter for the site.

3.5.8 March 2003 Record of Environmental Consideration

This document discusses the demolition of a roll-on grease rack. The document does not reference the April 2, 2001 letter from DTSC but presumably, the decision to demolish the grease rack was reached after the performance of predemolition environmental testing. The document indicated that no additional environmental analysis will be required.

3.5.9 May 2005 Geophysical Survey Report

FMSM was provided with an excerpt from the referenced report that discussed the performance of a geophysical survey at the Site. The purpose of the geophysical survey was to determine the possible existence of underground storage tanks indicated in reports, blue prints, and/or as-built drawing. Historical records indicated that a petroleum UST may have been operated on the northern portion of the site property. The geophysical survey consisted of the use of an electromagnetic profiler, ground penetrating radar, and magnetic locating equipment to record anomalies in the subsurface formation. Anomalies are reviewed to determine whether they may be attributed to natural or man-made subsurface conditions. If the weight of evidence suggests that the anomaly may be attributed to a man-made condition, intrusive methods may be employed as a means to confirm the inferred data. The findings of the 2005 assessment indicated that the data analyzed did not suggest the existence of a UST in the survey area. However, the report did recommend that one area of the site, labeled anomaly A1, be excavated to determine the nature of the metal objects identified in the area. The excerpt of the report provided to FMSM did not include the cited figures or maps to indicate where this anomaly was located.

4.0 ADJACENT PROPERTIES

Figure 17 in Appendix A provides a 2005 aerial view of the Site and adjacent properties. A new apartment complex was being built to the north of the Site during the August 2006 Site visit. A vegetated hill slope area is immediately adjacent the east of the Site and a former VA hospital and present city office building is located at the top of the slope east of the Site. Residential housing is located south of the Site and an arroyo and public access area is located to the west of the Site.

Table 1 provides a list of adjacent properties with their directional location in regards to the Site. The zoning of the adjacent parcels is also listed in Table 1. The 2002 aerial photograph in Appendix B provides a view of adjacent properties and surrounding land use.

TABLE 1
LIST OF ADJACENT PROPERTIES

Direction From Site	Name/Type of Property	Address	Zoning
North	Residential apartments	Numerous	PD-25; Planned Development
South	Residential homes	Numerous	RS-4; Single family Residential
East	Open land and office building	Numerous	PS-1; Public/semi-public, and PD-25; planned development
West	Arroyo Seco Park	Numerous	OS-Open Space

Appendix A and Appendix E provide historical the aerial photographs, topographic maps and EDR Reports, which were used to evaluate any potential environmental impacts on adjacent properties that may have also impacted the environmental condition at the Site. Land use on the adjacent properties does not appear to have changed significantly in the last twenty years.

5.0 REVIEW OF REGULATORY INFORMATION

A component of the ECP is the review of all reasonably obtainable federal, state and local government records for the Site and surrounding properties, where there has been a release or likely release of any hazardous substance or any petroleum product, and which is likely to cause or contribute to a release or threatened release of any hazardous substance or any petroleum product on the Federal real property. A regulatory database summary was acquired from EDR on 14 July 2006. The regulatory database summary consolidates standard federal, state, local and tribal environmental record sources based on ASTM recommended minimum search distances from the Site. A copy of the complete EDR report is included in Appendix E.

5.1 FEDERAL ENVIRONMENTAL RECORDS

The regulatory information presented in Table 2 was obtained from the EDR federal regulatory database search report.

TABLE 2
FEDERAL DATABASE SEARCH

Database	Search Distance (miles)	Site	<1/8	1/8 – 1/4	1/4 – 1/2	1/2 – 1	>1	Total Plotted
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
Delisted NPL	1.000		0	0	0	0	NR	0
NPL Recovery	TP		NR	NR	NR	NR	NR	0
CERCLIS	0.500		0	0	0	NR	NR	0
CERC-NFRAP	0.500		0	0	0	NR	NR	0
CORRACTS	1.000		0	0	0	1	NR	1
RCRA TSD	0.500		0	0	0	NR	NR	0
RCRA Lg. Quantity Gen	0.250		0	0	NR	NR	NR	0
RCRA Sm. Quantity Gen	0.250	X	0	0	NR	NR	NR	0
ERNS	TP		NR	NR	NR	NR	NR	0
HMIRS	TP		NR	NR	NR	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0

TABLE 2
FEDERAL DATABASE SEARCH

Database	Search Distance (miles)	Site	<1/8	1/8 – 1/4	1/4 – 1/2	1/2 – 1	>1	Total Plotted
US INST CONTROL	0.500		0	0	0	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
US Brownfields	0.500		0	0	0	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
MINES	0.250		NR	NR	NR	NR	NR	0
FINDS	TP	X	NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0

TP – Target property
NR – Not required
Acronyms are defined in detail in the attached EDR Report, Appendix E

5.1.1 CORRACTS

CORRACTS is a list of handlers with Resource Conservation and Recovery Act (RCRA) Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has corrective action activity.

According to the EDR Report, the Site is not on the CORRACTS list but one site, Monitor Polishing and Plating, is located within one mile of the Site.

5.1.2 RCRA Small Quantity Generators within 1/4 Mile

Conditionally exempt small quantity generators are defined as facilities generating less than 100 kilograms (kg) of hazardous waste, or less than 1 kg of acutely hazardous waste per month. RCRA small quantity generators are defined as facilities generating between 100 kg and 1,000 kg of hazardous waste per month, while a large quantity generator is defined as a facility generating more than 1,000 kg of hazardous waste, or over 1 kg of acutely hazardous waste per month.

According to the EDR report, the Site is a RCRA small quantity generator. The EDR Report indicated that the facility has shipped small quantities of oil/water separator sludge, aqueous solutions, oil containing waste and pesticide rinse water to a treatment, storage and disposal facility.

No other sites are situated within 1/4 mile of the Site.

5.1.3 Facility Index System / Facility Registry System (FINDS) List

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

According to the EDR report, the Site is on the FINDS list. The FINDS identified an EPA ID Number assigned to the facility as tracking the transport of materials (i.e., oil/water separator sludge, aqueous solutions, oil-containing waste, etc.) off site to a treatment, storage and disposal facility.

5.2 STATE AND LOCAL ENVIRONMENTAL RECORDS

The regulatory information presented in Table 3 was obtained from the EDR State and Local regulatory database search report. Sites identified by this database search are discussed in the following subsections.

TABLE 3
STATE DATABASE SEARCH

Database	Search Distance (miles)	Site	<1/8	1/8 – 1/4	1/4 – 1/2	1/2 – 1	>1	Total Plotted
APW	1.000		0	0	0	0	NR	0
Cal Sites	1.000		0	0	0	0	NR	0
CA Bond Exp.Plam	1.000		0	0	0	0	NR	0
NFA	0.250		1[(1)]	0	NR	NR	NR	1
NFE	0.250		0	0	NR	NR	NR	0
REF	0.250		0	0	NR	NR	NR	0
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
State landfills	0.500		0	0	1	NR	NR	1
CA WDS	TP		NR	NR	NR	NR	NR	0
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
LUST	0.500		0	0	0	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
SLIC	0.500		0	0	0	NR	NR	0
AOCONCERN	1.000		0	0	0	0	NR	0
USR	0.250		0	0	NR	NR	NR	0
HIST UST	0.250	X	0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
SWEEPS UST	0.250		0	0	NR	NR	NR	0

TABLE 3
STATE DATABASE SEARCH

Database	Search Distance (miles)	Site	<1/8	1/8 – 1/4	1/4 – 1/2	1/2 – 1	>1	Total Plotted
CHMIRS	TP		NR	NR	NR	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
LA Co. Site Mitigation	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
Drycleaners	0.250		0	0	NR	NR	NR	0
Los Angeles Co. HMS	TP	X	NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	X	NR	NR	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0

TP – Target property
NR – Not required
Acronyms are defined in detail in the attached EDR Report, Appendix E

5.2.1 State No Further Action Determination Sites within 1/4 Mile

The NFA Determination database contains properties at which the California Department of Toxic Substance Control has made clear determinations that the property does not pose a problem to the environment or to public health.

The EDR database has identified one site located within 1/4 mile of the facility. In review of the information regarding that site, identified as Pasadena Desiderio Hall, it is obvious that the NFA Site is the target property. The database indicates that a Site Investigation was performed to assess whether an inactive wash rack and oil/water separator may have degraded the environmental quality of the surrounding environmental media. At the conclusion of the investigation, the DTSC issued a No Further Action letter.

5.2.2 State Landfill Sites within 1/2 Mile

This database identifies active, closed and/or inactive landfills. According to the EDR report, the Site is not listed in the State Landfill database. However, one site is located within 1/2 mile of the facility. This facility was reported to be an unpermitted solid waste disposal site.

5.2.3 State Hazardous Substance Storage Container Sites within 1/4 Mile

The Hazardous Substance Storage Container Database (HIST UST) is a historical listing of UST sites. According to the EDR report, the Site is on the HIST UST database. The database indicated that one UST, identified as providing #2 Fuel, was located on the property. No information was provided as to whether the UST was removed, abandoned in-place or properly closed. No other sites were identified within 1/4 mile of the USAR Center.

5.2.4 Los Angeles County HMS

The Los Angeles County HMS is defined as a database of industrial waste and underground storage tank sites. No additional information is provided.

According to the EDR Report, the Site is on the Los Angeles County HMS database. This pointer database probably picked up the former UST reportedly located on the site. No additional information is available.

5.2.5 HAZNET Listing

The HAZNET listing provides data extracted from copies of hazardous waste manifests. Review of this database provides information as to whether the Site may have generated a hazardous waste.

According to the EDR report, the Site is included in the HAZNET listing. The HAZNET identified an EPA ID Number assigned to the facility as tracking the transport of materials (i.e., oil/water separator sludge, mixed solvents and oil-containing waste) off site to a treatment, storage and disposal facility.

5.2.6 State Response to Questionnaire

In addition to the information provided by the EDR Report, FMSM contacted the following regulatory agencies:

- California South Coast Air Quality District Air Division;
- California Water Quality Control Board, Surface Water Division; and

- California Integrated Waste Board, Solid Waste.

These entities replied that no requested records were found for the referenced facility or site.

5.3 TRIBAL RECORDS

The regulatory information presented in Table 4 was obtained from the EDR Tribal database search report.

TABLE 4
TRIBAL DATABASE SEARCH

Database	Search Distance (miles)	Site	<1/8	1/8 – 1/4	1/4 – 1/2	1/2 – 1	>1	Total Plotted
Indian Reservation	1.000		0	0	0	0	NR	0
Indian LUST	0.500		0	0	0	NR	NR	0
Indian UST	0.250		0	0	NR	NR	NR	0

NR – Not required

The database search did not identify any sites within the designed search radius requiring discussion.

5.4 EDR PROPRIETARY RECORDS

The regulatory information presented in Table 5 was obtained from the EDR's Proprietary Records database search report.

TABLE 5
EDR PROPRIETARY DATABASE SEARCH

Database	Search Distance (miles)	Site	<1/8	1/8 – 1/4	1/4 – 1/2	1/2 – 1	>1	Total Plotted
Manufactured Gas Plants	1.000		0	0	0	0	NR	0
EDR Historical Auto Stations	0.250		4	0	NR	NR	NR	4
EDR Historical Cleaners	0.250		1	0	NR	NR	NR	1

NR – Not required

According to the EDR report, five sites were located within the designated radius for each of the searched EDR Proprietary Databases.

5.5 HISTORICAL AUTO STATIONS

According to the EDR report, four Historical Auto Stations were located within 1/8 mile of the property. No additional information is available that would indicate that the properties present an environmental risk to the target property.

5.5.1 Historic Cleaners

The EDR Report identified one drycleaner located within 1/8 mile of the site. No additional information is available that would indicate that the properties present an environmental risk to the target property.

5.6 UNMAPPED SITES

The EDR database search yielded nine unmapped sites. Unmapped sites are those with insufficient address information such that they can only be identified as within the zip code of the target property. A reasonable effort was made to locate these sites and assess their relevance to this ECP report; however these sites were not able to be located and no additional information was able to be obtained.

5.7 SUMMARY OF PROPERTIES EVALUATED TO DETERMINE RISK TO THE SITE

To summarize Subsections 5.1 through 5.3, seven separate properties, in addition to the USAR Center, were evaluated as potential risk properties to the Site. The properties evaluated were identified as a result of information obtained during area reconnaissance and regulatory database searches and are listed below in Table 6.

TABLE 6
PROPERTIES EVALUATED FOR POTENTIAL ENVIRONMENTAL RISKS

Company/Site	Database	Elevation in Regards to Site	Potential Risk to Site?	Comment
Monitor Polishing and Plating	CORRACTS	Higher	Low	A preliminary assessment has been performed at the site and the facility assigned a low corrective action priority.
Pasadena City Landfill	SWF/LF	Lower	Low	No concerns identified.
Les Seventy Six Service	Historic Auto Stations	Lower	Low	No concerns identified.
Hallmark Ford	Historic Auto Stations	Lower	Low	No concerns identified.
BATI IE JAS	Historic Auto Stations	Lower	Low	No concerns identified.
Sun Carburetor and Electric	Historic Auto Stations	Lower	Low	No concerns identified.
Pasadena Casting Club	Historic Cleaners	Lower	Low	No concerns identified.

Based on an evaluation of available site information and details concerning the properties listed in Table 6, none of the facilities evaluated are classified as “High Risk”. “High Risk” properties are those that exhibit significant environmental conditions that have the probability of adversely affecting the environmental conditions at another site.

6.0 SITE VISIT AND REVIEW OF ENVIRONMENTAL CONDITIONS

Findings documented in the following subsections are based on the August 3, 2006 site assessment and area reconnaissance, a review of available site records, and information obtained from U.S. Army Reserve personnel.

6.1 ABOVEGROUND STORAGE TANKS

During the site visit, no ASTs were present on site and there was no evidence that ASTs were used in the past.

6.2 ASBESTOS CONTAINING MATERIAL

Several asbestos surveys have been performed at the site to date. These reports indicate the ACM is present at the site. At the time these reports were prepared, the authors indicated that the ACM did not poise an imminent hazard. No additional asbestos information was obtained during the 2006 site visit.

6.3 HAZARDOUS SUBSTANCES

At the time of the site visit, the concrete block Flammable and Hazardous Materials Storage Building was present on the northeast portion of the site. The building was locked and was reportedly not presently used. No observations were made inside the building.

Three 55-gallon drums were observed on the vehicle wash area. The drums appeared to be only partially filled with unknown contents. Facility staff stated that the drums likely contained debris from the OWS system. The three drums were marked with hazardous waste stickers. (USAR personnel have reported that the three drums were removed from the Site and properly disposed of after the site visit and prior to the completion of this report.)

A former paint and flammable materials storage closet was located in the northeast corner of the OMS Building. This closet was reported to have been cleaned and now is only used for general storage. Current facility personnel indicated that the quantities of materials stored would not have exceeded corresponding CERCLA reportable quantities.

6.4 HYDRAULIC EQUIPMENT

Hydraulic equipment, such as hydraulic lifts that may incorporate oil reservoirs, were not observed during the site visit. No history of this equipment was indicated by site personnel.

6.5 INVENTORY OF CHEMICALS / HAZARDOUS SUBSTANCES

At the time of the Site visit, an inventory of chemicals or hazardous substances was not available. Hazardous substances were not observed in the USAR Center building at the time of the August 2006 site visit.

6.6 INDOOR FIRING RANGE

The former indoor firing range area was viewed during the site assessment. The former firing range was abated and a subsequent abatement of lead dust performed again in 2000. Results of quality control testing by ITI in 2000 indicated "All sampled locations fell below the threshold limit of 200 ug/ft^2."

6.7 LEAD-BASED PAINT (LBP)

The buildings at the Site were built in 1956 and no known LBP survey has been conducted at the site. It is assumed that LBP is present in the buildings. If maintenance or demolition activities are contemplated at the site, consideration should be given to the possible presence of LBP.

6.8 MUNITIONS AND EXPLOSIVES OF CONCERN

No indications of munitions and explosives of concern (MEC) were observed during the site visit in August 2006. Only limited small arms were observed at the USAR Center. Based on available records and interviews with site personnel, there is no evidence of past or current use, storage or disposal of MEC, including unexploded ordnance (UXO), at the Site.

6.9 SURROUNDING PROPERTIES

During the site assessment, surrounding properties were viewed from public right-of-ways. No indicators of recognized environmental conditions were obvious from this limited reconnaissance.

6.10 OIL / WATER SEPARATOR

The vehicle wash rack located in the southeastern portion of the Site has a central catch basin connected to an OWS. The drain from the wash area has an automatic stormwater diversion valve that diverts rain water to surface flow. Process water from the wash rack flows into an OWS located to the south of the wash rack. Effluent from the OWS discharges into a sanitary sewer. During the Site visit, it was reported that the wash rack was not presently being used.

6.11 PITS, SUMPS, DRYWELLS AND CATCH BASINS

No pits, sumps or drywells were observed during the Site visit in August 2006. Floor drains are located within the kitchen area, mechanical room and restrooms. According facility personnel, the drains are tied into the City's sanitary sewer system.

Stormwater sheet flows towards storm drainage pathways located across the MEP and POV parking areas and discharges down the slope from the Site to the west.

6.12 POLYCHLORINATED BIPHENYL TRANSFORMERS

No transformers were observed during the site visit. A buried electrical equipment vault is located west of the USAR Center building with an above ground electrical meter adjacent to it. The access door to the vault was locked and field personnel were unable to assess whether equipment that could contain PCBs was located inside. At the time of the preparation of this report, a response from the utility regarding the contents of this vault has not been received. In absence of data, and based on the age of the facility, PCBs could be contained in electrical equipment present in the vault

6.13 POLYCHLORINATED BIPHENYL-CONTAINING EQUIPMENT

For buildings constructed during this period, older-style fluorescent light fixture ballasts may have been used in the USAR Center and OMS buildings. No records were available regarding the status of light ballasts at the Site. Older fixtures, especially those that are original to the Site, could potentially contain PCBs. However, if any ballasts that are not marked "No PCBs" are encountered and begin to leak or are removed from service, they should be assumed to fall under the USEPA definition of PCB equipment and must be managed in accordance with applicable local, State and Federal regulations.

6.14 PESTICIDES / HERBICIDES

Storage of larger than consumer-sized pesticide / herbicide products was not observed during the site visit.

6.15 RADIOLOGICAL MATERIALS

During the August 2006 site assessment and records review process, no evidence was found of the current or past storage, use or release of radiological materials at the USAR Center.

6.16 RADON

Radon testing performed in 1995 and reported concentrations were below the USEPA recommended exposure limit of 4 pCi/l.

6.17 UNDERGROUND STORAGE TANKS

No USTs or indications of USTs were observed during the site visit.

According to current site personnel, personnel believed that a fueling station and some tank of unknown type and location may have been used at the Site during the 1940s or 1950s when temporary structures were present on Site for training activities during World War II. Some type of fueling facility was said to have been located on the north side of the property near one of the existing bridge piers.

In review of the 1950 Sanborn Map, a symbol (circle) may indicate the location of the historic tank. The symbol is near what appears to be a former automobile garage (identified as T205 on the Sanborn Map) beneath the W. Colorado Street Bridge (now known as Colorado Boulevard) on the northwestern portion of the property. This is now part of the POV parking lot.

Facility personnel indicated that a geophysical survey had been performed on the site in 2005. The results of this survey did not indicate the presence of a UST in the target area, but magnetic anomalies were reported on Site. The report recommended that a limited excavation be performed in the area where the anomalies were recorded.

6.18 WASTE DISPOSAL ACTIVITIES

Solid waste is managed on-site in metal trash bins and picked up by the City of Pasadena. Non-hazardous waste management, such as used oil, is managed by the DRMO. Drums labeled as containing hazardous waste were observed near the facility wash rack.

6.19 WASTE DISPOSAL SITES

There were no signs of landfilling or illegal waste disposal activities at the Site during the August 2006 site assessment.

7.0 REVIEW OF SPECIAL RESOURCES

7.1 LAND USE

According to the City of Pasadena Zoning browser, the Site is currently zoned D4WGSP-2; West Gateway Specific Plan. Residential areas surround the Site to the north and south, while commercial property is located east of the site and public access land is located to the west. The immediate areas beyond those properties are also located in a mixed-use area consisting of commercial and residential.

7.2 COASTAL ZONE MANAGEMENT

The California Coastal Commission is the lead agency for the California Coastal Program (CCP). According to the CCP webpage, the boundary of the CCP extends into Los Angeles County, California. However, due to the distance between the Site and the Pacific Ocean, activities at the Site would not be affected by CCP requirements.

7.3 WETLANDS

The U.S. Fish and Wildlife Service (USFWS) National Wetland Inventory (NWI) map currently has no electronic data coverage at the Site location. Soils at the Site are classified as urban land, which does not meet the requirements of a hydric soil. Based on a review of USGS topographic maps, aerial photography, and soils information it is unlikely that any jurisdictional wetlands occur at the Site or its adjacent properties. Figure 18 in Appendix A provides an NWI map illustrating wetlands in the immediate vicinity.

7.4 100-YEAR FLOOD ZONE

A review of the FEMA digital Flood Hazard Area map indicates that the Site lies outside the 100-year floodplain. The nearest floodplain boundary is located over one mile from of the Site. Figure 8 in Appendix A shows the most recently updated Flood Insurance Rate Map of the Site location.

7.5 NATURAL RESOURCES

According to the USFWS, the species listed in Table 7 are known to occur in Los Angeles County, CA. No determination concerning the occurrences of these species or their potential habitat is rendered here.

TABLE 7
FEDERALLY THREATENED AND ENDANGERED SPECIES
KNOWN TO OCCUR IN LOS ANGELES COUNTY, CA

Common Name	Scientific Name	Federal Status
Arroyo Toad	*Bufo microscaphus californicus*	Endangered
California Condor	*Gymnogyps californianus*	Endangered
California Least Tern	*Sterna antillarum browni*	Endangered
Least Bell's Vireo	*Vireo bellii pusillus*	Endangered
Southwestern Willow Flycatcher	*Empidonax trallii extimus*	Endangered
Southern California Steelhead	*Oncorhynchus mykiss*	Endangered
Tidewater Goby	*Eucyclogobius newberryi*	Endangered
Unarmored Threespine Stickleback	*Gasterosteus aculeatus williamsoni*	Endangered
Quino Checker-Spot Butterfly	*Euphydryas editha quino*	Endangered
Riverside Fairy Shrimp	*Streptocephalus woottoni*	Endangered
Braunton's Milk-Vetch	*Astragalus brauntonii*	Endangered
California Orcutt Grass	*Orcuttia californica*	Endangered
Lyon's Pentachaeta	*Pentachaeta lyonii*	Endangered
Nevin's Barberry	*Berberis nevinii*	Endangered
Slender-Horned Spineflower	*Dodecahema leptoceras*	Endangered
Blunt-Nosed Leopard Lizard	*Gambelia silus*	Endangered
Conejo Dudleya	*Dudleya abramsii ssp. parva*	Threatened
Marcescent Dudleya	*Dudleya cymosa ssp. marcescens*	Threatened
Spreading Navarretia	*Navarretia fossalis*	Threatened
Verity's Dudleya	*Dudleya verityi*	Threatened
Desert Tortoise	*Gopherus agassizzii*	Threatened
California Red-Legged Frog	*Rana aurora draytonii*	Threatened
California Gnatcatcher	*Polioptila californica*	Threatened
Western Snowy Plover	*Charadrius alexandrinus nivosus*	Threatened
Bald Eagle	*Haliaeetus leucocephalus*	Threatened

7.6 CULTURAL RESOURCES

No Site specific survey addressing cultural resources was available for review. The site was not identified in the National Registration Information System database. Based upon a preliminary review of evaluation criteria for listing historic properties obtained from the National Park Service's National Register of Historic Places (NRHP), the building at the Site does not appear to meet the criteria for inclusion.

7.7 OTHER SPECIAL RESOURCES

A review of other special resources was conducted that included a search for various federally managed and protected lands within or near the Site. The Site is not within an Officially Designated Wilderness Area according to http://www.wilderness.net. It is not within a National Wetlands Management District according to the USFWS. The National Park Service does not include the Site on the Wild and Scenic Rivers list.

8.0 CONCLUSIONS

FMSM performed an ECP assessment for the Desiderio Hall facility, located at 655 Westminster Drive, Pasadena, California. The property is approximately 5.1 acres in size and includes four permanent buildings, a USAR Center building, the OMS, the storage building, and the HAZMAT shed. The Site is currently occupied by the 3rd Battalion, 413th Regiment.

Findings of this ECP are based on existing environmental information, including visual observations, site records, federal, state and local database and file information, related to the storage, release, treatment or disposal of hazardous substances or petroleum products or derivatives on the property. The following paragraphs present the findings related to the environmental conditions of property that were evaluated during the ECP Report process.

- **Aboveground and Underground Storage Tanks** – No ASTs are currently present on site, and there was no evidence that ASTs were used in the past at the Site. Facility personnel indicated that a UST may once have been operated on the northern portion of the site. The EDR database search has identified the past operation of a UST at the site. The 1950 Sanborn map includes partial symbology for a tank located in this general area. The tank symbology is not present on the 1970s Sanborn map. In May 2005, a geophysical survey was performed to determine the possible existence of the UST. The report indicated that the geophysical survey data did not suggest the existence of an UST but recommended the area be excavated to determine the nature of metal objects identified in the survey area.

- **Asbestos Containing Materials** – In 2001, ITI prepared an asbestos survey for the Site that included an evaluation of the USAR Center building, the OMS, and the storage building. ACM were found to be present in the USAR Center building roofing penetration mastic and the exterior stucco; in the OMS Building exterior stucco and roofing materials; and in the storage building's 12 X 12 inch tan mottled floor tile and roofing materials. The survey report recommended the development and implementation of an Operations and Maintenance (O&M) plan for all known and suspect ACM. An O&M Plan for the Site was not found during the file review.

- **Grease Rack –** A grease rack was operated adjacent to the OMS building. The grease rack was an above grade concrete structure that provided limited access to the underneath of vehicles for the purposes of changing oil and supplying grease to undercarriage components. A limited environmental assessment was performed to determine whether the grease rack had released constituents of concern into soil. The report did not indicate the presence of target constituents

above the regulatory action level. The 2001 letter from the California Department of Toxic Substance Control (DTSC) indicated that no further action was required. Later, the grease rack was demolished. During the 2006 site visit, no evidence of any past releases was observed in the area of the former grease rack.

- **Hazardous Substances** – A concrete block hazardous materials storage building is present on the northeast portion of the site. The building was locked and was reportedly not presently used. No observations were made inside the building.

Three 55-gallon drums were observed on the vehicle wash area. The drums appeared to be only partially filled with unknown contents. Facility staff stated that the drum likely contained debris from the OWS system. The three drums were marked with hazardous materials stickers and appeared to have been in place for some period of time. Army personnel indicated that they planned on having the drums removed from the site and disposed in an appropriate manner in the near future.

A former paint and flammable materials storage closet was located in the northeast corner of the OMS Building. This closet was reported to have been cleaned and now is only used for general storage.

- **Indoor Firing Range** – An indoor firing range was previously located on the second floor of the USAR Center building. The firing range was constructed in 1956 and used until 1982. After that period, portions of the range were converted into office and storage space. Lead abatement activities in the space began in 1997 and were completed in 2000. Confirmation sample data indicated that the indoor firing range was remediated to acceptable levels.

- **Lead-Based Paint** – The masonry buildings at this Site were constructed prior to 1978 and are assumed to contain LBP.

- **Munitions and Explosives of Concern –** There is no evidence of past or current use, storage or disposal of MEC, including UXO, at the Site.

- **Nearby Properties** – Potential environmental sites of concern, located within ASTM D 6008 recommended minimum search distances from the Site, were evaluated. None of the properties evaluated are considered high risk. “High Risk” properties are those that exhibit environmental conditions that have the probability of adversely affecting the environmental conditions at another site.

- **Oil / Water Separator** – An OWS is located adjacent to the wash rack near the OMS. The process effluent from the OWS is discharged into the facility sanitary sewer. The separator was equipped with a stormwater diversion valve to divert

stormwater collected in the basin to surface flow during precipitation events. A subsurface soil assessment was performed on soils adjacent to the wash rack and OWS. Soil samples were collected and analyzed for likely constituents of concern. The results of the sampling event did not indicate the presence of constituents of concern above the regulatory action levels.

- **Polychlorinated Biphenyls Transformers** – No transformers were observed on Site during the Site visit. A buried electrical equipment vault is located west of the USAR Center building with an above ground electrical meter adjacent to it. The access door to the vault was locked and field personnel were unable to assess whether equipment that could contain PCBs were located inside. At the time of the preparation of this report, a response from the utility regarding the contents of this vault has not been received.

- **PCB Equipment** – For buildings constructed in 1956, older-style fluorescent light fixture ballasts may have been used in the USAR Center and OMS buildings. No records were available regarding the status of light ballasts at the Site. Older fixtures, especially those that are original to the Site, could potentially contain PCBs. Ballasts that are not marked “No PCBs” should be assumed to contain PCBs and should be managed in accordance with applicable local, State and Federal regulations.

- **Pesticides or Herbicides** – Pesticides or herbicides are not stored or used in quantities larger than consumer-packaged quantities.

- **Radiological Materials** – During the August 2006 site assessment and records review process, no evidence was found of the current or past storage, use or release of radiological materials at the USAR Center.

- **Radon** – Based on the results of a 1995 radon test program, all of the sample results were reported to be below the USEPA recommended exposure limit of 4 pCi/l.

- **Underground Storage Tanks** – Facility personnel indicated that a UST may have been located on the northern portion of the site. The EDR database search has identified the past operation of a UST at the site. The 1950 Sanborn map includes partial symbol for a tank located in this general area. The tank symbol is not present on the 1970s Sanborn map. In May 2005, a geophysical survey was performed to determine the possible existence of the UST. The report indicated that the geophysical survey data did not suggest the existence of an UST but recommended the area be excavated to determine the nature of metal objects identified in the survey area.

- **Use and Storage of Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances** – Chemicals containing CERCLA hazardous substances are or may have been used and stored at several locations at the Site in amounts necessary to support unit-level vehicle and building maintenance activities. Current facility personnel indicated that the quantities stored would not have exceeded corresponding CERCLA reportable quantities. There is no evidence that the chemicals used or stored were ever improperly handled, released, or disposed at the Site.

- **Wash Water Discharge** – The facility operates an OWS associated with the vehicle wash rack. According the facility personnel, the City of Pasadena does not require a discharge permit for this sized system to discharge into the City's sanitary sewer.

ENVIRONMENTAL CONDITION OF PROPERTY

In accordance with Department of Defense policy defining the classifications (See Deputy Under Secretary of Defense Goodman Memorandum dated 21 October 1996), the Property has been classified as Category 1, an area where no release or disposal of hazardous substances or petroleum products has occurred (including no migration of these substances from adjacent areas).

9.0 LIMITATIONS

This ECP Report was prepared to review certain elements of the environmental condition of property related to the storage, release, treatment, or disposal of hazardous substances or petroleum products. It documents efforts to determine or discover the presence or likely presence of a release or threatened release of these materials. Project activities were performed in general conformance with the BRRM, ASTM D6008 guidance, the project prescribed scope of work, and generally accepted practices in the consulting industry. The degree of care and skill is consistent with that generally exercised in the industry under similar conditions.

FMSM has relied on certain information provided by the USACE, USAR, and other parties referenced in the report. This information was assumed to be accurate and complete unless information to the contrary arose during the course of the investigation. Historic documentation (e.g., information on past environmental practices, environmental records, USARC operational changes, unit and equipment changes, chemical/substance inventories and storage, current as-built drawings, etc.) and facility personnel knowledge regarding chemicals used or stored on the Site and the quantities stored, was often limited or non-existent. Therefore, statements regarding storage of chemicals or presence of hazardous substances reflect best available data and are not warranted for either completeness or accuracy over the history of the facility.

In preparing this report, FMSM was required to review previous documents from other sources (collectively referred to herein as the Prior Reports). The Prior Reports may present findings regarding the abatement or remediation of *known* concerns at the time of their preparation or within the limit of the project scope of work. The Prior Reports may include statements or opinions of the original authors of the Prior Reports as to the satisfactory completion of work. FMSM notes that environmental laws and regulations, including abatement or remedial action levels, are periodically reviewed and updated by the various regulatory agencies and may have changed since the respective dates of the Prior Reports.

FMSM has summarized Prior Reports in fulfilling the prescribed scope of work for the project. This summarization may include statements or opinions as to the satisfactory completion of work. These statements or opinions are those of the original report authors. FMSM neither warrants nor certifies the accuracy or completeness of these statements. The summarization of previous documents has not reviewed or updated those conclusions with regards to actions from the time of that document to date, current regulatory agency abatement, or remedial standards. Rather, this summary provides the original author's conclusions at the time the report was prepared. Evaluation of the completeness of previous documents or statements of abatement or remediation is beyond the current scope of service included in this contract.

A limited site reconnaissance was performed to visually identify materials or conditions representing recognized adverse environmental conditions. Identification of hidden conditions, observation of the effects of activities or incidents occurring after completion of the reconnaissance, buried conditions, conditions obscured by dense foliage, conditions beneath buildings, other structures, or covered by building/paving materials, or conditions otherwise obscured, is beyond the scope of this work. The conditions described in this report are valid only for the time that the observations were made. Some conditions may change with time.

The findings and conclusions contained in this report are based in part on the information available at the time of the study. The findings and conclusions should be considered not as scientific certainties, but as probabilities based on professional judgment of the significance of the limited data gathered in the course of the site evaluation, interviews and literature review. If additional or corrected information becomes available, FMSM requests the opportunity to review/modify conclusions, as warranted.

10.0 REFERENCES

PERSONS CONTACTED

- Mr. Wayne Alves, Supervisor, Environmental Division, 63rd Regional Readiness Command, (562) 795-1444, August 2006
- Mr. Keith Schardein, Environmental Specialist, 63rd Regional Readiness Command, (562) 972-1442, August 2006

RESOURCES CONSULTED

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- FEMA Flood Hazard Insurance Map, http://msc.fema.gov/webapp/wcs/stores/servlet/FemaWelcomeView
- Wilderness.net website http://www.wilderness.net.

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  - Calsites Database (CAL-SITES), August 6, 2005
  - Bond Expenditure Plan (CA BOND EXP. PLAN), January 1, 1989
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  - Unconfirmed Properties Referred to Another Agency (REF), August 8, 2005
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  - Toxic Pits Cleanup Act Sites (TOXIC PITS), July 1, 1995
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  - "Cortese" Hazardous Waste & Substances Sites List (CORTESE), April 1, 2001
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  - Geotracker's Leaking Underground Fuel Tank Report (LUST), April 10, 2006
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  - Leaking Underground Storage Tank Report (LUST REG 9), March 1, 2001
  - Leaking Underground Storage Tanks (LUST REG 8), February 14, 2005
  - Leaking Underground Storage Tank Case Listing (LUST REG 7), February 26, 2004
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- Spills, Leaks, Investigation & Cleanup Cost Recovery Listing (SLIC REG 5), April 1, 2005
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- SLIC List (SLIC REG 7), November 24, 2004
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    - Public Schools
    - Private Schools
    - Daycare Centers; Child Care Listing
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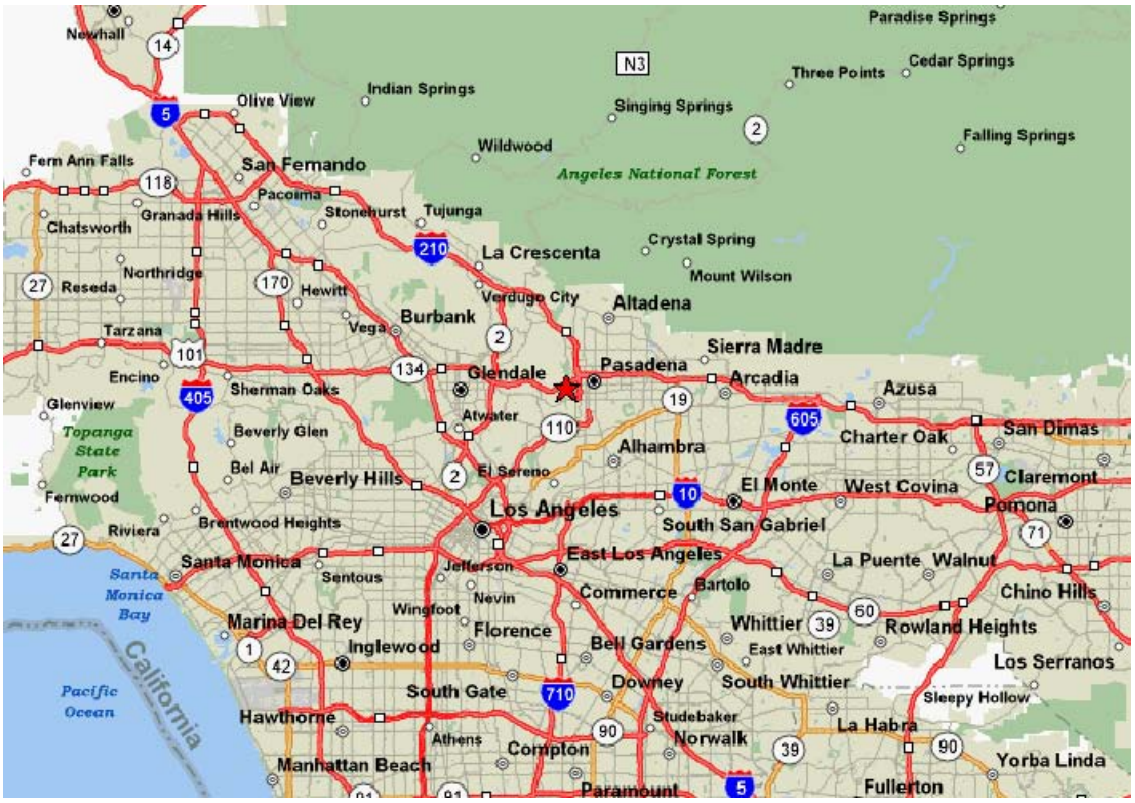
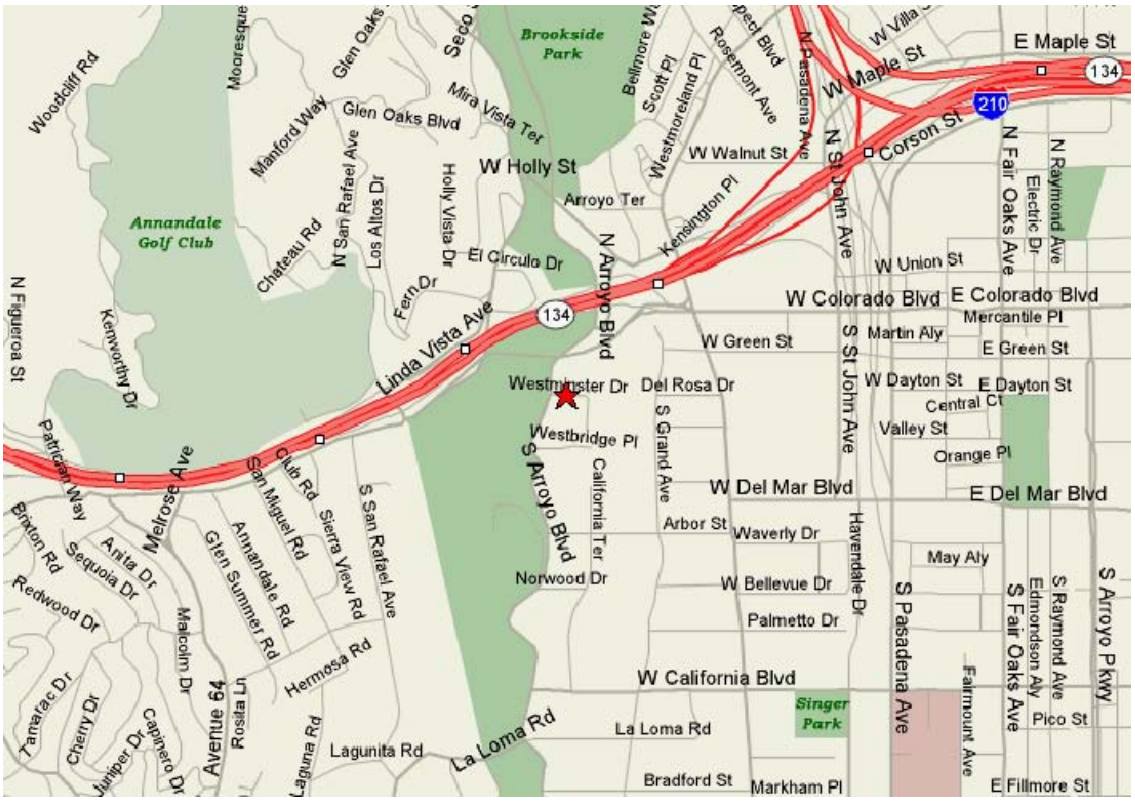
APPENDIX A

FIGURES

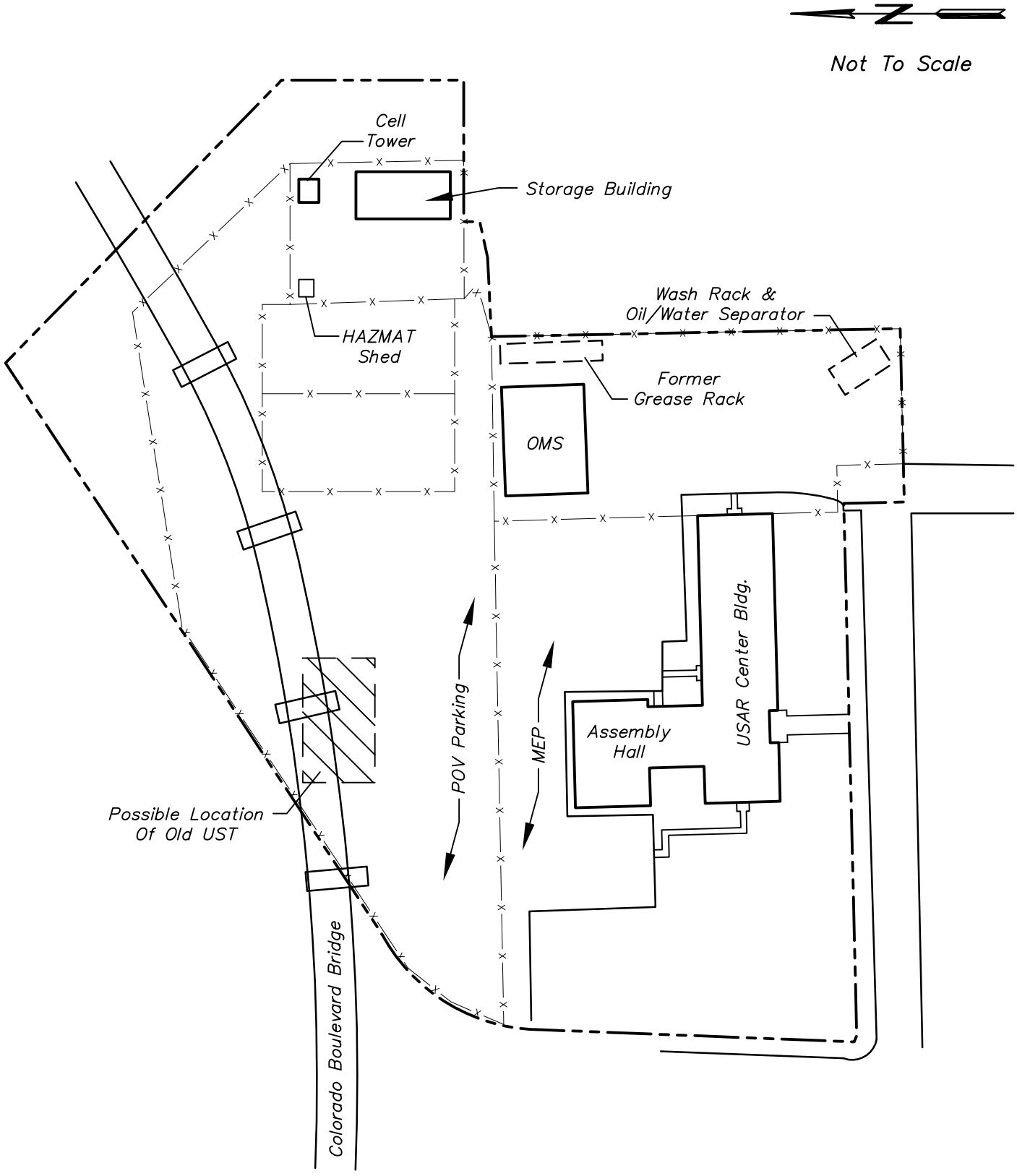




ENGINEERS

FIGURE 1
GENERAL SITE LOCATION MAP
CA038 DESIDERO HALL USARC
655 Westminster Drive
Pasadena, Los Angeles County, California

LV2006038-BRAC EOPs\CA038\CA038Pasadena-GenLoc.dwg



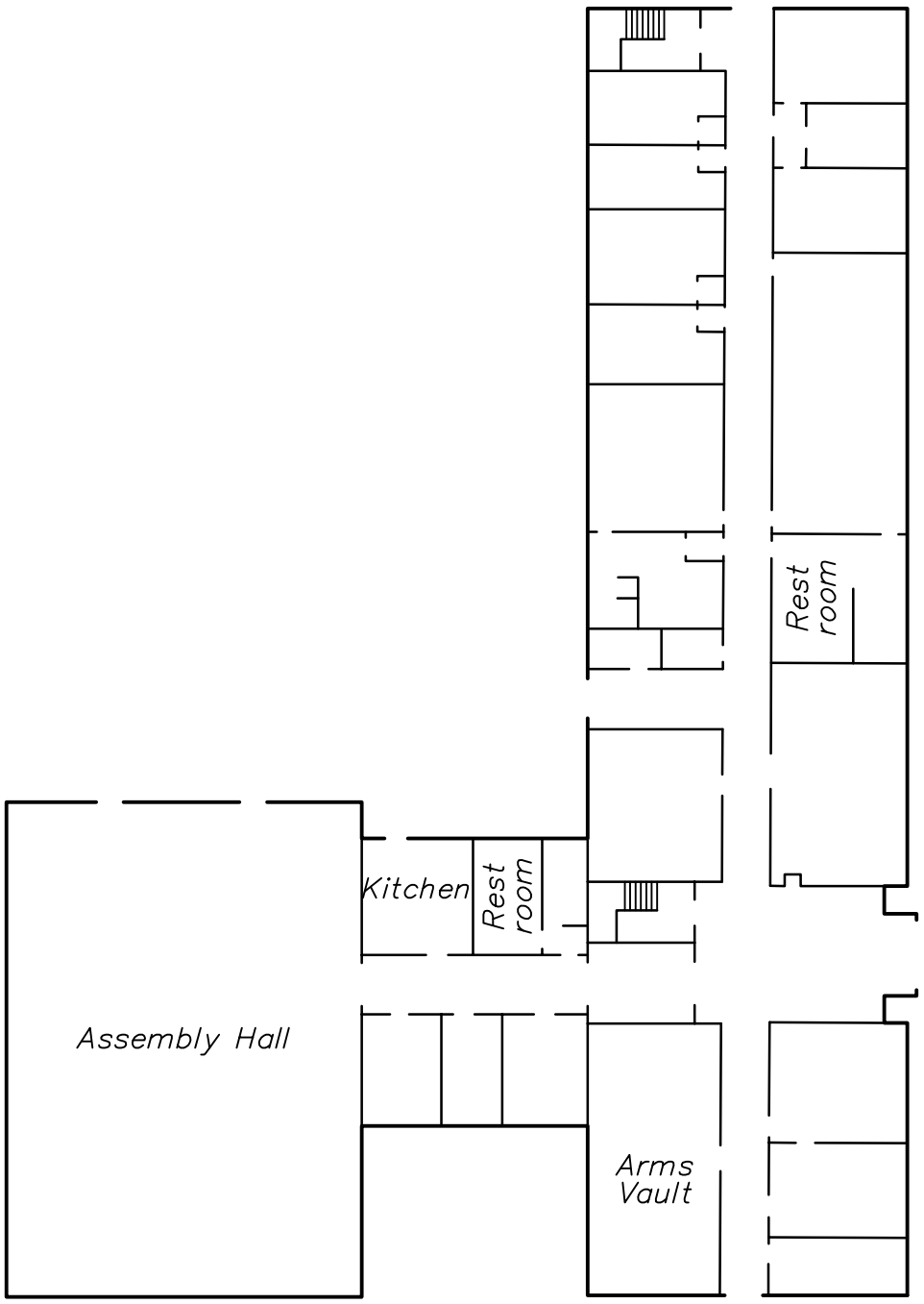
Adapted from previous OWS Survey (2003) prepared by Harding Lawson Associates US Army Reserve 63rd RSC

EMSM ENGINEERS

FIGURE 2
PLAN VIEW LAYOUT OF SITE
CA038 DESIDERO HALL USARC
655 Westminster Drive
Pasadena, Los Angeles County, California

LV2006038\CA038Pasadena-Site.Dwg

Not to Scale



Note:
Unlabeled rooms are offices, storage or classrooms.

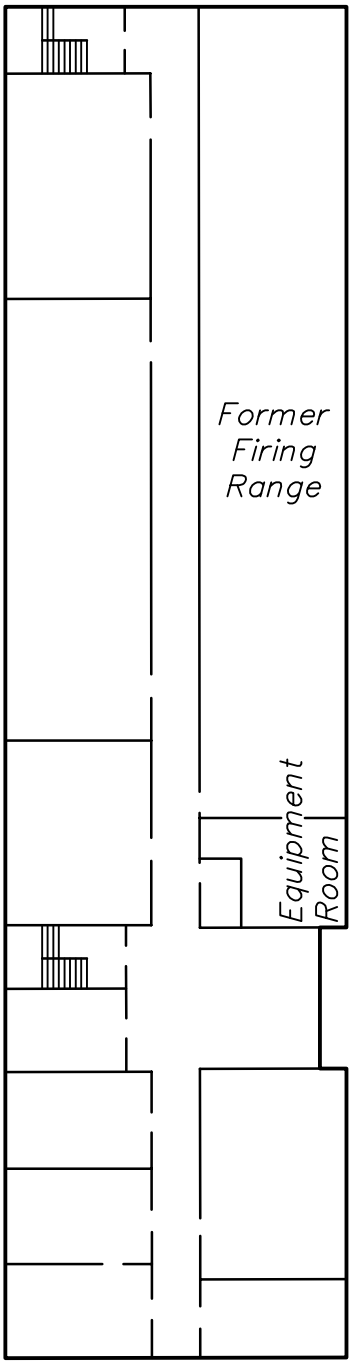
Adapted from previous Range Abatement Report (2000) prepared by Altec Testing for US Army Reserve 63rd RSC

EMSM ENGINEERS

FIGURE 3
INTERIOR LAYOUT, FIRST FLOOR, USAR CENTER BUILDING
CA038 DESIDERO HALL USARC
655 Westminster Drive
Pasadena, Los Angeles County, California

LV2006038\CA038Pasadena-Bldg1.Dwg

Not to Scale



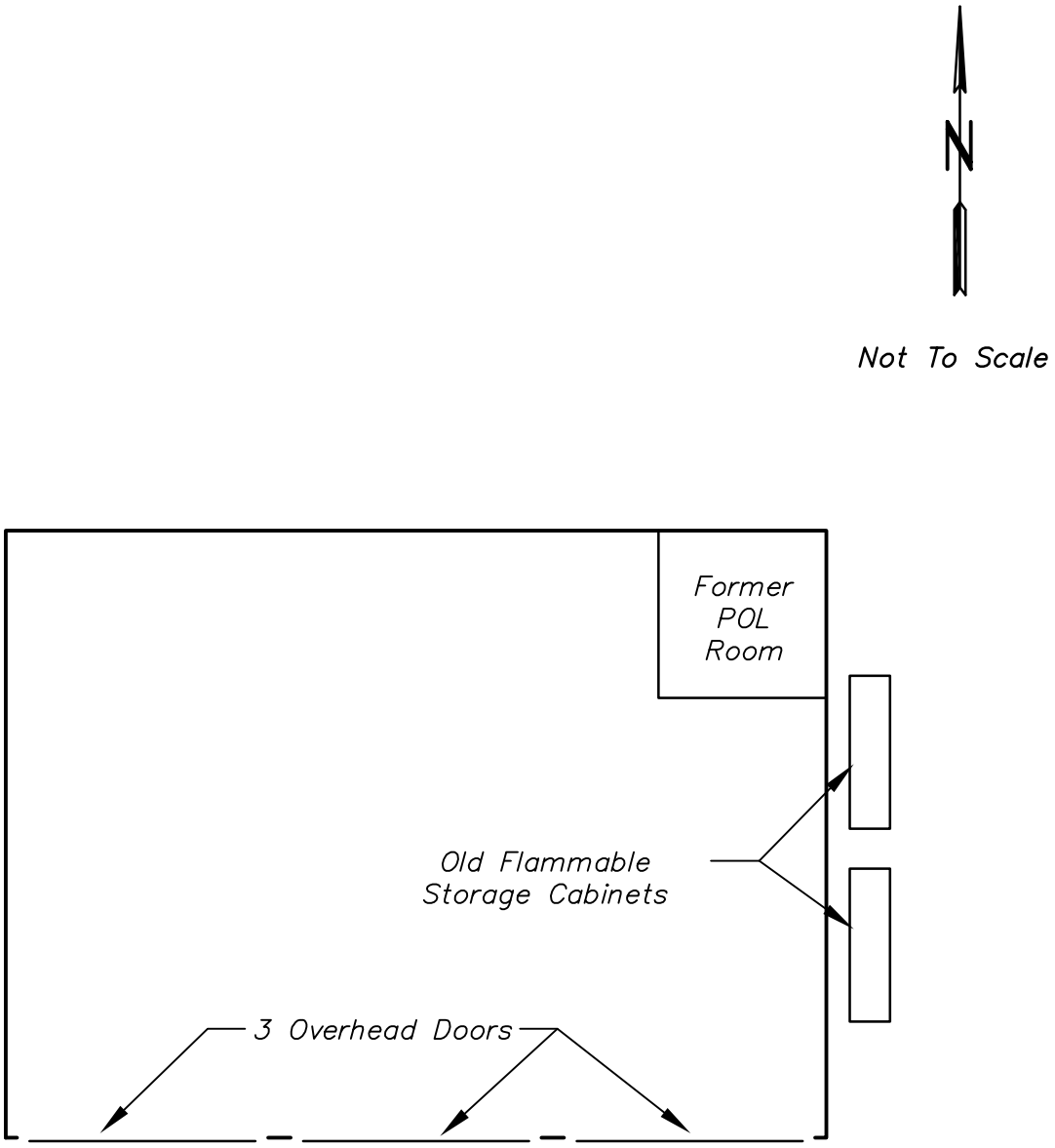
Note:
Unlabeled rooms are offices, storage or classrooms.

Adapted from previous Range Abatement Report (2000) prepared by Altec Testing for US Army Reserve 63rd RSC

EMSM ENGINEERS

FIGURE 4
INTERIOR LAYOUT, SECOND FLOOR, USAR CENTER BUILDING
CA038 DESIDERO HALL USARC
655 Westminster Drive
Pasadena, Los Angeles County, California

LV2006038\CA038Pasadena-Bldg2.Dwg

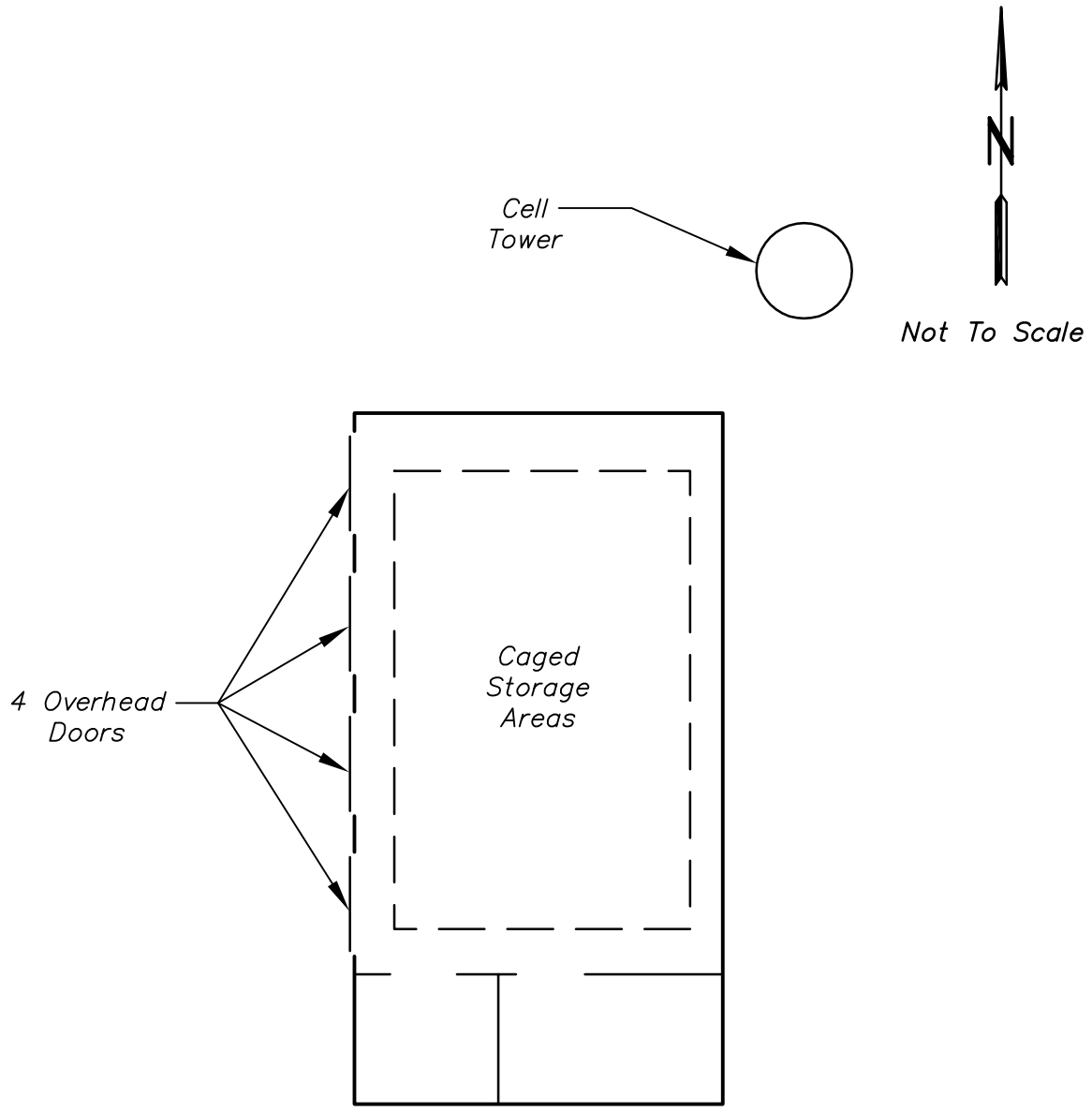


Adapted from previous TADLP Report (Apr 1999) prepared for US Army Reserve 63rd RSC

EMSM ENGINEERS

FIGURE 5
INTERIOR LAYOUT, OMS BUILDING
CA038 DESIDERO HALL USARC
655 Westminster Drive
Pasadena, Los Angeles County, California

LV20060038\CA038Pasadena-BldgOMS.Dwg



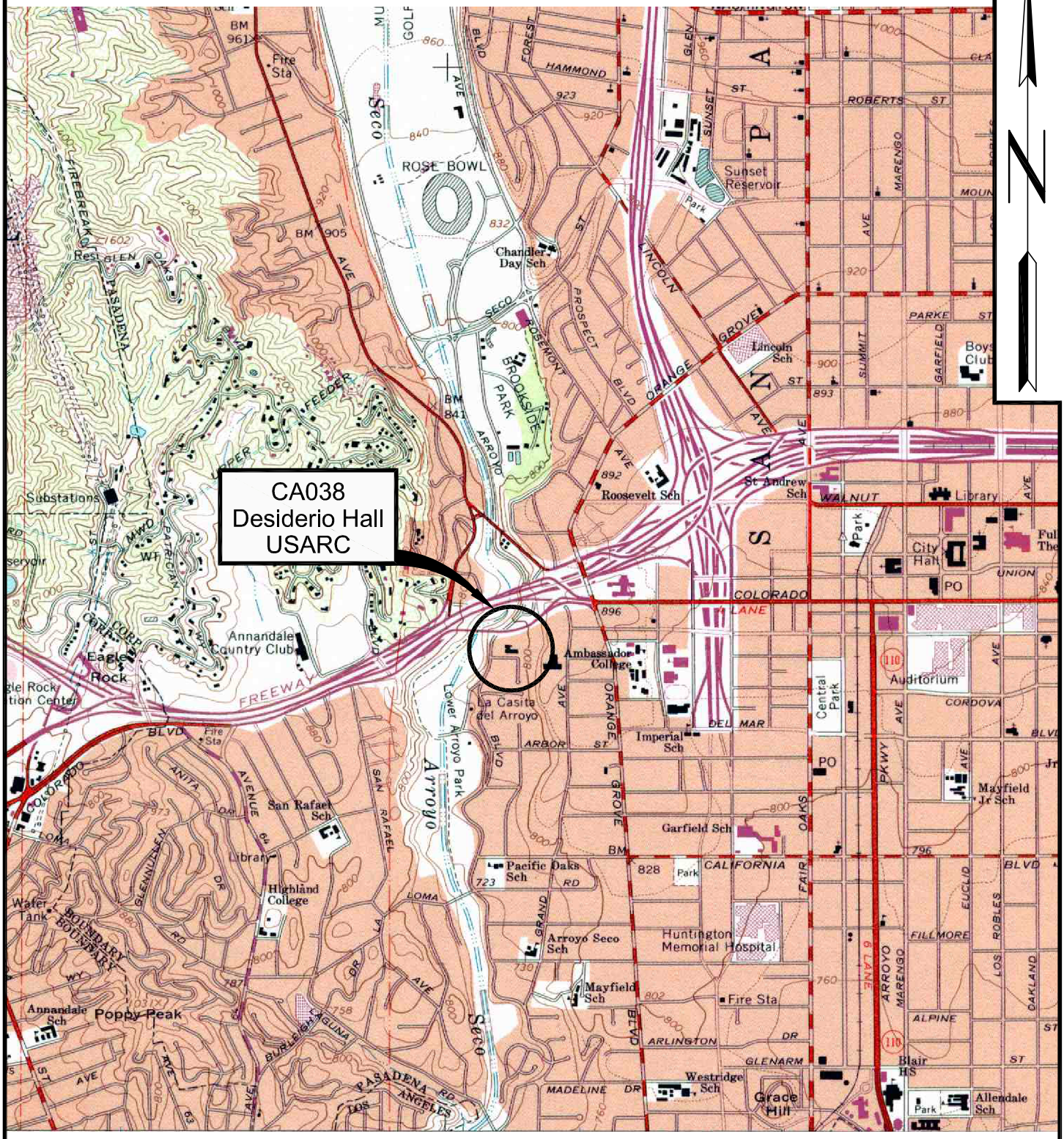
Note:
Unlabeled rooms are offices, storage or classrooms.

Adapted from previous TADLP Report (Apr 1999) prepared for US Army Reserve 63rd RSC

EMSM ENGINEERS

FIGURE 6
INTERIOR LAYOUT, STORAGE BUILDING
CA038 DESIDERO HALL USARC
655 Westminster Drive
Pasadena, Los Angeles County, California

LV2006038\CA038Pasadena-Bldg3.Dwg

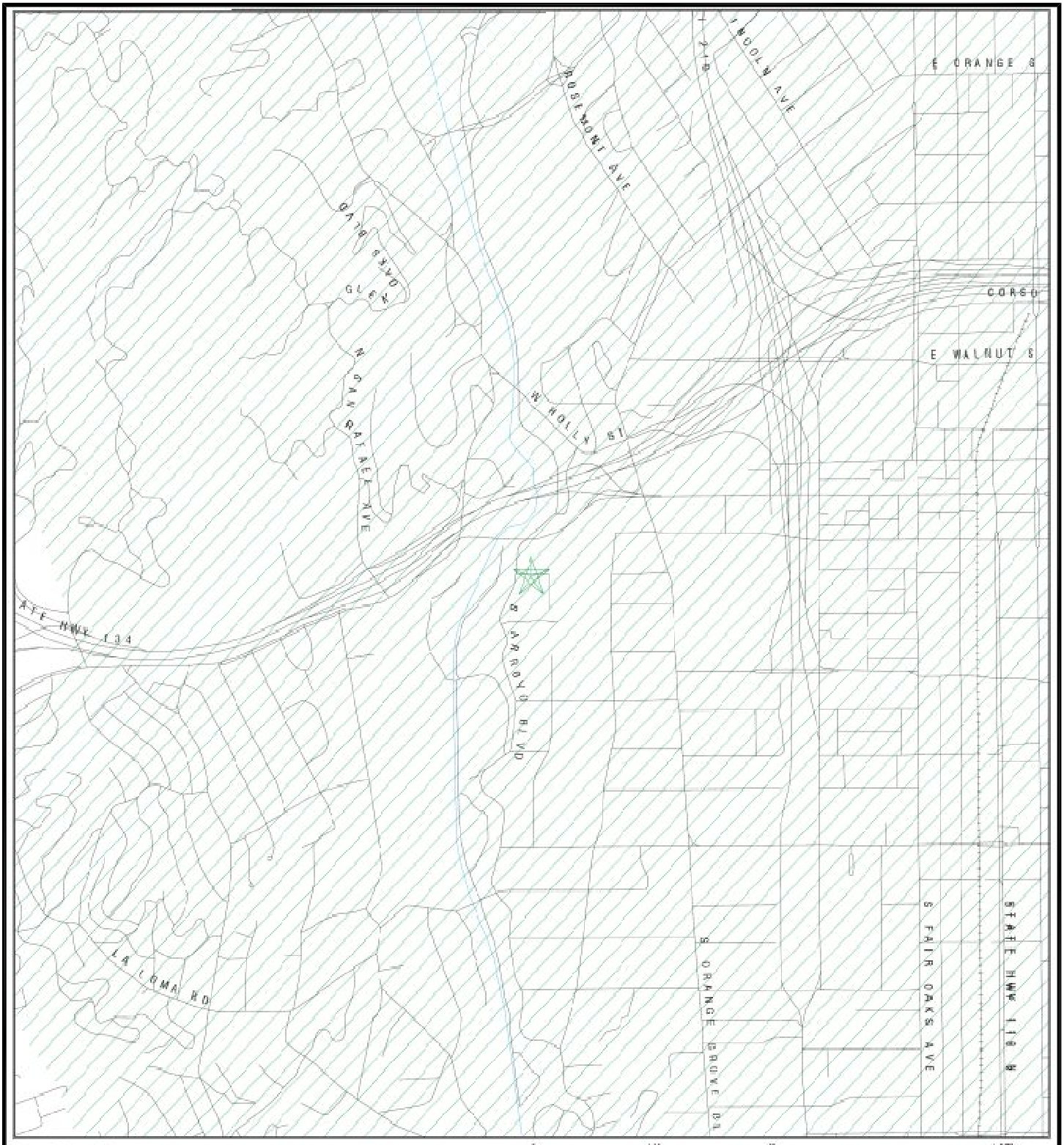


ENGINEERS

Scale: 1" = 2000'

FIGURE 7
1994 USGS TOPOGRAPHIC MAP, PASADENA, CALIFORNIA
CA038 DESIDERO HALL USARC
655 Westminster Drive
Pasadena, Los Angeles County, California

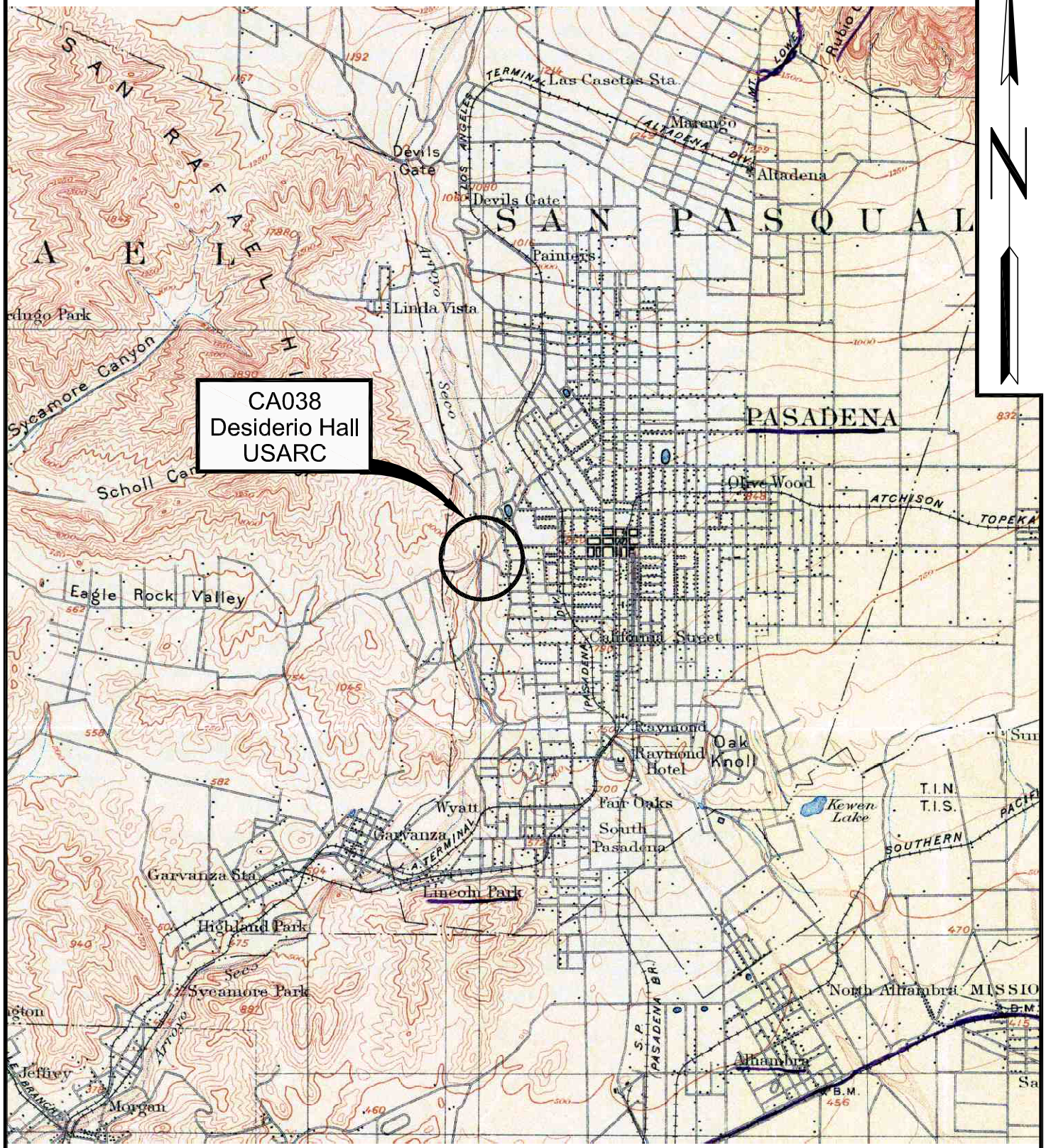
LV2006038\CA038USGS1994.Dwg



EMSM ENGINEERS

FIGURE 8
FLOOD INSURANCE RATE MAP
CA038 DESIDERO HALL USARC
655 Westminster Drive
Pasadena, Los Angeles County, California

LV2006038\CA038Pasadena-DFirm.dwg



EMSM ENGINEERS

FIGURE 9
1915 USGS TOPOGRAPHIC MAP, PASADENA, CALIFORNIA
CA038 DESIDERO HALL USARC
655 Westminster Drive
Pasadena, Los Angeles County, California

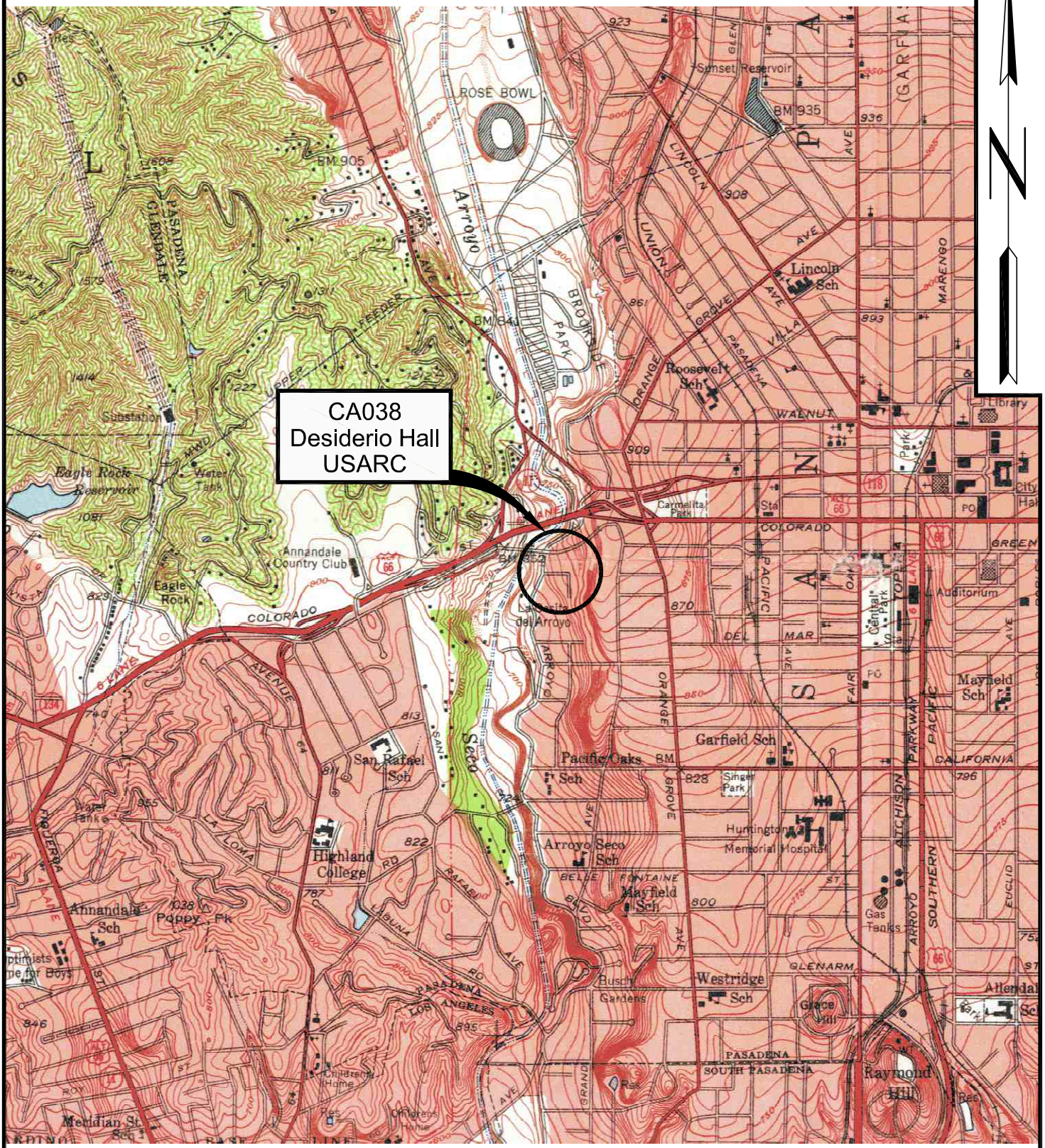
Scale: 1:62500

LV2006038\CA038USGS1915.Dwg

EMSM ENGINEERS

FIGURE 10
1938 AERIAL PHOTOGRAPH
CA038 DESIDERO HALL USARC
655 Westminster Drive
Pasadena, Los Angeles County, California

LV2006038\CA038Aerial1938.Dwg



EMSM ENGINEERS

FIGURE 11
1953 USGS TOPOGRAPHIC MAP, PASADENA, CALIFORNIA
CA038 DESIDERO HALL USARC
655 Westminster Drive
Pasadena, Los Angeles County, California

Scale: 1" = 2000'

LV2006038\CA038USGS1953.Dwg

Property Boundaries shown on this Figure are estimated

EMSM ENGINEERS

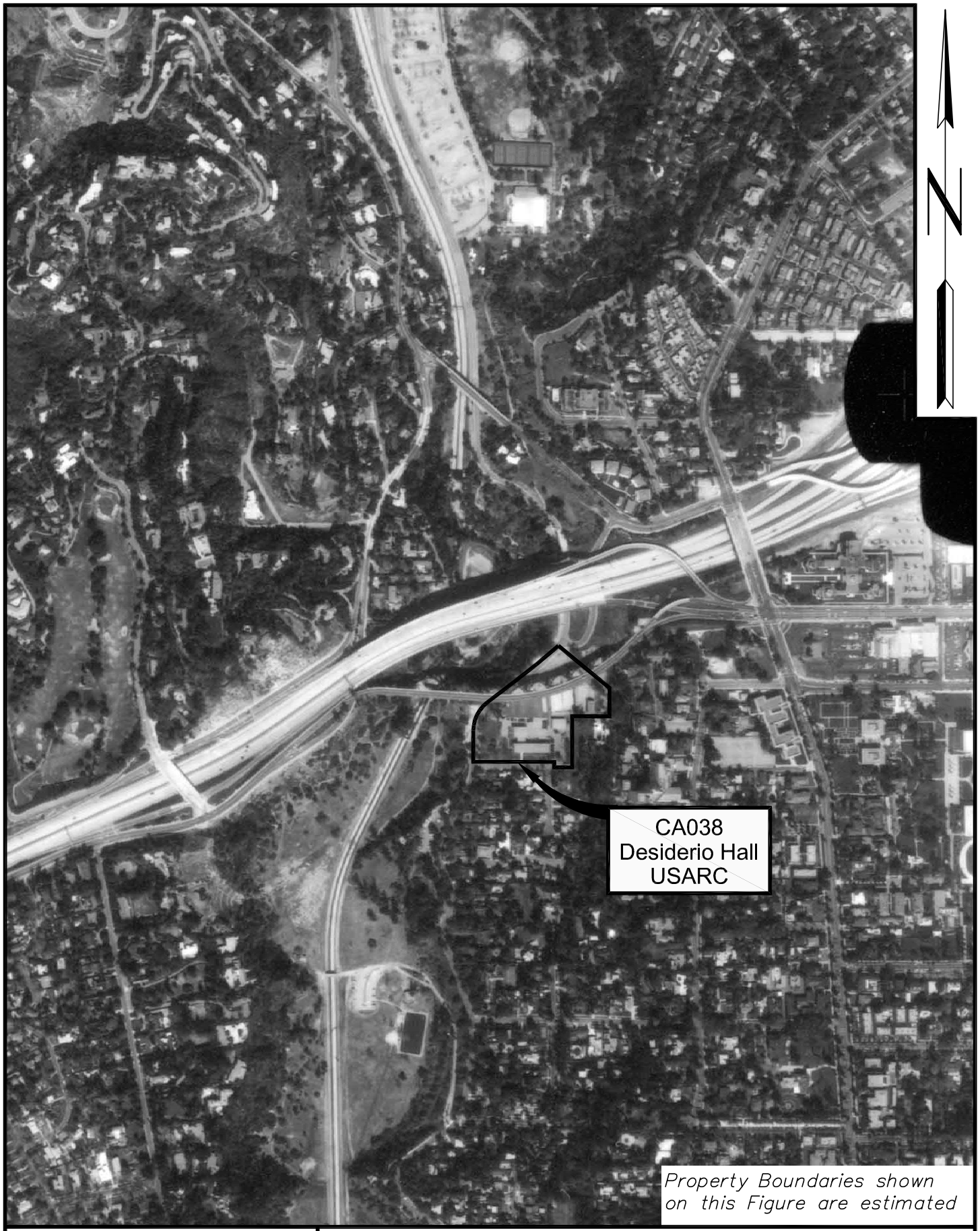
FIGURE 12
1956 AERIAL PHOTOGRAPH
CA038 DESIDERO HALL USARC
655 Westminster Drive
Pasadena, Los Angeles County, California

LV2006038\CA038Aerial1956.Dwg

EMSM ENGINEERS

FIGURE 13
1965 AERIAL PHOTOGRAPH
CA038 DESIDERO HALL USARC
655 Westminster Drive
Pasadena, Los Angeles County, California

LV2006038\CA038Aerial1965.Dwg



EMSM ENGINEERS

FIGURE 14
1976 AERIAL PHOTOGRAPH
CA038 DESIDERO HALL USARC
655 Westminster Drive
Pasadena, Los Angeles County, California

LV2006038\CA038Aerial1976.Dwg

EMSM ENGINEERS

FIGURE 15
1989 AERIAL PHOTOGRAPH
CA038 DESIDERO HALL USARC
655 Westminster Drive
Pasadena, Los Angeles County, California

LV2006038\CA038Aerial1989.Dwg

EMSM ENGINEERS

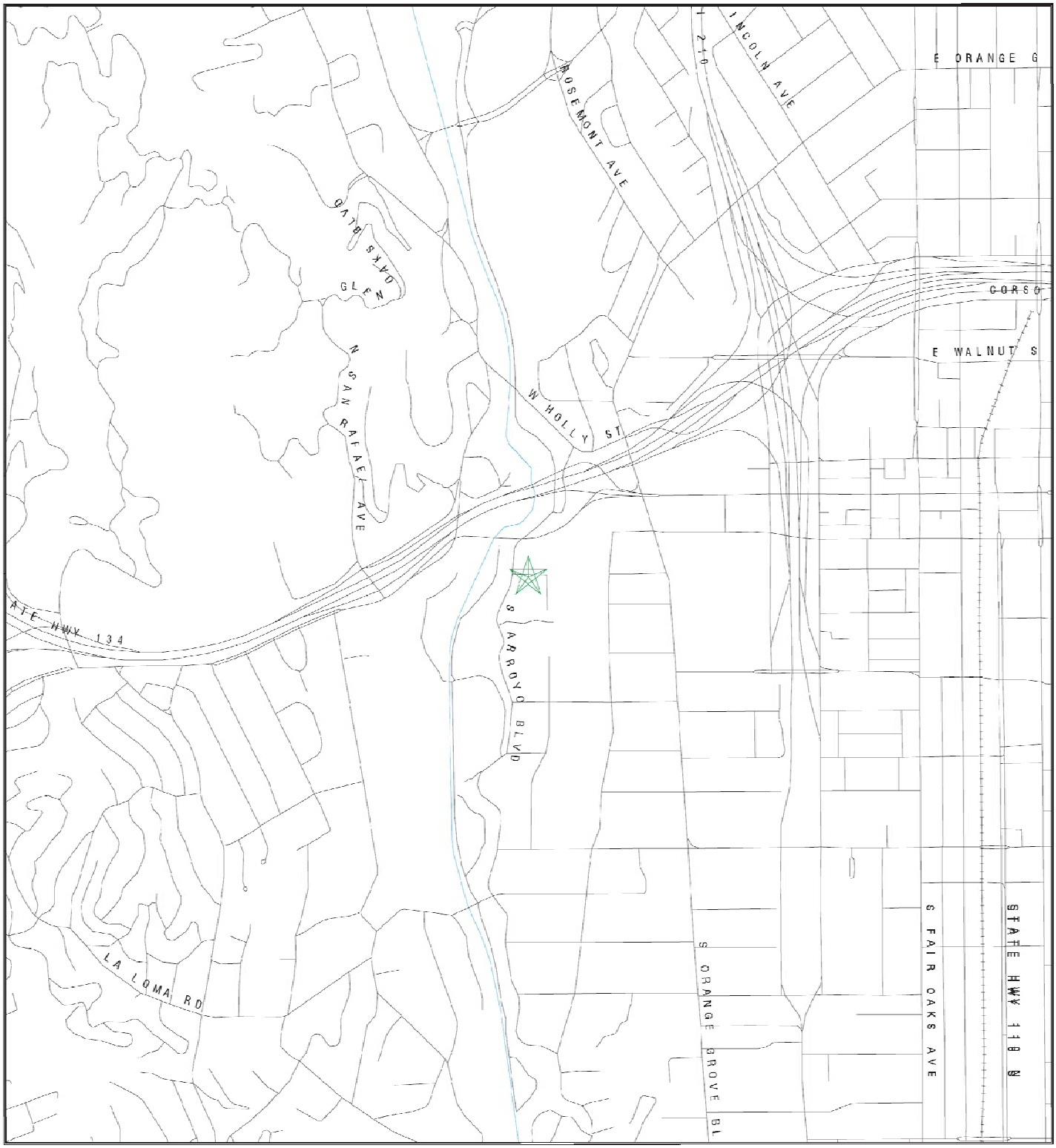
FIGURE 16
1994 AERIAL PHOTOGRAPH
CA038 DESIDERO HALL USARC
655 Westminster Drive
Pasadena, Los Angeles County, California

LV2006038\CA038Aerial1994.Dwg

EMSM ENGINEERS

FIGURE 17
2005 AERIAL PHOTOGRAPH
CA038 DESIDERO HALL USARC
655 Westminster Drive
Pasadena, Los Angeles County, California

LV2006038\CA038Aerial2005.Dwg



EMSM ENGINEERS

FIGURE 18
NATIONAL WETLANDS INVENTORY MAP
CA038 DESIDERO HALL USARC
655 Westminster Drive
Pasadena, Los Angeles County, California

LV2006038\CA038Pasadena-NWI.Dwg

APPENDIX B

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Photograph 13 . Drum with Hazardous Waste Label

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APPENDIX C

PROPERTY ACQUISITION DOCUMENTS AND CHAIN OF TITLE

APPENDIX C: PROPERTY ENVIRONMENTAL LIEN AND CHAIN OF TITLE INFORMATION

Chain of Title Report

Environmental Lien Search Report

2055 East Rio Salado Parkway, Suite 201
Tempe, Arizona 85281
Phone: (480) 967-6752
Fax Number: (480) 966-9422
Web Site: www.netronline.com

HISTORICAL CHAIN OF TITLE REPORT

DESIDERIO HALL USARC
655 WESTMINSTER DR
PASADENA, CALIFORNIA

Submitted to:

ENVIRONMENTAL DATA RESOURCES, INC.
C/O
FMSM ENGINEERS
1901 Nelson Miller Parkway
Louisville, Kentucky 28401
(502) 212-5039

Attention: Robert Newman

Project No. N06-5239

Monday, August 28, 2006

NETR- Real Estate Research & Information hereby submits the following ASTM historical chain-of-title to the land described below, subject to the leases/miscellaneous shown in Section 2. Title to the estate or interest covered by this report appears to be vested in:

UNITED STATES OF AMERICA

The following is the current property legal description:

Being that parcel or tract of land, situated and lying in the Vista Crest Tract, City of Pasadena, Los Angeles County, State of California, per map recorded in Book 5, Page 34 of Maps

Assessor's Parcel No: 5714-016-903

1. HISTORICAL CHAIN OF TITLE

1. DECREE:
   - RECORDED: 08-30-1943
   - GRANTOR: City of Pasadena
   - GRANTEE: United States of America
   - INSTRUMENT: 751

2. LEASES AND MISCELLANEOUS

1. No institutional controls or engineering controls were found of record.

3. LIMITATION

This report was prepared for the use of Environmental Data Resources, Inc., and FMSM Engineers, exclusively. This report is neither a guarantee of title, a commitment to insure, or a policy of title insurance. NETR- Real Estate Research & Information does not guarantee nor include any warranty of any kind whether expressed or implied, about the validity of all information included in this report since this information is retrieved as it is recorded from the various agencies that make it available. The total liability is limited to the fee paid for this report.

The EDR Environmental Lien Search Report

DESIDERIO HALL USARC
655 WESTMINSTER DR
PASADENA, CALIFORNIA

Monday, August 28, 2006

Project Number: L06-4550

The Standard In Environmental Risk Management Information

440 Wheelers Farm Road
Milford, Connecticut 06460

Nationwide Customer Service

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

ENVIRONMENTAL LIEN REPORT

The EDR Environmental Lien Search Report is intended to assist in the search for environmental liens filed in land title records.

TARGET PROPERTY INFORMATION

ADDRESS

DESIDERIO HALL USARC
655 WESTMINSTER DR
PASADENA, CALIFORNIA

DEED INFORMATION

Type of Deed: WD ☐ QCD ☐ Other ☒ DECREE

Title is vested in: United States of America

Title received from: City of Pasadena, California

Deed Recorded: 08-30-1943
Document No: 751

LEGAL DESCRIPTION

Description: Being that parcel or tract of land, situated and lying in the Vista Crest Tract, City of Pasadena, Los Angeles County, State of California, per map recorded in Book 5, Page 34 of Maps

Assessor's Parcel Number: 5714-016-903

ENVIRONMENTAL LIEN

Environmental Lien: **Found** ☐ **Not Found** ☒

1st Party:

2nd Party:

Recorded:
Book:
Page:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AULs: **Found** ☐ **Not Found** ☒

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

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APPENDIX D

PREVIOUS ENVIRONMENTAL SITE ASSESSMENT REPORTS

APPENDIX D: PREVIOUS ENVIRONMENTAL SITE ASSESSMENT REPORTS

Radon Table

March 20, 1996 Harding Lawson Asbestos Survey

1998 Woodward Clyde Wash Rack Evaluation Report

September 1999 Inventory and Evaluation of U.S. Army Reserve Facilities

January 22, 2001 STI Report of Asbestos Containing Materials Survey

March 21, 2001 Altec Testing and Engineering, Inc. Range Cleanup Report

April 2, 2001 DTSC Letter

March 25, 2003 Record of Environmental Consideration

Geophysical Survey

Table 3

Radon Summary Data Sheet

Building	Canister Location (North, South, East and West)	Canister Bar Code No.	Exposure Dates		Results (pCi/l)
			Start	Stop	
Administration	Room 113 (east wall)	E613	10-4-95	1-25-96	3.0
Administration	Room 112 (north wall)	H987	10-4-95	1-25-96	<0.5
Administration	Room 102 (north wall)	H191	10-4-95	1-25-96	0.7
Administration	Room 107 (northwest corner wall)	H011	10-4-95	1-25-96	1.4
Administration	Room 101 (southwest corner of shelf)	H993	10-4-95	1-25-96	<0.5
Administration	Room 117 (east wall)	H131	10-4-95	1-25-96	2.0
Administration	Drill hall (cage - middle of north side of hall)	H965	10-4-95	1-25-96	<0.5
Motor Pool	Cage (northeast corner wall)	E455	10-4-95	1-25-96	<0.5
Motor Pool	Between Cages 9 & 10	H906	10-4-95	1-25-96	<0.5
217	DETECTOR MISSING - NOT RECEIVED	E625	10-4-95	NA	NA

ENCL 4

Asbestos Survey
Pasadena U.S. Army Reserve Center
Pasadena, California
Contract DACA05-92-D-0036
Delivery Order 14
Modification 1

Prepared for

Department of the Army
Corps of Engineers, Sacramento District
CESPK-ED-E
1325 J Street
Sacramento, California 95814

HLA Project No. 30261 002232

Alex Vargas, CAC 92-0870
Project Environmental Scientist

Donald A. Pape, RG, REA
Principal Hydrogeologist

March 20, 1996

Harding Lawson Associates
Engineering and Environmental Services
30 Corporate Park, Suite 400
Irvine, California 92714 – (714) 260-1800

ENCLOSURE 1

6.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the findings above, HLA has concluded:

- The following ACM is present in the Pasadena USARC facility:

  Desiderio Hall

  - Roofing penetration mastic
  - Exterior stucco

  OMS Building

  - Exterior stucco

  Building 217

  - 12- by 12-inch tan mottled floor tile (tile only)

- The roof of the OMS Building was not accessible at the time of the survey and may contain suspect ACM.

- An imminent asbestos hazard was not present in the buildings during the site visit.

According to Mr. Monroe, asbestos-containing TSI, expansion joint cloth, and floor tile identified in the STI survey report was replaced in late 1990 or early 1991. HLA did not sample these replacement materials and assumes that previously identified ACM was removed and replaced with non-ACM materials. TSI observed within Desiderio Hall has been identified by HLA to be fiberglass insulation.

Exterior stucco was analyzed and reported as containing a trace amount of chrysotile asbestos. A trace amount indicates that asbestos is present in the material in an amount below the reliable limit of detection of PLM analysis (less than 1 percent). Cal-OSHA defines an ACM as any material containing greater than 0.1 percent asbestos by weight. Therefore, HLA recommends that materials containing a trace amount of asbestos be further analyzed by transmission electron microscopy utilizing a gravimetric reduction method to determine the asbestos content down to 0.1 percent.

Based on the review of STI's previous asbestos survey report and HLA's survey and assessment, and our understanding of the COE's objectives and applicable regulations, HLA recommends the following:

- **Develop and implement an O&M plan for all known and suspect ACM**

  ACM in good or damaged condition, not subject to renovation or demolition, may be repaired as needed and managed in place in accordance with a properly designed and implemented asbestos O&M program. The O&M plan sets forth the responsibilities of the Asbestos Coordinator, asbestos consultant, building occupants and employees, and contractors performing work where ACM is located and requires:

  - Written permission from the Asbestos Coordinator before any person performs any construction, renovation, improvement, or like work in or to the buildings
  - Permission to do work that, based upon the nature and scope of the work, will involve or potentially involve ACM. All asbestos-related work will require authorization by the Asbestos Coordinator and performance by an asbestos abatement contractor
  - Strict compliance with all permit requirements and procedures supplied by the Asbestos Coordinator and all directions given by the Asbestos Coordinator
  - Immediate reporting to the Asbestos Coordinator of any spills or other releases of ACM (including the presence of any debris that may contain asbestos), observed or suspected, so that the Asbestos Coordinator can respond as appropriate

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Appendix B Daily Reports for Field Activities

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List of Acronyms

%	Percent
%R	calculated percent recoveries
±	Plus or Minus
AMSA	Area Maintenance Support Activity
B	Bulk Sample
BG	Background
bgs	below ground surface
BTEX	Benzene, Toluene, Ethylbenzene, Xylenes
CLP	Contract Laboratory Program
COC	Chain of Custody
EPA	United States Environmental Protection Agency
FD	Field Duplicate
FSP	Field Sampling Plan
HSP	Health and Safety Plan
ID	Identification
J	qualified as estimated
LCS	Laboratory Control Samples
LD	Laboratory (or Matrix) Duplicate
mg/kg	milligram per kilogram
ml	milliliter
MRL	Method Reporting Limit
MS	Matrix Spike
MS/SD	matrix spike/matrix spike duplicate
NA	Not Applicable
OWS	Oil Water Separator
PRG	Preliminary Remediation Goal
QA	Quality Assurance
QAP	Quality Assurance Plan
QA/QC	Quality Assurance/Quality Control
QC	Quality Control
RB	Rinsate Blank
RPD	Relative Percent Difference
S	Soil Sample or Surface Soil Sample
SA	Field Sample
SAP	Sampling and Analysis Plan
SD	Matrix Spike Duplicate
SI	Site Investigation
SOP	Standard Operating Procedure
TD	Total Depth
TPH	Total Petroleum Hydrocarbon
TVPH/TEPH	Total Volatile Petroleum Hydrocarbons/Total Extractable Petroleum Hydrocarbons
U	non-detect
USACE	U.S. Army Corps of Engineers
USARC	U.S. Army Reserve Center
VOC	Volatile Organic Compound

WP	Work Plan

This Field Investigation Report summarizes the soil sampling conducted for five United States Army Reserve Center (USARC) sites in California and Arizona. The Report describes the project objectives, field activities, and results, which includes detailed information on the work approach, including specific sampling locations, sampling procedures, and analytical methods.

1.1 PURPOSE AND SCOPE

Woodward-Clyde Federal Services (hereafter referred to as Woodward-Clyde) was contracted by the U.S. Department of the Army Los Angeles District, Corps of Engineers (USACE), under Contract No. DACA67-98-D-1005, Delivery Order No. CQ01 to conduct site investigations for five USARC sites in California and Arizona to identify potential environmental contamination and assist in further evaluation of these sites. Soil sampling was conducted at each of these sites in the area of grease racks, and/or vehicle wash racks.

1.2 REPORT ORGANIZATION

The Field Investigation Report is organized into the following six sections and appendixes:

Section One - Introduction, describes the report organization and presents the purpose and scope of the investigation.

Section Two - Site Descriptions and Background, provides a description of the sites being investigated at each location.

Section Three - Field Investigation, provides a description of the field investigation. This section describes field activities performed, sampling procedures and documents the deviations from the work plan.

Section Four - Results, presents the data collected, laboratory analysis performed, the analytical results, and a summary of the data review. The analytical results are presented separately for each site along with a comparison to the EPA Region 9 Residential Soil Preliminary Remediation Goals (PRGs).

Section Five - Conclusions and Recommendations, presents a brief summary of the findings of the field investigation and recommends additional work, if necessary.

Section Six - References, contains references for documents cited in the text.

- Appendix A - Site Photographs
- Appendix B - Daily Reports for Field Activities
- Appendix C -Data Validation Reports, Laboratory Analytical Results, and Chain of Custody Forms

This section gives a brief description of the physical setting and site backgrounds of the five USARC installations. The five installations are located in California and Arizona as shown on Figure 2-1 and listed below. Information was obtained during the initial site investigations conducted by Woodward-Clyde between October 14 and November 4, 1997, and during the current field investigation conducted between September 17 and 24, 1998.

Facility ID	Installation Name	Location
CA038	USARC Pasadena	665 Westminister Drive Pasadena, CA
CA071	USARC Santa Ana	2345 Barranca Parkway Irvine, CA
CA093	USARC Van Nuys (AMSA 32)	6357 Woodley Van Nuys, CA
CA116	USARC San Jose (AMSA 12)	155 West Hedding San Jose, CA
AZ016	USARC Tucson	1750 E Silverlake Tucson, AZ

2.1 USARC PASADENA (CA038)

The USARC Pasadena installation is located at 665 Westminister Drive in Pasadena, California. The installation consists of a one-story main administration building and a motor pool area. The motor pool area consists of paved fenced area with a maintenance building, a grease rack, a vehicle wash pad with a three compartment oil water separator (OWS) and a parking area. . The entire motor pool area is paved with asphalt. The grease rack is located adjacent to the maintenance building on the east side and the vehicle wash rack is located at the southeast corner of the motor pool area. The grease rack is of concrete construction with a bermed concrete pad. According to the Facility manager, Mr. Art Smith, these two structures have been unused in the last four years. Prior to that Mr. Smith has no information because the facilities were occupied by another tenant organization.

Soil sampling was conducted at the vehicle wash rack for this investigation.

2.2 USARC SANTA ANA (CA071)

The USARC Santa Ana installation is located at 2345 Barranca Parkway in Irvine, CA. The installation consists of a main administration building and a maintenance yard. The maintenance yard consists of a maintenance building, a vehicle wash pad with a three compartment OWS and a grease rack. The grease rack is of concrete construction with a concrete pad. According to the facility manager, Major Francis Segura, the grease rack has been unused over the last few years. The entire maintenance yard is paved with asphalt.

Soil sampling was conducted at the grease rack for this investigation.

2.3 USARC VAN NUYS - AMSA 32 (CA093)

The USARC Van Nuys installation is an Area Maintenance Support Activity (AMSA) facility primarily involved in performing vehicle maintenance. This installation is located at 6357 Woodley in Van Nuys, California. The installation consists of a maintenance building, two vehicle wash rack with a three compartment OWS, hazardous material storage area, and a motor pool area. The entire installation is paved with asphalt and concrete.

Soil sampling was conducted at the vehicle wash rack for this investigation.

2.4 USARC SAN JOSE - AMSA 12 (CA116)

The USARC San Jose installation is located at 155 West Hedding in San Jose, California. The installation consists of a main administration building and the AMSA facility. The AMSA facility is located on an adjacent lot to the north of the main building. The AMSA facility consists of a maintenance building, a storage building, a hazardous material storage area, a grease rack and a vehicle wash pad with a single compartment OWS. The area within the AMSA facility is paved with asphalt.

The grease rack is located adjacent to the maintenance building on the west side while the vehicle wash rack is located to the northwest. The grease rack is of concrete construction with asphalt surface. According to Sgt. Darnell, Hazmat Coordinator for USARC San Jose, the grease rack has been unused in the last few years.

Soil sampling was conducted at the grease rack for this investigation.

2.5 USARC TUCSON (AZ016)

The USARC Tucson installation is located at 1750 East 29th Street in Tucson, Arizona. The facility consists of a main building (approximately 28,310 square feet) and a vehicle maintenance building (approximately 3,651 square feet). The main building is comprised of two parts, north and south, connected by a hallway. The northern part is a two-story structure which houses administrative offices and class rooms. The southern part is a one-story structure which houses drill rooms, storage space, and the kitchen. The vehicle maintenance building is located at the south end of the property.

The area within the facility is completely paved with asphalt and is used for parking military vehicles. A vehicle wash rack with an OWS and a heavy equipment service rack are located west of the vehicle maintenance building. The OWS is connected to the public sanitary sewer system but no information regarding a sewer connection permit was available.

A hazardous material storage building is located at the southwest corner of the facility. No USTs/ASTs are located at the facility. A pad-mounted electrical transformer is located east of the hallway connecting the northern and southern portion of the main building. A grease trap is located north of the kitchen in the open area between the two portions of the main building.

Soil sampling was conducted at the vehicle wash rack and grease rack for this investigation.

The field investigation was conducted by Woodward-Clyde on September 17 and 18, 1998 for the USARC sites Pasadena, Van Nuys, San Jose and Tucson, and September 24, 1998 for USARC Santa Ana. Subsurface soil samples were collected for chemical analyses to evaluate the presence of contamination at five USARC sites. The field investigation was conducted in accordance with the Field Investigation Work Plan (WC 1998). A total of 22 soil samples, and 8 background samples and QA/QC samples were collected from 3-5 feet below ground surface (bgs).

The soil sampling program consisted of collecting soil samples from six areas presented below:

- USARC Pasadena- vehicle wash rack
- USARC Santa Ana- grease rack
- USARC Van Nuys (AMSA 32) - vehicle wash rack
- USARC San Jose (AMSA 12) - grease rack
- USARC Tucson- grease rack and vehicle wash rack

This section describes the field investigation.

3.1 PRE-INVESTIGATION ACTIVITIES

Prior to soil sampling activities site inspections and utility surveys were conducted in the areas of concern at each USARC site. A site health and safety briefing for all field personnel was also conducted before the start of the field activities.

3.1.1 Site Inspections

Site inspections were conducted initially to familiarize field personnel with the areas of concern and visually identify any areas of potential environmental impact. During the site inspection facility managers were also consulted to determine previous activities at the areas of concern which could have contributed to environmental impact. Photographs were taken and are provided in Appendix A of this report. The following table gives a brief summary of the site inspections at the areas of concern.

Installation Name	Areas of Concern	Comment
USARC Pasadena	Vehicle Wash Rack	No stains were observed at the vehicle-wash rack area and the associated OWS.
USARC Santa Ana	Grease Rack	No stains were found on the concrete pad below the grease rack and the asphalt area in its vicinity.
USARC Van Nuys (AMSA 32)	Vehicle Wash Rack	No stains were observed at the vehicle-wash rack area and the associated OWS.
USARC San Jose (AMSA 12)	Grease Rack	Some minor stains were found in the asphalt pavement below the grease rack.
USARC Tucson	Grease Rack Vehicle Wash Rack	No stains were observed at the grease rack or vehicle-wash rack area and the associated OWS.

3.1.2 Utility Survey

Prior to the beginning of the soil sampling activities, a utility survey was conducted. The survey was performed with non-intrusive geophysical methods to locate utilities such as gas lines, electrical lines, and water or sewer lines that were in the area where intrusive activities were planned.

3.2 SOIL SAMPLING

Subsurface soil samples were collected using a direct-push (Geoprobe) drilling method rig in the areas near grease racks and vehicle wash racks to evaluate the presence of potential contamination. Two general types of sampling activities were performed:

- Collection and analysis of discrete background subsurface soil samples
- Collection and analysis of discrete subsurface soil samples

The soil samples were analyzed for:

- CAM(17) metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
- Total petroleum hydrocarbons (TPH) (total volatile petroleum hydrocarbons [TVPH] and total extractable petroleum hydrocarbons [TEPH])
- Volatile Organic Compounds (VOCs) including benzene, toluene, ethylbenzene, xylenes (BTEX)

After coring through either concrete or asphalt, the soil borings were advanced during the field investigation by Vironex of Santa Ana, CA using either a truck mounted or all-terrain mounted Geoprobe rig. The sampling device consisted of two foot long stainless steel continuous core samplers fitted with an interior stainless steel liner. Subsurface soil sampling was performed in accordance with SOP Number 1 and SOP Number 2 of the Field Investigation Work Plan.

Subsurface soil samples were collected from depths of approximately 3 to 5 feet bgs. Upon retrieval of the sampler, the stainless steel liners were extruded, capped and packaged for shipment to the laboratory. A photoionization detector (PID) was used to frequently monitor for organic vapors in the samples. PID readings were recorded on the daily report sheets. Following the completion of sampling, each soil boring was abandoned and backfilled with a cement and water mixture.

Four locations were sampled at the grease racks and the vehicle wash racks for all of the sites with the exception of USARC Tucson. Six locations were sampled at USARC Tucson, which included three locations at the grease rack and three locations at the vehicle wash rack. Subsurface samples were located adjacent to or within the grease rack and vehicle wash rack.

Two background soil samples were collected at each investigation site, except Santa Ana, in areas that did not appear to have been impacted by historical site practices, or were not located in areas of surface water runoff. No background samples were collected at the USARC Santa Ana site. Samples were collected at each location at approximately 3 to 5 feet bgs.

In accordance with the Field Investigation Work Plan, sample identification numbers for soil samples were designated using a seven digit unique identification number. Soil samples and

associated field duplicates were identified by the first digit with the designation "S". The next two digits corresponded to the site investigated (i.e., PA = USARC Pasadena). The next two digits correspond to the soil sampling location. The last two digits correspond to the sample type (i.e., SA = field sample, FD = Field Duplicate).

Sampling equipment was decontaminated in accordance with SOP Number 2. Water from decontamination activities was containerized in a 55-gallon drum as outlined in SOP Number 2 and staged at USARC Tucson hazardous waste storage area. Analytical samples were collected and analyzed for VOCs, CAM (17) metals, and TVPH/TEPH to characterize the decontamination water using the applicable water sampling procedures in SOP Number 2.

QA/QC samples collected during the field investigation included field duplicates (FD), matrix spike/matrix spike duplicate (MS/SD) and equipment rinsate blank (RB) for soil. The work plan specified that a field duplicate and MS/SD would be collected from each site and analyzed for the same parameters as the field sample. QA/QC soil samples were collected in accordance with the Work Plan. Field duplicates were collected in accordance with the procedures used for the collection of the soil samples.

Rinsate blanks were to be collected following decontamination of the equipment used to collect soil samples. No rinsate samples were collected when sampling was conducted using new liners at each of the sampling locations.

Photographs of soil sampling activities were taken and are provided in Appendix A. Documentation of the field activities was recorded on field report forms. The field forms are provided in Appendix B.

This section presents the analytical results and the associated background data for samples collected at each site. A summary of the analytical methods used and the data validation process are discussed prior to presentation of the results. The results and background data are presented by site.

4.1 LABORATORY ANALYSIS AND DATA VALIDATION

Samples collected from the USARC sites were submitted to EMAX Laboratories, Inc. in Torrance, California for analyses. The analytical methods are discussed below. All data generated received a data review independent of the analytical laboratory. The data validation process is summarized in Section 4.1.2 and detailed QC review narratives are provided in the Data Validation Report contained in Appendix C.

4.1.1 Analytical Methods and QA/QC

The analytical methods listed in Table 4-1 were used for analysis of the samples collected at each site. There were no modifications to the analytical methods specified in the Quality Assurance Plan (QAP) (WC 1998).

QAP-specified field and laboratory quality assurance/quality control (QA/QC) sample analyses were conducted at the required frequencies. The field QA/QC samples included field duplicates. The laboratory QA/QC analyses for which results were reported and evaluated include method blanks and laboratory control samples for all analyses, matrix spike/matrix spike duplicates for organic analyses, matrix spikes and laboratory duplicates for inorganic analyses, and utilization of surrogate spikes for organic analyses. Additional QA/QC analyses such as routine initial and continuing calibration analyses, tuning, use of internal standards, interelement corrections, and analysis of interference check samples were also conducted by the laboratory as required by the various methods.

4.1.2 Data Validation

The analytical data were generated and reviewed in accordance with the protocols specified in the QAP. The data validation effort was performed to evaluate the usability of the sample data for meeting the project objectives.

The data validation consisted of evaluating the results for the following quality control (QC) parameters as applicable to the method: case narrative comments, holding times, blank contamination, laboratory control sample results, matrix spike sample analysis, duplicate sample analysis, matrix spike/matrix spike duplicate sample analysis, serial dilution results, field duplicate result agreement, and completeness of the data package. Data qualifiers were issued to indicate any limitations on the data usability. Data qualification was issued using guidance from the U.S. Environmental Protection Agency (EPA) Contract Laboratory Program (CLP) National Functional Guidelines for Inorganic/Organic Data Review (February 1994a and 1994b). Following the evaluation of each data package for the parameters listed above, an overall assessment with respect to the quantitative (sensitivity [i.e., reporting limits]), accuracy, precision, and completeness) and qualitative (representativeness and comparability) data quality assurance parameters was formulated.

Each data validation narrative includes an overall assessment for the data in the laboratory package(s) associated with a particular site as well as a discussion of any QA/QC results outside of evaluation criteria, an explanation of all data qualification assigned and any professional judgment used by the reviewer. The data validation process did not include result recalculation or transcription error checking from the raw data.

4.1.3 Data Quality and Usability

The analytical data are considered to be usable for the project as qualified during the data validation process. The detailed Data Validation Reports and the laboratory analytical data are presented in Appendix C.

4.2 SITE SPECIFIC RESULTS

The analytical results for soil samples collected at each site are provided in Tables 4-2 through 4-13 and summarized in the following sections by site. The results are compared to the results for the background soil samples and to the EPA Region 9 Residential Soil Preliminary Remediation Goals (PRGs) (EPA 1998) in Tables 4-14 through 4-16.

EPA Region 9 has developed PRGs that have been used as a qualitative tool to screen contamination levels at sites. Based on potential future use as a residential setting the PRGs used for this evaluation are based on risk values for residential settings.

The PRG concentrations can be used to screen contaminants in environmental media, trigger further investigation, or provide an initial cleanup goal, if applicable.

In addition to PRGs, background contaminant concentrations are considered in the evaluation. According to the May 1998 document containing the Region 9 PRGs, "Generally EPA does not clean up below natural background. If natural background concentrations are higher than PRGs, the generic PRGs may not be the best tool for site decision making or an adjustment of the PRG may be needed. For example, naturally occurring arsenic frequently is higher than the soil PRG set equal to a one-in-one million cancer risk (the point of departure); thus an alternative PRG of 22 milligram per kilogram (mg/kg) for arsenic is sometimes provided based on non-cancer endpoints. The alternative PRG of 22 mg/kg for arsenic is still protective of cancer risks as well (EPA 1998).

Data with a "J" qualifier indicates that the associated value or reporting limit was qualified as estimated during data validation on the basis of minor QC problems.

4.2.1 USARC Pasadena (CA038)

Four soil samples (SPA02SA, SPA04SA, SPA05SA, SPA08SA) were collected from each side of the vehicle wash rack. One soil sample was collected at each location from approximately 3 to 5 feet bgs. Two background samples (SPA01BG, SPA07BG) were collected from a depth of 3 to 5 feet bgs. The soil sample locations and background locations are shown on Figure 4-1.

The samples were analyzed for TVPH, TEPH, and VOCs, and metals. Table 4-2 presents the analytical results. Table 4-3 presents the results for analytes reported as detected in the soil samples. TVPH, TEPH, and VOCs were not detected in any of the soil samples. Nine metals

were detected. The metals concentrations in the soil samples were below background concentrations and below the EPA Region 9 Residential Soil PRGs.

4.2.2 USARC Santa Ana (CA071)

Four soil samples (SSA01SA, SSA02SA, SSA03SA, SSA05SA) were collected at the grease rack. One soil sample was collected at each location from approximately 3 to 5 feet bgs. The soil sample locations are shown on Figure 4-2.

The samples were analyzed for TVPH, TEPH, and VOCs, and metals. Table 4-4 presents the analytical results. Table 4-5 presents the results for analytes reported as detected in the soil samples. TVPH and TEPH were detected in soil boring SSA05SA at concentrations estimated at 5.4J mg/kg and 1.05J mg/kg respectively. Methylene chloride, a common laboratory contaminant, was detected in all of the soil samples ranging in estimated concentrations from 3.01J to 3.56J mg/kg. The estimated methylene chloride concentrations were below the EPA Region 9 Residential Soil PRGs. Six metals were detected. The concentrations of all of the metals detected in the soil samples were below the EPA Region 9 Residential Soil PRGs.

4.2.3 USARC Van Nuys - AMSA 32 (CA093)

Four soil samples (SVN01SA, SVN03SA, SVN05SA, SVN06SA) were collected from each side of the vehicle wash rack. One soil sample was collected at each location from approximately 3 to 5 feet bgs. Two background samples (SVN07BG, SVN08BG) were also collected from a depth of 3 to 5 feet bgs. The soil sample locations and background locations are shown on Figure 4-3.

The samples were analyzed for TVPH, TEPH, and VOCs, and metals. Table 4-6 presents the analytical results. Table 4-7 presents the results for analytes reported as detected in the soil samples. TVPH and TEPH were not detected in any of the soil samples. Methylene chloride, a common laboratory contaminant, was detected in one of the QA/QC soil sample SVN02MS. It was detected at an estimated concentration of 2.11J mg/kg which is below the EPA Region 9 Residential Soil PRGs.

Nine metals were detected. The metals concentrations in the soil samples fell within the range of concentrations found in the background soil samples except for the following: Barium was detected at concentrations slightly above background in two samples; chromium was detected at a concentration slightly above background in one sample; copper was detected at concentrations slightly above background in two samples; lead was detected in two samples at concentrations above background; nickel was detected at concentrations slightly above background in one sample; vanadium was detected at a concentration above background in one sample; and zinc was detected at a concentration slightly above background in one sample. The detected metals concentrations in all of the samples were below the EPA Region 9 Residential Soil PRGs.

4.2.4 USARC San Jose - AMSA 12 (CA116)

Four soil samples (SSJ01SA, SSJ02SA, SSJ03SA, SSJ04SA) were collected at the grease rack. One soil sample was collected at each location from approximately 3 to 5 feet bgs. Two

background samples (SPA01BG, SPA07BG) were also collected from a depth of 3 to 5 feet bgs. The soil sample locations and background locations are shown on Figure 4-4.

The samples were analyzed for TVPH, TEPH, and VOCs, and metals. Table 4-8 presents the analytical results. Table 4-9 presents the results for analytes reported as detected in the soil samples. TVPH and TEPH were not detected in any of the soil samples. M,P-Xylene was detected in two soil samples at estimated concentrations ranging from 2.33J to 3.33J mg/kg. Tetrachloroethene (PCE) was detected at an estimated concentration of 3.24J mg/kg in one soil sample. Both detected VOCs were below their respective EPA Region 9 Residential Soil PRGs.

Twelve metals were detected. The metals concentrations in the soil samples fell within the range of concentrations in background soil samples, except for the following: Barium was detected at a concentration slightly above background in one sample; chromium was detected at concentrations slightly above background in four samples; cobalt was detected at concentrations above background in three samples; copper was detected at a concentration slightly above background in one sample; mercury was detected at a concentration slightly above background in one sample; nickel was detected at concentrations slightly above background in four samples; and vanadium was detected at concentrations above background in three samples.

Arsenic was detected in one of the background samples at a concentration of 15.1 mg/kg which is above the EPA Region 9 Residential Soil PRG of 0.38 mg/kg. However the concentration is below the alternative PRG of 22 mg/kg. The concentration is probably representative of naturally occurring arsenic.

Lead was detected in one of the background samples at a concentration of 163 mg/kg which is below the EPA Region 9 Residential Soil PRG of 400 mg/kg. The background sample location is near an off-site parking lot. The lead concentration may be due to leaded gasoline from vehicle traffic.

Thallium was not detected in the background samples but was detected in three soil samples. The estimated concentrations ranged from 72.7J to 81.8J mg/kg. These concentrations are above the EPA Region 9 Residential Soil PRG of 5.2 mg/kg for thallic oxide. There is no PRG for thallium. However the concentrations are below the EPA Region 9 Industrial Soil PRG for thallic oxide of 130 mg/kg.

With the exception of the arsenic detected in the one background sample and thallium detected in the three soil samples near the grease rack, all other metal detections were below the EPA Region 9 Residential Soil PRGs.

4.2.5 USARC Tucson (AZ016)

Six soil samples were collected at USARC Tucson. The samples were collected to investigate potential soil contamination at the vehicle wash rack and the grease rack. Soil sample ST202SA was collected at a location between the vehicle wash rack and the grease rack. Soil samples ST101SA, ST102SA, and ST103SA were collected on the west side of the grease rack. Soil samples ST201SA and ST203SA were collected at the vehicle wash rack. One soil sample was collected at each location from approximately 3 to 5 feet bgs. Two background samples (ST001BG, ST002BG) were also collected from a depth of 3 to 5 feet bgs. The soil sample locations and background locations are shown on Figure 4-5.

The samples were analyzed for TVPH, TEPH, and VOCs, and metals. Table 4-10 presents the analytical results for the samples associated with the grease rack. Table 4-11 presents the results for analytes reported as detected in the soil samples associated with the grease rack. Table 4-12 presents the analytical results for the samples associated with the vehicle wash rack. Table 4-13 presents the results for analytes reported as detected in the soil samples associated with the vehicle wash rack. TVPH was not detected in any of the samples.

TEPH was detected in one soil boring associated with the grease rack at an estimated concentration of 1490J mg/kg. TEPH was also detected in one soil boring associated with the vehicle wash rack at an estimated concentration of 573J mg/kg. TEPH and bromoform were also detected in a sample (ST002RB) of the decontamination water at an estimated concentration of 0.33J mg/kg and 1.23J mg/kg respectively.

Eight metals were detected in the soil borings. The metals concentrations in the soil samples were either below the background samples or fell with the range of metals concentrations detected in the two background soil samples with the following exceptions: Barium was detected at a concentration slightly above background in one sample associated with the grease rack; chromium was detected at concentrations slightly above background in three samples associated with the vehicle wash rack; cobalt was detected at a concentrations slightly above background in one sample associated with the grease rack, and three samples associated with the vehicle wash rack; copper was detected slightly above background in two samples associated with the vehicle wash rack; lead was not detected in the background samples, but was detected in one sample associated with the grease rack, and three samples associated with the vehicle wash rack; nickel was detected slightly above background in one sample associated with the grease rack, and two samples associated with the vehicle wash rack; vanadium was detected at a concentration above background in one sample associated with the grease rack; and zinc was detected at a concentration slightly above background in one sample associated with the grease rack, and two samples associated with the vehicle wash rack. The detected metals concentrations in all of the samples were below the EPA Region 9 Residential Soil PRGs.

Subsurface soil samples were collected at five USARC sites. The samples and associated QA/QC samples were collected from the grease racks and vehicle wash racks at each site. Two background soil samples were also collected at each site with the exception of USARC Santa Ana.

Metals were detected at all of the sites at concentrations near the background concentrations, and with the exception of arsenic and thallium all the detections were below the EPA Region 9 residential soil PRGs. Arsenic was detected at a concentration of 15.1 mg/kg in one background soil sample at USARC San Jose. Although the concentration was above the EPA Region 9 residential soil PRG of 0.38 mg/kg it is below the alternative PRG of 22 mg/kg which is based on non-cancer endpoints but is still protective of cancer risks.

Thallium was detected at concentrations exceeding the EPA Residential Soil PRG for thallic oxide at USARC San Jose in three soil borings. The EPA has not established a PRG for elemental thallium. The detected thallium concentrations which ranged from 72.7 to 81.8 mg/kg are, however, below the Industrial PRG of 130 mg/kg for thallic oxide.

TEPH was detected at USARC Santa Ana in one soil sample and at USARC Tucson in two soil samples. The TEPH concentration at San Jose was estimated at 5.4J mg/kg. At USARC Tucson the TEPH concentrations were 573J and 1490J mg/kg respectively.

TVPH was detected at USARC Santa Ana in one soil sample. The concentration was estimated at 1.05 mg/kg.

VOCs were detected at USARC Santa Ana and USARC San Jose. The detected VOCs include methylene chloride, a common laboratory contaminant, at USARC Santa Ana in four soil samples, and M,P-Xylene in two soil samples, and PCE in one soil sample at USARC San Jose. The concentrations for all of the detected VOCs were estimated values, and below their respective EPA Region 9 Residential Soil PRGs.

Based on the results of the field investigation, no additional soil sampling is recommended at the five USARC sites.

Although additional soil sampling may not be necessary, information regarding historical use and past practices, site geology, and depth to groundwater may be used to further evaluate the presence of potential contamination.

California Code of Regulations. Title 22, Division 4.5, Chapter 11, Section 66261.24.

Code of Federal Regulations. Title 40, Part 140.

EPA. 1998. Region 9 Preliminary Remediation Goals. May.

Woodward-Clyde. 1998. Work Plan, Field Investigation, U.S. Army Reserve Centers (USARC), 63D Regional Support Command, September.

Appendix A
Site Photographs

Appendix B
Daily Reports For Field Activities

Appendix C
Data Validation Reports, Laboratory Analytical Results, And Chain Of Custody Forms

INVENTORY AND EVALUATION OF U.S. ARMY RESERVE FACILITIES 63D REGIONAL SUPPORT COMMAND CALIFORNIA

Prepared for:
U.S. Army Reserve
63D Regional Support Command

Prepared by:
Sacramento District
U.S. Army Corps of Engineers

September 1999

ENCLOSURE 2

Identified Sites and National Register Status: The Heroic War Dead of Oakland, and AMSA 11/85 were constructed in 1965 (63D Regional Support Commands real property list). In 1994, the Historic Preservation Plan examined the Installation in its entirety because of a proposed I-880 reconstruction project. According to the report, installations that are World War II (1939-1946) Temporary Buildings are considered to be historical districts based on the fact that they are associated with events that have made a significant contribution to the broad pattern of our history. The Heroic War Dead of Oakland and AMSA 11/85 were not built until after WWII. Since the property is less than 50 years old and is not of exceptional importance, it does not appear to meet National Register eligibility criteria.

Sacramento District staff visited the site on 3 July 1997. The Heroic War Dead and AMSA 11/85 compromise 16.74 acres along the north border of the Oakland Army Base immediately south of interstate 80, while Oakland USARC #2 is located in building 780 south of the Oakland Army Base warehouse district. All sites are highly developed and supported buildings, paved parking areas, cultivated planters, maintained lawn, and limited areas of dirt. No archeological resources were identified during the survey.

Conclusion: This facility does not appear to be eligible for the National Register.

19. Pasadena (Desiderio Hall USARC)

Previous Studies: There have not been any cultural resources studies conducted for this area based on the records check conducted on 20 August 1997 at the South Central Coastal Information Center, Los Angeles, California.

Identified Sites and National Register Status: Desiderio Hall was built in 1956 (63D Regional Support Command Real Property list). The National Park service requires properties to be at least fifty years of age to be considered a "historic property", unless the properties are of exceptional importance. Consequently, Desiderio Hall does not meet the NPS's criteria.

Sacramento District staff visited the site on 15 July 1997. The 5.0-acre site supports several buildings, extensive areas of pavement, maintained lawn, and a small area of disturbed oak grassland. No archeological resources were identified during the survey.

Conclusion: This facility does not appear to be eligible for the National Register.

20. Sacramento (Warren T. Hannum USARC, AMSA 98)

Previous Studies: PAR Environmental Services, Inc. 1995. *Historical Property Survey of the Sacramento Army Depot Redevelopment Plan EIR, Sacramento County.* Prepared for Gail Erwin Consulting.

REPORT OF ASBESTOS CONTAINING MATERIALS
SURVEY AND MANAGEMENT PLAN
DESIDERIO US ARMY RESERVE CENTER
MAIN USAR BUILDING, OMS BUILDING & STORAGE BUILDING
PASADENA, CALIFORNIA

Survey also includes a limited PCB Label Inspection of transformers

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22 January 2001

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1.0 EXECUTIVE SUMMARY

INTRODUCTION

ITI of South Florida, Inc. (ITI) has completed a survey for asbestos-containing materials (ACM) and PCB Transformer Labels located at the Pasadena US Army Reserve Center, Pasadena, California for Desiderio Hall (Administration Building), Operations and Maintenance Shop (OMS) and the Storage Building (Building 217).

The scope of this work included the review of available records and an on-site investigative survey of facilities including bulk sample collection and analysis of suspect asbestos containing materials. Destructive survey techniques were not used. Accessible suspect asbestos containing building materials, including thermal system insulation and roofing materials, were evaluated. Representative material samples, including core samples, were collected from each homogeneous area of suspect ACM.

WARRANTY

The field and laboratory results reported herein (only if bulk samples are collected) are considered sufficient in detail and scope to determine the presence of accessible and/or exposed suspect asbestos containing building materials in the facility. ITI warrants that the finings contained herein have been prepared in general accordance with accepted professional practices at the time of its preparation as applied by similar professionals in the community. Changes in the state of the art or in applicable regulations cannot be anticipated and have not been addressed into this report.

The survey and analytical methods have been used to provide the client with information regarding the presence of accessible and/or exposed suspect asbestos containing building materials existing in the facility at the time of the inspection. Test results are valid only for material tested. There is a distinct possibility that conditions may exist which could not be identified within the scope of the study or which were not apparent during the site visit. This inspection covered only suspect accessible materials with no destructive survey techniques. The study is also limited to the information available from the client at the time it was conducted.

2.0 BACKGROUND INFORMATION

Based on the review of a previous asbestos survey prepared in January 1990 by Strata Technologies, Inc. (STI) and March 1996 by Harding Lawson Associates (HLA) and ITI's survey of buildings, ITI has concluded that the following materials contain asbestos:

Desiderio Hall (Administration Building)

- Roofing Penetration mastic
- Exterior stucco

Operations and Maintenance Shop (OMS)

- Exterior Stucco
- Roofing Materials

Storage Building (Building 217)

- 12 by 12 inch tan mottled floor tile
- Roofing Materials

In addition to the previous surveys, a total of 7 bulk samples of suspect ACM were collected by ITI from various locations throughout the facility. None of the samples were found to be positive when analyzed by Polarized Light Microscopy (PLM) analysis protocol recommended by the U.S. Environmental Protection Agency (EPA) (40 CFR 763).

ITI performed the scope of this work under the direction of Gil Bakshi, Certified Asbestos Consultant. Every reasonable effort was made to access all pertinent data required to identify ACBM within the facility.

The following areas were not tested for asbestos; however, are assumed to contain asbestos:

- Roofing Materials in the OMS Shop and Building 217

In addition to the list above, any items that are not listed in this survey that may be disturbed during renovation or demolition activities must be assumed positive or tested.

3.0 DESCRIPTION OF FACILITIES

The Pasadena USARC is located at 655 Westminster Drive, Pasadena, California. The three buildings within the facility that were included in this asbestos survey are the Administration Building (Desiderio Hall), the Operations and Maintenance Shop (OMS) Building, and Building 217. The buildings are used primarily for administrative and light vehicle maintenance purposes.

Desiderio Hall is a two story concrete and concrete block structure with a stucco exterior. The roof is built-up asphalt and gravel composition. It contains approximately 22,152 square feet of floor space. The building is utilized primarily for administrative purposes.

The OMS Building is a single story concrete wall structure with a stucco exterior and a built-up asphalt and gravel composition roof. The building is utilized for vehicle storage purposes. There is approximately 3,798 square feet of floor space in the building.

Building 217 is a single story equipment storage building with galvanized steel walls and roof. There is approximately 2,226 square feet of floor space within this building.

4.0 PREVIOUS INSPECTIONS

The 63D RSC provided ITI with two previous surveys performed by STI in January 1990 and HLA in March 1996. ITI reviewed the survey reports prior to visiting the site and referenced it to confirm findings of the initial visual surveys performed by ITI. These surveys are presented in Appendix I.

5.0 SAMPLING AND ANALYTICAL PROCEDURES

During this survey, ITI accredited inspector, Mr. Gil Bakshi performed a walk-through of the subject building. This was performed in order to identify and delineate locations of homogeneous materials suspected of containing asbestos. A homogeneous material is defined as material that presents similar distinguishing features such as contents. Once homogeneous materials were identified, bulk samples were collected by ITI accredited inspector from materials in order to confirm the presence or absence of asbestos in suspect materials. Samples were collected in accordance with U.S. Environmental Protection Agency (EPA) and Occupational Safety and Health Administration (OSHA).

BULK SAMPLES

The sample numbering scheme was as follows:

PAS-MAIN-01

PAS	=	Facility
MAIN	=	Building
01	=	Sample number

During the Inspection, sampling locations were recorded on floor plans.

Bulk samples were sent to LA Labs, Inc. for laboratory analysis. This independent laboratory successfully participates in the National Voluntary Laboratory Accreditation Program (NVLAP) for bulk asbestos sample analysis. The samples were analyzed using Polarized Light Microscopy (PLM) analysis methodology coupled with dispersion staining solutions to distinguish the unique optical properties of mineral forms.

Employing this method of analysis allows asbestos fiber characteristics to colonize, which enables the microscopist to verify the presence or absence, quantity and type of asbestos in the samples. Any product that contains more than one percent asbestos is considered to be ACM by EPA & OSHA. Any product that contains one tenth of one percent is considered Asbestos Containing Construction Materials (ACCM) by Title 8, Section 1529 of the California Code of Regulations (CCR). ITI performed QA/QC sampling for the total collected bulk samples (minimum of 10%). The PLM results are provided in Appendix A to this report.

6.0 ASSESSMENT METHODOLOGY

All Asbestos Containing Building Materials (ACBM) were classified into the following three types of suspect materials:

1. Surfacing Materials

2. Thermal System Insulation (TSI)

3. Miscellaneous Materials

ACM identified during the building survey was assessed according to the protocol described in 40 CR 763. The protocol evaluates the risk of exposure to airborne asbestos fibers by assessing the condition of each ACM and potential for that ACM to be disturbed and generate fibers. ACM was assessed according to each of the following factors:

(1) Damaged or significantly damaged thermal system insulation ACM.

(2) Damaged friable surfacing ACM.

(3) Significantly damaged friable surfacing ACM.

(4) Damaged or significantly damaged friable miscellaneous ACM.

(5) ACBM with potential for damage.

(6) ACBM with potential for significant damage.

(7) Any remaining friable ACBM or friable suspected ACBM.

ASSESSING CONDITION AND FRIABILITY

The ability of an ACM to be crushed, or reduced to powder by hand pressure is described in 40 CFR Part 61, Subpart M (NATIONAL EMISSIONS FOR HAZARD AIR POLLUTANTS):

- Friable (F): ACM that can be crumbled, crushed, or reduced to powder by hand pressure.
- Nonfriable Category 1(NF1): Asbestos containing packing, gaskets, resilient floor coverings, asphalt roofing products, caulks, and mastics. These bituminous materials are assumed to remain nonfriable if demolition is performed using "normal" methods, but will become friable if severely weathered, sanded, or abraded.
- Nonfriable Category 2 (NF2): ACM excluding Category 1 nonfriable ACM, that, when dry and in its present form, cannot be crumbled, pulverized or reduced to powder by hand pressure; however, these materials may become friable during demolition activities. These products include Transite board and asbestos cement products.

The condition of ACM including severity and extent of damage is classified into one of the following categories:

- Significantly Damaged: ACM that is crumbled, blistered, gouged, marred, delaminated, or otherwise damaged either uniformly or locally over a substantial portion of its surface area.
- Damaged: ACM that is crumbled, blistered, gouged, marred, delaminated, or otherwise damaged either uniformly or locally overall a small portion of its surface area.
- Good: ACM with very little or no damage.
- Potential for Disturbance: The potential for disturbance of each ACM was evaluated with respect to the types and frequency of occupancy, whether the ACM was accessible to area occupants, including vibration and air erosion.

See Appendix B for details and description of Potential for Disturbance Factors.

HAZARD RANKING ASSESSMENT METHODOLOGY

This hazard assessment combines the level of potential disturbance with the current condition of the ACM to indicate overall hazard potential. After the current conditions from the inspection report are determined, the ACBM will be classified as "significantly damaged", "damaged" or "good" (40 CFR 763). The rankings of potential hazard range from 1 – most hazardous , to 7 – least hazardous. The highest rank is reserved for ACBM which is "significantly damaged".

See Appendix C for details and Classification Scheme Flowchart.

See Appendix D for details on Response Action Schemes based on Hazard Rankings.

7.0 RESPONSE ACTIONS

ITI's Response Actions (RA) and abatement priority for each ACM were based on the results of the assessment. Prioritization also has seven classifications: Priority (1) indicated that an ACM represents an immediate hazard and should be isolated and removed as soon as possible. Priority (7) indicated that an ACM represents little risk of exposure and should be managed in place. RA's include one or more of the following:

- Operations and Maintenance (O & M) Program: Managing all ACM in accordance with a properly designed and implemented O & M Program. An O & M Program has three components:

    1. Identification, training, and notification requirements designed to prevent inadvertent disturbance of ACM.
    2. Periodic surveillance of ACM to monitor its condition and modify the response actions or the program, as necessary.
    3. Procedures to repair damaged ACM, clean up debris, and respond to fiber releases in the event that ACM is damaged or dislodged.

- Repair: Returning all damaged ACM to an undamaged or intact state through limited replacement and patching.
- Encapsulation: Treating ACM with a liquid that, after proper application, surrounds or embeds asbestos fibers in an adhesive matrix designed to prevent fiber release.
- Enclosure: Installing airtight barriers surrounds the ACM to prevent further damage and exposure to occupants.
- Removal: Stripping ACM from its substrate within regulated area using trained abatement workers; properly containerizing and disposal of the waste in a landfill.

8.0 ASBESTOS CONTAINING MATERIALS

Desiderio Hall / OMS Building

- Exterior Stucco
  According to the HLA report, this material contains a trace of Chrysotile asbestos. The material is nonfriable and was in good condition at the time of the survey. Approximately 22,000 square feet of this material is present on the exterior building walls of Desiderio Hall and the OMS Building. ITI has assigned this material a hazard ranking of 6 and an RA of 6.

- Roofing penetration mastic
  According to the HLA report, this material contains 5 to 10 percent Chrysotile asbestos. Approximately 200 square feet of this material is located on the roof of Desiderio Hall and is both black and gray in color. The material is nonfriable and was in good condition at the time of the survey. ITI has assigned this material a hazard ranking of 7 and an RA of 7.

Building 217

- 12 by 12 inch tan mottled floor tile
  According to the HLA report, this material was found to contain 1 to 5 percent Chrysotile asbestos. Approximately 370 square feet of this material is located in the office areas of Building 217. The material is nonfriable and was in good condition at the time of the survey. ITI has assigned this material a hazard ranking of 6 and an RA of 6.

9.0 SUSPECT ASBESTOS CONTAINING MATERIAL

OMS Building / Building 217

- Roofing Materials
  The roof areas were not accessible at the time of the survey. Suspect ACM may be present on the roof area in the form of Transite asbestos cement flue pipe, roofing felt, and roofing mastic.

10.0 NON ASBESTOS CONTAINING MATERIAL

Desiderio Hall

Asbestos was not detected in samples of the following materials collected by IT and HLA:

- Built-up asphalt and gravel composition roofing material
- Bathroom stall partitions

Asbestos was not detected in samples of the following materials collected by ITI:

- 12 x 12 inch gray speckled floor tile and mastic
- Gray baseboard and associated mastic

Building 217

Asbestos was not detected in samples of the following materials collected by ITI:

- Drywall and Joint Compound

11.0 PREVIOUS ABATEMENT RECORDS

There was a previous abatement conducted which is discussed in the HLA report. No other records were available.

12.0 BULK SAMPLE ANALYSIS SUMMARY

Sample Number	Location	Asbestos Content
PAS-MAIN-01	Gray Speckled 12 x 12 inch floor tile and mastic	None
PAS-MAIN-02	Gray Speckled 12 x 12 inch floor tile and mastic	None
PAS-MAIN-03	Gray Speckled 12 x 12 inch floor tile and mastic	None
PAS-MAIN-04	Gray baseboard and mastic	None
PAS-217-01	Drywall and Joint Compound	None
PAS-217-02	Drywall and Joint Compound	None
PAS-217-03	Drywall and Joint Compound	None
PAS-217-01	QA	None

13.0 PCB

There were no transformers located within the property. There were two pole mounted transformers outside the perimeter fence. No PCB markings were identified on these pole mounted transformers.

- Pole #4
- Transformer #60

14.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the findings above, ITI recommends the following:

- Observations for detected asbestos was based on visible and accessible materials; therefore, asbestos containing materials may be present in inaccessible areas such as ceiling plenums, crawl spaces, attics, etc.
- An imminent asbestos hazard was not present at the facility during the site visit.
- This report is not intended to be an asbestos abatement design document and should not be used for the purpose of obtaining quotes.

Based on the asbestos present in the building, ITI recommends the following:

- Develop and implement an O & M Plan for all known and suspect ACM
  There are three primary objectives of the O & M program: (1) clean up existing contamination (2) minimize further fiber release by controlling access to ACM, and (3) maintain ACM until it is eventually removed. Properly prepared and

implemented, this plan will document the building owner's prudence in dealing with asbestos in the building.

- Elements of the O & M Program
  - Notification and Labeling
  - A visual record of the type and location of known or assumed ACM within the building
  - Training
  - Employee protection and medical surveillance programs
  - Specialized cleaning procedures
  - Maintenance / Renovation work permit system
  - Special work practices for maintenance activities
  - Special work practices for renovation
  - Emergency response products
  - Periodic ACM surveillance: and
  - Record keeping

- General awareness training must be presented to maintenance and custodial workers whose work responsibilities may require contact with ACM or suspect ACM.

Training and periodic surveillance*:* Training shall include, but not be limited to:

(i) Information regarding asbestos and its various uses and forms.
(ii) Information on the health effects associated with asbestos exposure.
(iii) Locations of ACBM identified throughout each building
(iv) Recognition of damage, deterioration, and delaminating of ACBM.
(v) Descriptions of the proper methods of handling ACBM.
(vi) Information on the use of respiratory protection as contained in the EPA/NIOSH Guide to Respiratory Protection for the Asbestos Abatement Industry, September 1986 (EPA 560/OPPTS-86-001), available from the Director, Environmental Assistance Division (7408), Office of Pollution Prevention and Toxics, U.S. Environmental Protection Agency, Room E-543B, 401 M St., SW., Washington, DC, 20460.
(vii) Provisions of this section and Sec. 763.91, Appendices A, B, C, D of this subpart E of this part, EPA regulations contained in 40 CFR part 763, subpart G, and in 40 CFR part 61, subpart M, and OSHA regulations contained in 29 CFR 1926.1101.
(viii) Hands-on training in the use of respiratory protection, other personal protection measures, and good work practices.

Periodic surveillance: At least once every 6 months after a management plan is in effect, the Owner should conduct periodic surveillance in each building that contains ACBM or is assumed to contain ACBM.

Each person performing periodic surveillance shall: Visually inspect all areas that are identified in the management plan as ACBM or assumed ACBM and record the date of the surveillance, his or her name, and any changes in the condition of the materials.

- Training Requirements of the DOSH Asbestos Standard.

  The DOSH asbestos standard (8 CCR § 1529) includes training requirements that are triggered by exposures exceeding the Permissible Exposure Limit (PEL). Unless employees receive an appropriate level of training, those employees who work in buildings that contain ACM run the risk of disturbing the materials.

  Pursuant to 29 CFR 1926.1101, employers must provide "Class IV" training to all employees who engage in activities during which they may contact known or suspect ACM or who engage in activities to clean up ACM debris. DOSH defines Asbestos Containing Construction Material as containing greater than 0.1 percent asbestos. These employees include custodial or maintenance employees employed by or contracted on behalf of the USARC.

- Conduct periodic surveillance of all areas that contain known or suspect ACM.

  Periodic review of the O & M program is essential to insure that the program objectives are being met. A key feature of the review is re-inspection of all ACM in the building. Combined with ongoing report of changes in the condition of the ACM made by service workers, the re-inspection will insure that any damage or deterioration of the ACM will be detected and corrective action taken. Re-inspection should be conducted at least annually; more frequently if necessary. AHERA required surveillance every six months and re-inspection every three years by an accredited Building Inspector.

- Health and Safety Code §25915 et seq.

  Also known as the Connelly Bill, these sections of the California Health and Safety Code require that all employees, outside contractors, and co-owners, including building occupants, be notified in writing regarding:

  - Existence, location, accessibility, conclusions, and contents of asbestos survey reports and the asbestos management plans.
  - Specific locations of ACM.
  - General procedures and handling restrictions to prevent or minimize disturbance, release, or exposure.
  - Bulk and air sampling results, including the sampling and analytical procedures used.

- Potential health risks or impacts that might result from exposure.

All occupants, employees, and owners must receive the above notification within 15 days following receipt of a survey report by the owner and annually thereafter. New occupants, employees, and owners must receive the above notification within 15 days from the start of the relationship. All contractors should be notified regarding ACM onsite.

- Health and Safety Code §25249

The Safe Drinking Water and Toxic Substances Enforcement Act of 1986 (Proposition 65) applies to businesses of 10 or more employees and requires a warning of the risk of exposure to asbestos in buildings unless that exposure can be shown to be below the "no significant risk" (NSR) level or equal to background levels.

A clear and reasonable "environmental exposure" warning sign must also be posted at least in each area where damaged ACM is present.

Signs typically read:

> "WARNING: This area contains a chemical known to the State of California to cause cancer" OR "WARNING: This facility contains asbestos, a substance known to the State of California to cause cancer".

- Title 29 CFR 1926.1101 (OSHA)

The Occupational Safety and Health Administration requires notification prior to and immediately following the performance of any work covered by the standard.

The building operator must notify in writing the following persons who will occupy or perform work in areas containing known or suspected ACM of the presence, location, and quantity of known and suspected ACM:

- Prospective employers applying or bidding for work in or adjacent to areas containing known or suspected ACM
- Employees of the owner who will work in or adjacent to areas containing known or suspected ACM
- On multi employer worksites, all employees who will perform work in or adjacent to areas containing known or suspected ACM
- Tenants who will occupy areas containing known or suspected ACM

Refer to 29 CFR 1926.1101 and 8 CCR § 1529 for complete owner notification requirements.

If building demolition or renovation activities will disturb ACM, such activities must be preceded by removal of the affected ACM as required by Federal, State and Local Regulations.

- ACM removal must be performed by a licensed and registered asbestos abatement contractor, in accordance with 8 CCR § 1529.

- Friable asbestos waste and debris containing greater than 1 percent asbestos must be transported by a qualified hazardous waste hauler and disposed of in manner consistent with applicable regulations at a landfill with operating permits and waste discharge requirements that allow it to accept asbestos containing waste.

- If ACM removal is performed, an asbestos abatement project design should be prepared. This project design may consist of technical specifications and drawing or a detailed work plan. The asbestos abatement project design must be prepared by a project designer accredited pursuant to AHERA.

- Asbestos abatement project design, management and monitoring should be conducted by a DOSH Certified Asbestos Consultant (CAC) and / or certified site surveillance technician (CSST).

Important Values / Definitions from Title 8 CCR § 1529, US EPA & OSHA

Asbestos Containing Material

"Asbestos-containing material (ACM)", means any material containing more than one percent asbestos.

Asbestos Containing Construction Material

"Asbestos-containing construction material" means any manufactured construction material which contains more than one tenth of 1 percent asbestos by weight.

"Asbestos-related work" means any activity which by disturbing asbestos-containing construction materials may release asbestos fibers into the air and which is not related to its manufacture, the mining or excavation of asbestos-bearing ore or materials, or the installation or repair of automotive materials containing asbestos. Asbestos-related work does not include the installation, repair, maintenance, or nondestructive removal of asbestos cement pipe used outside of buildings if the work operations do not result in employee exposures to asbestos in excess of 0.1 fibers per cubic centimeter of air (f/cc) as an 8-hour time-weighted average and the employees and supervisors involved in the work operations are trained and certified by an asbestos cement pipe training program which is approved by the Division.

Permissible Exposure Limits (PELS)

(1) Time-weighted average limit (TWA). The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 0.1 fiber per cubic centimeter of air as an eight (8) hour time-weighted average (TWA).

(2) Excursion limit. The employer shall ensure that no employee is exposed to an airborne concentration of asbestos in excess of 1.0 fiber per cubic centimeter of air (1 f/cc) as averaged over a sampling period of thirty (30) minutes.

Notification

The following is a summary of the major asbestos notification and information requirements in 8 CCR 1529, 5203, 341.6-341.14 and the California Health & Safety Code. See the codes for the complete requirements. Note: Employers also have additional informational duties towards their employees under 8 CCR 1529, 1509 or 3203 (the Injury and Illness Prevention Program requirements for construction and general industry), 3204 (Access to Employee Exposure and Medical Records), as well as other Title 8 regulations.

Employers performing work subject to 8 CCR § 1529:

- If less than 100 sq. ft. of asbestos-containing construction materials and therefore not subject to the asbestos registration rules, file a Report of Use with the Chief of DOSH (Cal/OSHA)
- Determine the location and quantity of asbestos-containing material (ACM) and/or presumed ACM (PACM) based on the criteria in 1529(k)(1); {ref. 1529(k)(3)(A)}
- If at a temporary worksite, notify the nearest Cal/OSHA District Enforcement Office 24 hours prior to work (ref. 1529(r) & 5203)
- Any incident resulting in an employee exposure in excess of the PEL and/or excursion limit by reporting in writing to the Chief of DOSH within 15 days. (ref. 1529(r) & 5203)
- Through meetings or other methods, inform employees, building owner and other employers on site, prior to work, about the location and quantity of ACM and/or PACM, the nature of their work, requirements pertaining to regulated areas, as well as the means to prevent asbestos air contamination; and {ref. 1529(d)(1) & (k)(3)(B)}
- Post a warning sign outside the regulated area that is understandable to employees working in and contiguous to the area {ref. 1529(e)(2) and (k)(7)}
- As soon as possible, notify affected employees regarding the results of personal air monitoring {ref. 1529(f)(5)}

- Within 10 days of completing the work, regarding the location and quantity of remaining asbestos, as well as any final monitoring results {ref. 1529(k)(3)(C)}

See 8 CCR 1529 for the exact requirements. There are additional notification duties to the local air quality district or the U.S.EPA.

Notification Under Title 40, Part 61, Subpart M (NESHAPS) – US EPA

- Notifications for renovations are required for the following activities which involve greater than 160 square feet, 260 linear feet or 35 cubic feet, cumulative per facility over one year.

- Notifications for demolitions are required for all demolitions of facilities.

- Please note that State Regulations may be more stringent than EPA Federal Regulations.

15.0 COST ESTIMATION

ITI's asbestos abatement cost estimates are listed below for each type of material found to be confirmed / positive asbestos containing in this report. Square footage costs were prepared on the basis of historical units costs and information contained in the "Means Building Construction Cost Data" Manual (Unit Costs). ITI's estimated costs listed below may be higher than unit costs to help compensate for the many variables involved in the asbestos abatement industry. It is always recommended to have an asbestos abatement contractor quote the project to get current and valid cost estimates at the time the USARC will perform the abatement.

Please note that conditions such as separating the work in small projects vs. one large project will greatly increase the cost. In addition, conditions such as weather and time of year will also impact the cost. All unit costs estimates listed below do not include estimated costs for project designs, air monitoring and consulting fees. Estimates are provided if all ACM is assumed to be removed at the same time and does not include the demolition of construction debris to access the ACM.

Estimated Project Designer Fees:	**$2,000 – 5,000**
Estimated Air Monitoring Fees:	**$400 – 500 / day**
Estimated Consulting Fees:	**$50 – 70 / hour**

Desiderio Hall / OMS Building

- Exterior Stucco $110,000.00
  22,000 square
  Desiderio Hall and the OMS Building ($5.00 per sq. ft.)

- Roofing penetration mastic $800.00
  200 square feet (Roof of Desiderio) - $4.00 per sq. ft.

Building 217

- 12 by 12 inch tan mottled floor tile $1,110.00
  370 square feet - $3.00 per sq. ft.

PHOTOS OF SITE

Desiderio Hall USARC

OMS Building

Storage Building (Bldg. 217)

Transformer (Pole Mounted) outside perimeter fence

Project Client
Adecco/Tad Technical
708 South College Street, Suite 204
Mckinney, TX 75069

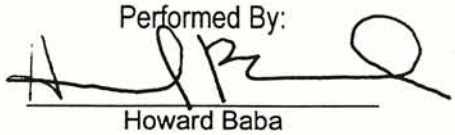
LEAD CLOSE-OUT

US Army Reserve Desiderio Center
655 Westminster Dr.
Pasadena, CA

March 2000
Project No. 391-0015

Report Prepared By
Altec Testing & Engineering, Inc.
6035 Fremont St.
Riverside, CA 92504
(909) 352-6510

Performed By:



Howard Baba
95-1791

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8. Laboratory Certifications

Altec Testing & Engineering, Inc.

March 21, 2000

Mr. Wayne Clawson
ADECCO/TAD Technical
708 South College Street, Suite 204
McKinney, TX 75069

Re: Consultants Certification – Final Clearance for Lead
US Army Reserve Desiderio Center
655 Westminster Dr., Pasadena, CA

We, the undersigned, as supervising Abatement Engineer for the above referenced project, hereby certify, on behalf of ourselves and our successors and assigns, for the benefit of the Owner and its successors and assigns, that:

1. The lead dust decontamination activity performed at the project site, was completed under our full-time supervision and in compliance with all applicable laws and regulations. Following final visual inspections, and wipe sample analysis, the area was found to be clean and free of any visible lead-containing dust and/or debris.

2. Air samples were collected during the decontamination activity. Based on the laboratory analytical reports, none of the samples exceeded the OSHA Action Level of 30 micrograms per cubic meter of air.

3. Wipe samples were collected following the decontamination activity. None of the samples exceeded the HUD/EPA Clearance Level for floor surfaces of 100 micrograms per square foot. Based on the laboratory analytical report, Altec affirms that the general public can safely reoccupy the area.

4. We are duly licensed to perform the services rendered relative to the project and the undersigned person has the authority to render this certificate.

Sincerely,
ALTEC TESTING & ENGINEERING, INC.

Howard Baba
Operations Manager

Cc: File

February 10, 2000

ADECCO/TAD Technical
Attention: Wayne Clawson
708 South College Street, Suite 204
McKinney, TX 75069

Subject: Project Progress Report
Desiderio U.S. Army Reserve Center
655 Westminster Drive, Pasadena, CA

Dear Wayne,

1) Currently the wallboard and mud is completed and the pit area has been re-cleaned. I am still waiting for the wipe sample results for the area. These samples were collected following the re-cleaning activity.

2) I have the fire alarm contractor scheduled for 09:00 am tomorrow (2/11) to re-install the smoke and heat sensor units.

3) We should start painting the area either Monday (2/14) or Tuesday (2/15) depending on when the paint comes in.

4) Following the results of the wipe samples on the pit area, we will begin construction of the pit flooring. We have ordered the manufactured joists and are waiting for their completion.

5) We have tentatively scheduled the duct cleaning for Tuesday (2/15).

Please feel free to contact Patrick Adams or myself if you have any questions or if we can provide any further assistance.

Sincerely,

Howard Baba
Altec Testing & Engineering, Inc.

January 20, 2000

ADECCO/TAD Technical
Attention: Wayne Clawson
708 South College Street, Suite 204
McKinney, TX 75069

Subject: Project Progress Report
Desiderio U.S. Army Reserve Center
655 Westminster Drive, Pasadena, CA

Dear Wayne,

The following work activities have been performed for the above referenced project to date:

From Tuesday, January 4, through Friday, January 7, 2000, Patrick Adams, Howard Baba, and Jay Yowell of Altec Testing & Engineering, Inc. performed decontamination of possible lead-contaminated dust from 15 computer units, 11 keyboards, 11 monitors, 11 mouse pointers and 5 printers. These units were disassembled and thoroughly decontaminated and then moved from room 207 and were set-up for use in the classroom directly across the corridor. Wipe samples were collected of various representative items to confirm that the lead levels were below regulated levels. The computer decontamination Phase is 100 % complete.

On Friday January 7, 2000, all paperwork and personal effects that had been identified by Mr. Art Smith of the US Army Reserve staff as "able to be replaced", were collected from the desks, book cases and file cabinets of room 207 and bagged up for disposal as regular construction waste, per the dust wipe sample results. A roll-off dumpster was ordered for the construction debris from Nuway of Monrovia and delivered to the site. The dumpster was dropped off at the NW end of the site as instructed by our site contact, Mr. Art Smith of the Army Reserve staff.

On Monday, January 10, 2000, Performance Abatement Services (PAS) mobilized on-site with an eight-man crew, set-up a decon area in room 207 and decontaminated the desks, book cases and file cabinets from room 207. These items were visually inspected by Altec. PAS will be bringing a steam cleaner to clean the fabric surfaces of the chairs and partition walls. All of the waste water is filtered through a portable water filter unit equipped with 5 micron filters. Altec received the go ahead for the change order to remove the sound pads from room 207.

On Tuesday, January 11, 2000, a seven-man PAS crew wet-wipes the floors, walls and horizontal surfaces of the 2nd floor of the building. Torch-cutting of the metal slanted wall located on the East end of room 207 has also begun. Room 207 is approximately 50% complete per the contract and the second floor wet wipe is 100% complete. First floor wet wiping will begin Wednesday, January 12, 2000.

On Wednesday, January 12, 2000, an eight-man PAS crew begins and completes the removal of the acoustic insulation wall panels. The ceiling panels are apparently adhered onto the ceiling and will require much more work. Metal wall torch-cutting also continues, approximately 50% completed. Howard Baba and Jay Yowell remove the hard-drives from the computers in the store room and destroy the internal components. The hard-drives are boxed and given to Mr. Art Smith.

On Thursday, January 13, 2000, an eight-man PAS crew began wet-wiping the floors, walls and horizontal surfaces of the first floor of the building, approximately 60% complete. Torch-cutting of the metal slanted wall is 100% complete, decontamination of the cut metal pieces and the room decontamination remaining. PAS also continues ceiling panel removal, approximately 30% complete.

On Friday, January 14, 2000, an eight-man PAS crew continues ceiling panel removal (approx. 75% complete); completes metal and room decontamination and completes first floor wet wiping.

Monday, January 17, 2000 – HOLIDAY.

On Tuesday, January 18, 2000, a seven-man PAS crew continues ceiling panel removal (approx. 90% complete). Shyamala Sundaram and a colleague on-site to inspect work progress and discuss the remodeling of room 207 with Altec's Patrick Adams, Bryan Stolte and Howard Baba.

On Wednesday, January 19, 2000, an eight-man PAS crew completes ceiling panel removal. They tear-down the poly sheeting covering and decontaminate the room, they also re-wet-wipe the corridors of the first and second floors & stairwells and de-mobilize their equipment. The decontamination phase of the building is 100% complete.

On Thursday, January 20, 2000, PAS foreman, Marcos Cuevas picks up the lead contaminated waste drums.

January 11, 2000

ADECCO/TAD Technical
Attention: Wayne Clawson
708 South College Street, Suite 204
McKinney, TX 75069

Subject: Project Progress Report
Desiderio U.S. Army Reserve Center
655 Westminster Drive, Pasadena, CA

Dear Wayne,

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On Tuesday, January 11, 2000, a seven-man PAS crew wet-wipes the floors, walls and horizontal surfaces of the 2nd floor of the building. Torch-cutting of the metal slanted wall located on the East end of room 207 has also begun. Room 207 is approximately 50% complete per the contract and the second floor wet wipe is 100% complete. First floor wet wiping will begin Wednesday, January 12, 2000.

MEMORANDUM

To: Mr. Art Smith – US Army Reserve

From: Howard Baba – Altec Testing & Engineering, Inc.

Date: 03/22/00

Subject: Computer Destruction Record for the Desiderio Center Project, 655 Westminster Dr., Pasadena, CA

Art:

The following is a list of the printers and monitors that were decontaminated and discarded:

DESCRIPTION	SERIAL NUMBER
Printer (Alps P-2000G)	8A6431358Y
Printer (Alps P-2000G)	8A6406646M
Printer (Alps P-2000G)	8A6406634M
Printer (Alps P-2000G)	8A6474523Y
Printer (Alps P-2000G)	8A6474499Y
Printer (Alps P-2000G)	6A6003627Y
Printer (Alps P-2000G)	8A6431368Y
Printer (Alps P-2000G)	8A6406650M
Printer (Alps P-2000G)	8A6431420Y
Printer (Alps P-2000G)	8A6474495Y
Printer (Alps P-2000G)	6A6003630Y
Printer (Alps P-2000G)	8A6431365Y
Printer (Alps P-2000G)	COA9023402Y
Printer (Alps P-2000G)	8A6431360Y
Printer (Alps P-2000G)	7A6478947Y
Printer (Alps P-2000G)	7A6462779Y
Printer (Alps P-2000G)	21A9000972Y
Printer (Alps P-2000G)	8A6431418Y
Printer (Alps P-2000G)	8A6406645M
Monitor (Zenith Data System)	84693141371
Monitor (Zenith Data System)	844ND0285TOP
Monitor (Zenith Data System)	844NC0586TOP
Monitor (Zenith Data System)	844NC0571TOP
Monitor (Zenith Data System)	844ND0302TOP
Monitor (Zenith Data System)	844ND0215TOP
Monitor (Zenith Data System)	BPL502A0000708
Monitor (Zenith Data System)	112NF0024NOE
Monitor (Zenith Data System)	844NC0571TOP
Monitor (Zenith Data System)	84697130938
Monitor (Zenith Data System)	844ND0302TOP

DISCARDED MONITORS CONTINUED

Monitor (Zenith Data System)	113NB0215NOE
Monitor (Zenith Data System)	844ND0276TOP
Monitor (Zenith Data System)	N44ND0471TOP
Monitor (Zenith Data System)	9629199
Monitor (Zenith Data System)	74697450162
Monitor (Zenith Data System)	844ND0301TOP
Monitor (Zenith Data System)	IESI1555896
Monitor (Zenith Data System)	32530686
Monitor (Zenith Data System)	812JC0127TAC
Monitor (Zenith Data System)	112NE0168NOE
Monitor (Zenith Data System)	208014414
Monitor (Zenith Data System)	55MOA0105606
Monitor (Zenith Data System)	55MOA0105133
Monitor (Zenith Data System)	844ND0230TOP
Monitor (Zenith Data System)	84695130527

The following is a list of hard-drives that were saved and the destroyed computer units in which they were removed from:

SAVED HARD-DRIVE SERIAL NUMBER	**DESTROYED COMPUTER UNIT S/N**
617892295	849AD006104
61788576	849AD006111
61777344	849AD006105
CY689715	816AH0257
60931529	816AH0041
61826843	849AD006109
60463251	815AA0137
01325635	647AE0044
61781727	849AD006178
25120120	806AH0232
61827559	849AD006167
61919625	849AD004333
60045807	846AE013185
61836666	849AD006086
4862420	800AC0499
3360968	800AC0452
E1DPGS	049ED006440
DE67533	049ED006866

Please feel free to contact me if you have any questions or if I can provide you with any further assistance.

Sincerely,

Howard Baba
Operations Manager

MEMORANDUM

To: Shyamala Sundaram – US Army Reserve

From: Howard Baba – Altec Testing & Engineering, Inc.

Date: 03/23/00

Subject: Computer Destruction Record for the Desiderio Center Project, 655 Westminster Dr., Pasadena, CA

Shyamala:

The following is a list of the printers and monitors that were decontaminated and discarded:

DESCRIPTION	SERIAL NUMBER
Printer (Alps P-2000G)	8A6431358Y
Printer (Alps P-2000G)	8A6406646M
Printer (Alps P-2000G)	8A6406634M
Printer (Alps P-2000G)	8A6474523Y
Printer (Alps P-2000G)	8A6474499Y
Printer (Alps P-2000G)	6A6003627Y
Printer (Alps P-2000G)	8A6431368Y
Printer (Alps P-2000G)	8A6406650M
Printer (Alps P-2000G)	8A6431420Y
Printer (Alps P-2000G)	8A6474495Y
Printer (Alps P-2000G)	6A6003630Y
Printer (Alps P-2000G)	8A6431365Y
Printer (Alps P-2000G)	COA9023402Y
Printer (Alps P-2000G)	8A6431360Y
Printer (Alps P-2000G)	7A6478947Y
Printer (Alps P-2000G)	7A6462779Y
Printer (Alps P-2000G)	21A9000972Y
Printer (Alps P-2000G)	8A6431418Y
Printer (Alps P-2000G)	8A6406645M
Monitor (Zenith Data System)	84693141371
Monitor (Zenith Data System)	844ND0285TOP
Monitor (Zenith Data System)	844NC0586TOP
Monitor (Zenith Data System)	844NC0571TOP
Monitor (Zenith Data System)	844ND0302TOP
Monitor (Zenith Data System)	844ND0215TOP
Monitor (Zenith Data System)	BPL502A0000708
Monitor (Zenith Data System)	112NF0024NOE
Monitor (Zenith Data System)	844NC0571TOP
Monitor (Zenith Data System)	84697130938
Monitor (Zenith Data System)	844ND0302TOP

DISCARDED MONITORS CONTINUED

Monitor (Zenith Data System)	113NB0215NOE
Monitor (Zenith Data System)	844ND0276TOP
Monitor (Zenith Data System)	N44ND0471TOP
Monitor (Zenith Data System)	9629199
Monitor (Zenith Data System)	74697450162
Monitor (Zenith Data System)	844ND0301TOP
Monitor (Zenith Data System)	IESI1555896
Monitor (Zenith Data System)	32530686
Monitor (Zenith Data System)	812JC0127TAC
Monitor (Zenith Data System)	112NE0168NOE
Monitor (Zenith Data System)	208014414
Monitor (Zenith Data System)	55MOA0105606
Monitor (Zenith Data System)	55MOA0105133
Monitor (Zenith Data System)	844ND0230TOP
Monitor (Zenith Data System)	84695130527

The following is a list of hard-drives that were saved and the destroyed computer units in which they were removed from:

SAVED HARD-DRIVE SERIAL NUMBER	**DESTROYED COMPUTER UNIT S/N**
617892295	849AD006104
61788576	849AD006111
61777344	849AD006105
CY689715	816AH0257
60931529	816AH0041
61826843	849AD006109
60463251	815AA0137
01325635	647AE0044
61781727	849AD006178
25120120	806AH0232
61827559	849AD006167
61919625	849AD004333
60045807	846AE013185
61836666	849AD006086
4862420	800AC0499
3360968	800AC0452
E1DPGS	049ED006440
DE67533	049ED006866

Please feel free to contact me if you have any questions or if I can provide you with any further assistance.

Sincerely,

Howard Baba
Operations Manager

Altec Testing & Engineering, Inc.

File **U.S. ARMY RESERVE-DESIDERIO HALL** Pg. 1 of 1

Pump Number	Sample Number	Date Sample Collected	Start Stop Time	Collection Information	Cass Diam mm	Start End Flow	Avg Flow LPM	Total Time Min	Volume LPM	Concentration ug/M3	Detection Level
7175	001	01/11/00	08:43 11:25	INSIDE AREA SAMPLE 2ND FLOOR-EAST HALL AREA WET WIPE	37	10.00 10.00	10.0	162	1620.00	<2.50	2.50
7179	002	01/11/00	08:45 11:26	INSIDE AREA SAMPLE 2ND FLOOR-CENTER HALL AREA WET WIPE	37	10.00 10.00	10.0	161	1610.00	<2.50	2.50
2835	003	01/11/00	08:47 11:27	INSIDE AREA SAMPLE 2ND FLOOR-WEST HALL AREA WET WIPE	37	10.00 10.00	10.0	160	1600.00	<2.50	2.50
7175	004	01/11/00	11:25 14:56	INSIDE AREA SAMPLE 2ND FLOOR-CORRIDOR EAST END AREA WET WIPE	37	10.00 10.00	10.0	211	2110.00	<2.50	2.50
7179	005	01/11/00	11:26 14:57	INSIDE AREA SAMPLE 2ND FLOOR-CORRIDOR CENTER AREA WET WIPE	37	10.00 10.00	10.0	211	2110.00	<2.50	2.50
2835	006	01/11/00	11:27 14:58	INSIDE AREA SAMPLE 2ND FLOOR-CORRIDOR WEST END AREA WET WIPE	37	10.00 10.00	10.0	211	2110.00	<2.50	2.50
N/A	007	01/11/00	12:00 12:00	FIELD BLANK	37		0.0	0		Bld*	

Method: 7082
Project Notes: US ARMY RESERVE-DESIDERIO HALL
PASADENA, CA

Client: ADECCO/TAD TECHNICAL
Job Description: PB391-0015
Technician: HOWARD BABA
Analyst: QUANTEM LABORATORIES

I hereby certify that the above samples have been collected using the above referenced method.

Asbestos & Lead Testing • Hazardous Materials Management • Environmental Engineering • Site Assessments & Remediation
6035 Fremont Street • Riverside, California 92504 • (909) 352-6510 • Fax (909) 352-6514 • A WBE Company

Altec Testing & Engineering, Inc.

File: U.S. ARMY RESERVE-DESIDERIO HALL

Pump Number	Sample Number	Date Sample Collected	Start Stop Time	Collection Information	Cass Diam (mm)	Start Stop Flow	Avg Flow L/M	Total Time Min	Volume LPM	Concentration (ug/M)	Detection Level
				OUTSIDE AREA SAMPLE							
7175	008	01/12/00	09:22	2ND FLOOR-CORRIDOR-EAST	37	10.00	10.0	337	3370.00	<2.50	2.50
			14:59	PANEL REMOVAL/TORCH CUTTING		10.00					
				OUTSIDE AREA SAMPLE							
7179	009	01/12/00	09:23	2ND FLOOR-CORRIDOR CENTER	37	10.00	10.0	337	3370.00	<2.50	2.50
			15:00	PANEL REMOVAL/TORCH CUTTING		10.00					
				OUTSIDE AREA SAMPLE							
2835	010	01/12/00	09:25	2NDFLOOR-CORRIDOR WEST	37	10.00	10.0	336	3360.00	<2.50	2.50
			15:01	PANEL REMOVAL/TORCH CUTTING		10.00					

Method: 7082
Project Notes: US ARMY RESERVE-DESIDERIO HALL
PASADENA, CA

Client: ADECCO/TAC TECHNICAL
Job Description: **PB391-0015**
Technician: HOWARD BAEA
Analyst: **QUANTEM LABORATORIES**

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Altec Testing & Engineering, Inc.

File: U.S. ARMY RESERVE-DESIDERIO HALL

Pump Number	Sample Number	Date Sample Collected	Start Stop Time	Collection Information	Cass Cham (mm)	Start Stop Flow	Avg Flow L/M	Total Time Min	Volume LPM	Concentration ug/M3	Detection Level
7175	011	01/13/00	08:30 12:03	OUTSIDE AREA SAMPLE 2ND FLOOR-CORRIDOR EAST PANEL REMOVAL/TORCH CUTTING	37	10.00 10.00	10.0	213	2130.00	<2.50	2.50
7179	012	01/13/00	08:31 12:04	OUTSIDE AREA SAMPLE 2ND FLOOR-CORRIDOR CENTER PANEL REMOVAL/TORCH CUTTING	37	10.00 10.00	10.0	213	2130.00	<2.50	2.50
2835	013	01/13/00	08:32 12:05	OUTSIDE AREA SAMPLE 2ND FLOOR-CORRIDOR WEST PANEL REMOVAL/TORCH CUTTING	37	10.00 10.00	10.0	213	2130.00	<2.50	2.50
7175	014	01/13/00	12:03 15:03	OUTSIDE AREA SAMPLE 2ND FLOOR-CORRIDOR EAST PANEL REMOVAL/TORCH CUTTING	37	10.00 10.00	10.0	180	1800.00	<2.50	2.50
7179	015	01/13/00	12:04 15:04	OUTSIDE AREA SAMPLE 2ND FLOOR-CENTER PANEL REMOVAL/TORCH CUTTING	37	10.00 10.00	10.0	180	1800.00	<2.50	2.50
2835	016	01/13/00	12:05 15:05	OUTSIDE AREA SAMPLE 2ND FLOOR-WEST PANEL REMOVAL/TORCH CUTTING	37	10.00 10.00	10.0	180	1800.00	<2.50	2.50

Method: 7082

Project Notes: US ARMY RESERVE-DESIDERIO HALL
PASADENA CA

Client: ADECCO/TAD TECHNICAL

Job Description: **PB391-0015**

Technician: HOWARD BAEA

Analyst: **QUANTEM LABORATORIES**

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File **U.S. ARMY RESERVE-DESIDERIO HALL** Pg. 1 of 1

Pump Number	Sample Number	Date Sample Collected	Start Stop Time	Collection Information	Cass Diam (mm)	Start Stop Flow	Avg Flow LPM	Total Time Min	Volume LPM	Concentration f/cc	Detection Level
7175	017	01/14/00	08:49 11:09	OUTSIDE AREA SAMPLE 1ST FLOOR-CORRIDOR EAST WET WIPING	37	10.00 10.00	10.0	140	1400.00	<2.50	2.50
7179	018	01/14/00	08:50 11:10	OUTSIDE AREA SAMPLE 2ND FLOOR-CORRIDOR CENTER PANEL REMOVAL	37	10.00 10.00	10.0	140	1400.00	3.05	2.50
2835	019	01/14/00	08:51 11:11	OUTSIDE AREA SAMPLE 2ND FLOOR-CORRIDOR WEST PANEL REMOVAL	37	10.00 10.00	10.0	140	1400.00	<2.50	2.50
7175	020	01/14/00	11:09 14:19	OUTSIDE AREA SAMPLE 1ST FLOOR-CORRIDOR EAST WET WIPING	37	10.00 10.00	10.0	190	1900.00	<2.50	2.50
7179	021	01/14/00	11:10 14:20	OUTSIDE AREA SAMPLE 2ND FLOOR-CORRIDOR CENTER PANEL REMOVAL	37	10.00 10.00	10.0	190	1900.00	<2.50	2.50
2835	022	01/14/00	11:11 14:21	OUTSIDE AREA SAMPLE 2ND FLOOR-CORRIDOR WEST PANEL REMOVAL	37	10.00 10.00	10.0	190	1900.00	<2.50	2.50
N/A	023	01/14/00	12:00 12:00	FIELD BLANK	37		0.0	0		Bld*	

Method: 7082
Project Notes: US ARMY RESERVE-DESIDERIO HALL
PASADENA, CA

Client: ADECCO/TAD TECHNICAL
Job Description: **PB391-0015**
Technician: HOWARD BABA
Analyst: **QUANTEM LABORATORIES**

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Altec Testing & Engineering, Inc.

File: U.S. ARMY RESERVE-DESIDERIO HALL

Pump Number	Sample Number	Date Sample Collected	Start Stop Time	Collection Information	Cass Diam mm	Start Stop Flow L/M	Avg Flow L/M	Total Time Min	Volume L/M	Concentration ug/M3	Detection Level
7175	024	01/18/00	07:56 10:55	OUTSIDE AREA SAMPLE 2ND FLOOR-CORRIDOR EAST PANEL REMOVAL	37	10.00 10.00	10.0	179	1790.00	<2.50	2.50
7179	025	01/18/00	07:57 10:56	OUTSIDE AREA SAMPLE 2ND FLOOR-CORRIDOR CENTER PANEL REMOVAL	37	10.00 10.00	10.0	179	1790.00	<2.50	2.50
2835	026	01/18/00	07:58 10:57	OUTSIDE AREA SAMPLE 2ND FLOOR-CORRIDOR WEST PANEL REMOVAL	37	10.00 10.00	10.0	179	1790.00	<2.50	2.50
7175	027	01/18/00	10:55 14:31	OUTSIDE AREA SAMPLE 2ND FLOOR-CORRIDOR EAST PANEL REMOVAL	37	10.00 10.00	10.0	216	2160.00	<2.50	2.50
7179	028	01/18/00	10:56 14:32	OUTSIDE AREA SAMPLE 2ND FLOOR-CORRIDOR CENTER PANEL REMOVAL	37	10.00 10.00	10.0	216	2160.00	<2.50	2.50
2835	029	01/18/00	10:57 14:33	OUTSIDE AREA SAMPLE 2ND FLOOR-CORRIDOR WEST PANEL REMOVAL	37	10.00 10.00	10.0	216	2160.00	<2.50	2.50
N/A	030	01/18/00	12:00 12:00	FIELD BLANK	37	10.00 10.00	10.0	0	0.00	Bld*	

Method: 7082
Project Notes: US ARMY RESERVE-DESIDERIO HALL
PASADENA, CA

Client: ADECCO/TAD TECHNICAL
Job Description: **PB391-0015**
Technician: HOWARD BABA
Analyst: **QUANTEM LABORATORIES**

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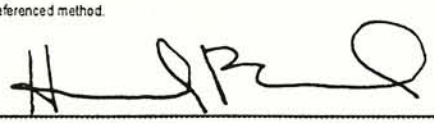

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File: U.S. ARMY RESERVE-DESIDERIO HALL

Pump Number	Sample Number	Date Sample Collected	Start Stop Time	Collection Information	Class Diam mm	Start Stop Flow	Avg Flow LPM	Total Time Min	Volume LPM	Concentration (µg/M³)	Reaction Level
7175	031	01/19/00	07:42 11:01	OUTSIDE AREA SAMPLE 2ND FLOOR-CORRIDOR EAST PANEL REMOVAL	37	10.00 10.00	10.0	199	1990.00	<2.50	2.50
7179	032	01/19/00	07:43 11:02	OUTSIDE AREA SAMPLE 2ND FLOOR-CORRIDOR CENTER PANEL REMOVAL	37	10.00 10.00	10.0	199	1990.00	<2.50	2.50
2835	033	01/19/00	07:44 11:03	OUTSIDE AREA SAMPLE 2ND FLOOR-CORRIDOR WEST PANEL REMOVAL	37	10.00 10.00	10.0	199	1990.00	<2.50	2.50
7175	034	01/19/00	11:01 14:31	OUTSIDE AREA SAMPLE 2ND FLOOR-CORRIDOR EAST AREA CLEAN-UP	37	10.00 10.00	10.0	210	2100.00	<2.50	2.50
7179	035	01/19/00	11:02 14:32	OUTSIDE AREA SAMPLE 2ND FLOOR-CORRIDOR CENTER AREA CLEAN-UP	37	10.00 10.00	10.0	210	2100.00	<2.50	2.50
2835	036	01/19/00	11:03 14:33	OUTSIDE AREA SAMPLE 2ND FLOOR-CORRIDOR WEST AREA CLEAN-UP	37	10.00 10.00	10.0	210	2100.00	<2.50	2.50

Method: 7082
Project Notes: US ARMY RESERVE-DESIDERIO HALL
PASADENA, CA

Client: ADECCO/TAD TECHNICAL
Job Description: PB391-0015
Technician: HOWARD BABA
Analyst: QUANTEM LABORATORIES

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File:

PG 1 OF 1

Pump Number	Sample Number	Date Sample Collected	Start Stope Time	Collection Information	Cass. Dia. (mm)	Start Stop Flow	Avg. Flow (LPM)	Total Time (min)	Volume (LPM)	Weight (M/M³)	Detection Level
7175	01	1/11/00	8:43 11:25	Inside AREA 2nd Floor EAST Hall AREA WET WIPE	37	10 10	10	162	1620		
2179	02	1/11/00	8:45 11:26	Inside AREA 2nd Floor Center HALL AREA WET WIPE	37	10 10	10	161	1610		
2835	03	1/11/00	8:47 11:27	Inside AREA 2nd floor West Hall AREA wet WIPE	37	10 10	10	160	1600		
7175	04		11:25 14:56	I/S AREA 2ND FL-CORRIDOR EAST END AREA WET WIPE	37	10 10	10	211	2110		
7179	05		11:26 14:57	I/S AREA 2ND FL CORRIDOR-CENTER AREA WET WIPE	37	10 10	10	211	2110		
2835	06		11:27 14:58	I/S AREA 2ND FL-CORRIDOR WEST END AREA WET WIPE	37	10 10	10	211	2110		
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Method:
Project Notes:

I hereby certify that the above samples have been collected using the above referenced methods.

RB

1-21-00

CLIENT: US ARMY RES.
JOB:
TECHNICIAN:
ANALYST:

Pb Air.xls

File:

PG 1 OF 1

Pump Number	Sample Number	Date Sample Collected	Start Stope Time	Collection Information	Cass. Dia. (mm)	Start Stop Flow	Avg. Flow (LPM)	Total Time (min)	Volume (LPM)	Weight (M/M^3)	Detection Level
7175	08	1/12/00	09:22 14:59	O/S AREA 2ND FL CORRIDOR - EAST PANEL REMOVAL/TORCH CUTTING	37	10/10	10	337	3370		
7179	09	"	09:23 15:00	O/S AREA 2ND FL CORRIDOR - CENTER PANEL REMOVAL/TORCH CUTTING	37	10/10	10	337	3370		
2835	10	"	09:25 15:01	O/S AREA 2ND FL CORRIDOR - WEST PANEL REMOVAL/TORCH CUTTING	37	10/10	10	336	3360		
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Method:
Project Notes:

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RECEIVED
JAN 24

1-21-00

CLIENT: US Army Res.
JOB:
TECHNICIAN:
ANALYST:

Pb Air.xls

File:

PG 1 OF 1

Pump Number	Sample Number	Date Sample Collected	Start Stope Time	Collection Information	Cass. Dia. (mm)	Start Stop Flow	Avg. Flow (LPM)	Total Time (min)	Volume (LPM)	Weight (M/M³)	Detection Level
7175	11	1/13/00	8:30 12:03	O/S AREA 2nd Floor Corridor-EAST Panel Removal/Torch cutting	37	10 10	10	213	2130		
7179	12		8:31 12:04	O/S AREA 2nd Floor Corridor-center Pannel Removal/Torch cutting	37	10 10	10	213	2130		
2835	13		8:32 12:05	O/S AREA 2nd Floor corridor-west Pannel Removal/Torch cutting	37	10 10	10	213	2130		
7175	14		12:03 15:03	O/S AREA 2nd Floor corridor EAST Panel Removal/Torch cutting	37	10 10	10	180	1800		
7179	15		12:04 15:04	O/S AREA 2nd Floor center Panel Removal/Torch cutting	37	10 10	10	180	1800		
2835	16		12:05 15:05	O/S AREA 2nd Floor WEST Panel Removal/Torch cutting	37	10 10	10	180	1800		
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Method:
Project Notes:

I hereby certify that the above samples have been collected using the above referenced methods.

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RD
1-21-00

CLIENT: US ARMY Ros.
JOB:
TECHNICIAN:
ANALYST:

Pb Air.xls

File:

PG 1 OF 1

Pump Number	Sample Number	Date Sample Collected	Start Stope Time	Collection Information	Cass. Dia. (mm)	Start Stop Flow	Avg. Flow (LPM)	Total Time (min)	Volume (LPM)	Weight (M/M²)	Detection Level
7175	17	1/14/00	08:49 11:09	O/S AREA 1ST FL. CORRIDOR - EAST WET WIPING	37	10 10	10	140	1400		
7179	18		08:50 11:10	O/S AREA 2ND FL. CORRIDOR - CENTER PANEL REMOVAL	37	10 10	10	140	1400		
2835	19		08:51 11:11	O/S AREA 2ND FL CORRIDOR - WEST PANEL REMOVAL	37	10 10	10	140	1400		
7175	20		11:09 14:19	O/S AREA 1ST FL CORRIDOR - EAST WET WIPING	37	10 10	10	190	1900		
7179	21		11:10 14:20	O/S AREA 2ND FL CORRIDOR - CENTER PANEL REMOVAL	37	10 10	10	190	1900		
2835	22		11:11 14:21	O/S AREA 2ND FL CORRIDOR - WEST PANEL REMOVAL	37	10 10	10	190	1900		
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Method:
Project Notes:

I hereby certify that the above samples have been collected using the above referenced methods.

RECEIVED
JAN 21 2000

1-21-00

CLIENT: ARMY RES.
JOB:
TECHNICIAN:
ANALYST:

File:

PG 1 OF 1

Pump Number	Sample Number	Date Sample Collected	Start Stope Time	Collection Information	Cass. Dia. (mm)	Start Stop Flow	Avg. Flow (LPM)	Total Time (min)	Volume (LPM)	Weight (M/M²)	Detection Level
7175	24	1/18/00	07:56 10:55	O/S AREA 2ND FL CORRIDOR-EAST PANEL REMOVAL	37	10 10	10	179	1790		
7179	25		07:57 10:56	O/S AREA 2ND FL CORRIDOR-CENTER PANEL REMOVAL	37	10 10	10	179	1790		
2835	26		07:58 10:57	O/S AREA 2ND FL CORRIDOR-WEST PANEL REMOVAL	37	10 10	10	179	1790		
7175	27		10:55 14:31	O/S AREA 2ND FL CORRIDOR-EAST PANEL REMOVAL	37	10 10	10	216	2160		
7179	28		10:56 14:32	O/S AREA 2ND FL CORRIDOR-CENTER PANEL REMOVAL	37	10 10	10	216	2160		
2835	29		10:57 14:33	O/S AREA 2ND FL CORRIDOR-WEST PANEL REMOVAL	37	10 10	10	216	2160		
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Method:
Project Notes:

I hereby certify that the above samples have been collected using the above referenced methods.

RECEIVED
JAN 24

1-21-00

CLIENT: ARMY RES.
JOB:
TECHNICIAN:
ANALYST:

Pb Air xls

File:

PG 1 OF 1

Pump Number	Sample Number	Date Sample Collected	Start Stope Time	Collection Information	Cass. Dia. (mm)	Start Stop Flow	Avg. Flow (LPM)	Total Time (min)	Volume (LPM)	Weight (M/M³)	Detection Level
7175	31	1/19/00	07:42 11:01	O/S AREA SAMPLE 2ND FL CORRIDOR - EAST PANEL REMOVAL	37	10 10	10	199	1990		
7179	32		07:43 11:02	O/S AREA 2ND FL CORRIDOR - CENTER PANEL REMOVAL	37	10 10	10	199	1990		
2835	33		07:44 11:03	O/S AREA 2ND FL CORRIDOR - WEST PANEL REMOVAL	37	10 10	10	199	1990		
7175	34		11:01 14:31	O/S AREA 2ND FL CORRIDOR - EAST AREA CLEAN UP	37	10 10	10	210	2100		
7179	35		11:02 14:32	O/S AREA 2ND FL CORRIDOR - CENTER AREA CLEAN UP	37	10 10	10	210	2100		
2835	36		11:03 14:33	O/S AREA 2ND FL CORRIDOR - WEST AREA CLEAN UP	37	10 10	10	210	2100		
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Method:
Project Notes:

I hereby certify that the above samples have been collected using the above referenced methods.

[signature]

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CB
1-21-00

CLIENT: ARMY RES.
JOB:
TECHNICIAN:
ANALYST:

Pb Air.xls

QUANTEM® LABORATORIES
2033 Heritage Park Drive, Oklahoma City, OK 73120
Phone: (405) 755-7272 Fax: (405) 755-2058

Environmental Chemistry Analysis Report

QuanTEM Set ID: 0001C984117
Date Received: January 21, 2000
Received by: Richard Bishop

Sampling Date: 01/11,12,13,14,18,19/2000

Date of Report: January 24, 2000
NLLAP Lab ID: 101352

Client: Altec Testing & Engineering, Inc.
6035 Fremont
Riverside, CA 92504
Contact: Howard Baba
Acct. No.: A984

Project: US Army Reserve
Location: .Desiderio Building
Project No.: N/A

QuanTEM ID	Client ID	Matrix	Parameter	Method	Analyst	Date Analyzed	Detection Limit	Result	Unit
1	01	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
2	02	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
3	03	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
4	04	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
5	05	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
6	06	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
7	07	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg
8	08	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
9	09	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
10	10	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
11	11	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
12	12	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
13	13	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
14	14	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³

This report applies only to the standards or procedures indicated and to the specific samples tested. It is not indicative of the qualities of apparently identical or similar products or procedures, nor does it represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the client and are not to be reproduced without specific written permission.

Environmental Chemistry Analysis Report

QuanTEM ID	Client ID	Matrix	Parameter	Method	Analyst	Date Analyzed	Detection Limit	Result	Unit
15	15	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
16	16	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
17	17	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
18	18	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	3.05	µg/M³
19	19	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
20	20	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
21	21	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
22	22	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
23	23	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg
24	24	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
25	25	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
26	26	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
27	27	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
28	28	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
29	29	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
30	30	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg
31	31	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
32	32	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
33	33	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
34	34	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
35	35	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³
36	36	Air	Lead	NIOSH 7082	PJM	1/21/00	2.50	<2.50	µg/M³

Environmental Chemistry Analysis Report

Quality Control Data

Parameter	Duplicate % Difference	Matrix Spike % Recovery	Lab Control Std. % Recovery
Lead	4	100	102

Reviewed & Approved: Angela A. Dudley Title: Chemist

ALTEC TESTING AND ENGINEERING - CHAIN OF CUSTODY(COC) FORM

CLIENT NAME	US ARMY RESERVE	ALTEC CP #		LEAD	PLM	PCM	TEM
PROJECT	DESIDERIO BLDG	SAMPLED BY	HB	7420	BULK	PERSONAL	BULK
ADDRESS	655 WESTMINSTER DR	SAMPLE DATE	1/11-19/00	7082	GRAB	AREA	EPA LEVEL II
	PASADENA, CA	SHIPPED VIA	FED EX	7105	DUST	CLEARANCE	AHERA / 7402
CLIENT #		RECEIVED		CONTAINER			
REPORT TO	HOWARD BABA	T/A TIME	24	TOTAL #			
REQUESTER	" "	ANALYZED		BLANK #			

FIELD #	LAB #	COLOR/DESCRIPTION	FIELD #	LAB #	COLOR/DESCRIPTION
01		LEAD AIR SAMPLE CASSETTES			AIR SAMPLE INFO ON ATTACHED DATA SHEETS
}		}			
36					

RELINQUISHED BY HOWARD BABA SIGNED [signature] DATE 1-20-00

RECEIVED/RELINQUISHED BY Richard Bisig SIGNED Richard Bisig DATE 1-21-00

RECEIVED BY SIGNED DATE

PAGE 1 OF 1

Altec Testing & Engineering, Inc.

Dust Wipe / Soil Sample Collection Sheet

Project: US Army Reserve

JOB # **391-0015**

Sample #	Date Sampled	Sample Location	Sample Type	Surface Area Sampled	Surface Orientation	Method	Parameter	Detection Limit	Lab Results ug/ft^2
9	1/6/00	Office 207-East End	Dust	1sq ft	Horizontal	NIOSH 9100	Lead	5.00	<5.00
10	1/6/00	Office 207-East End	Dust	1sq ft	Horizontal	NIOSH 9100	Lead	5.00	49.5
11	1/6/00	Office 207-East End	Dust	1sq ft	Horizontal	NIOSH 9100	Lead	5.00	8.55
12	1/6/00	Office 207-Center	Dust	1sq ft	Horizontal	NIOSH 9100	Lead	5.00	<5.00
13	1/6/00	Office 207-East End	Dust	1sq ft	Horizontal	NIOSH 9100	Lead	5.00	8.55
14	1/6/00	Office 207-Center	Dust	1sq ft	Horizontal	NIOSH 9100	Lead	5.00	10.6
15	1/6/00	Office 207-West	Dust	1sq ft	Horizontal	NIOSH 9100	Lead	5.00	31.1
16	1/6/00	Office 207-West	Dust	1sq ft	Horizontal	NIOSH 9100	Lead	5.00	22.9
17	1/6/00	Office 207-West Storage	Dust	1sq ft	Horizontal	NIOSH 9100	Lead	5.00	12.7
18	1/6/00	Office 207-West Storage	Dust	1sq ft	Horizontal	NIOSH 9100	Lead	5.00	8.55
19	1/6/00	Office 207-East End	Dust	1sq ft	Horizontal	NIOSH 9100	Lead	5.00	<5.00
20	1/6/00	Office 207-Center	Dust	1sq ft	Horizontal	NIOSH 9100	Lead	5.00	<5.00

Sampled By:

Howard M. Baba

Altec Testing & Engineering, Inc.

Dust Wipe / Soil Sample Collection Sheet

Project: US Army Reserve

JOB # **391-0015**

Sample #	Date Sampled	Sample Location	Sample Type	Surface Area Sampled	Surface Orientation	Method	Parameter	Detection Limit	Lab Results ug/ft^2
CL1	1/20/00	2nd Fl.-Old Metal Wall Area (207)	Dust	1sq ft	Horizontal	EPA 6010	Cadmium	0.5	1.5
						EPA 6010	Chromium	0.5	2.0
						NIOSH 9100	Lead	5.0	265.3
CL2	1/20/00	2nd Fl.-Old Panel Area (207)	Dust	1sq ft	Horizontal	EPA 6010	Cadmium	0.5	0.5
						EPA 6010	Chromium	0.5	2.0
						NIOSH 9100	Lead	5.0	20.4
CL3	1/20/00	2nd Fl.-Corridor-West End	Dust	1sq ft	Horizontal	EPA 6010	Cadmium	0.5	BMDL
						EPA 6010	Chromium	0.5	1.5
						EPA 7420	Lead	5.0	28.6
CL4	1/20/00	1st Fl.-Center of Warehouse	Dust	1sq ft	Horizontal	EPA 6010	Cadmium	0.5	2.5
						EPA 6010	Chromium	0.5	3.5
						NIOSH 9100	Lead	5.0	20.4
CL5	1/20/00	1st Fl.-Lobby	Dust	1sq ft	Horizontal	EPA 6010	Cadmium	0.5	BMDL
						EPA 6010	Chromium	0.5	1.5
						NIOSH 9100	Lead	5.0	10.1
CL6	1/20/00	1st Fl.-Corridor-East End	Dust	1sq ft	Horizontal	EPA 6010	Cadmium	0.5	BMDL
						EPA 6010	Chromium	0.5	1.5
						NIOSH 9100	Lead	5.0	20.4

Sampled By:

Howard M. Baba

Altec Testing & Engineering, Inc.

Dust Wipe / Soil Sample Collection Sheet

Project: US Army Reserve

JOB # **391-0015**

Sample #	Date Sampled	Sample Location	Sample Type	Surface Area Sampled	Surface Orientation	Method	Parameter	Detection Limit	Lab Results ug/ft^2
21	1/20/00	Warehouse-West End	Dust	1sq ft	Horizontal	EPA 6010	Cadmium	0.5	8.0
						EPA 6010	Chromium	0.5	12.0
						NIOSH 9100	Lead	5.0	90.4
22	1/20/00	Warehouse-Center	Dust	1sq ft	Horizontal	EPA 6010	Cadmium	0.5	3.5
						EPA 6010	Chromium	0.5	5.0
						NIOSH 9100	Lead	5.0	28.6
23	1/20/00	Warehouse-East End	Dust	1sq ft	Horizontal	EPA 6010	Cadmium	0.5	6.0
						EPA 6010	Chromium	0.5	17.5
						NIOSH 9100	Lead	5.0	47.1

Sampled By:

Howard M. Baba

Altec Testing & Engineering, Inc.

Dust Wipe / Soil Sample Collection Sheet

Project: US Army Reserve

JOB # **391-0015**

Sample #	Date Sampled	Sample Location	Sample Type	Surface Area Sampled	Surface Orientation	Method	Parameter	Detection Limit	Lab Results ug/ft^2
CL7	2/8/00	2nd Fl.-Pit Area	Dust	1sq ft	Horizontal	NIOSH 9100	Lead	5.00	15.5
CL8	2/8/00	2nd Fl.-Pit Area	Dust	1sq ft	Horizontal	NIOSH 9100	Lead	5.00	37.1

Sampled By:

Howard M. Baba

Altec Testing & Engineering, Inc.

Dust Wipe / Soil Sample Collection Sheet

Project: US Army Reserve

JOB # **391-0015**

Sample #	Date Sampled	Sample Location	Sample Type	Surface Area Sampled	Surface Orientation	Method	Parameter	Detection Limit	Lab Results ug/ft^2
FCL01	3/20/00	Room 207-East End-Floor Tile	Dust	1sq ft	Horizontal	NIOSH 9100	Lead	5.00	5.55
FCL02	3/20/00	Room 207-Center-Floor Tile	Dust	1sq ft	Horizontal	NIOSH 9100	Lead	5.00	<5.00
FCL03	3/20/00	Room 207-West End-Floor Tile	Dust	1sq ft	Horizontal	NIOSH 9100	Lead	5.00	<5.00
FCL04	3/20/00	Room 207-HVAC Center Grill	Dust	1sq ft	Horizontal	NIOSH 9100	Lead	5.00	<5.00

Sampled By:

Howard M. Baba

QUANTEM® LABORATORIES
2033 Heritage Park Drive, Oklahoma City, OK 73120
Phone: (405) 755-7272 Fax: (405) 755-2058

Environmental Chemistry Analysis Report

QuanTEM Set ID: 0001C984044
Date Received: January 7, 2000
Received by: Richard Bishop

Sampling Date: 1/6/2000

Date of Report: January 7, 2000
NLLAP Lab ID: 101352

Client: Altec Testing & Engineering, Inc.
6035 Fremont
Riverside, CA 92504
Contact: Howard Baba
Acct. No.: A984

Project: Army Reserve Building
Location: 655 Westminister DR, Pasadena, CA
Project No.: N/A

QuanTEM ID	Client ID	Matrix	Parameter	Method	Analyst	Date Analyzed	Detection Limit	Result	Unit
1	09	Wipe	Lead	NIOSH 9100	PJM	1/7/00	5.00	<5.00	µg/ft²
2	10	Wipe	Lead	NIOSH 9100	PJM	1/7/00	5.00	49.5	µg/ft²
3	11	Wipe	Lead	NIOSH 9100	PJM	1/7/00	5.00	8.55	µg/ft²
4	12	Wipe	Lead	NIOSH 9100	PJM	1/7/00	5.00	<5.00	µg/ft²
5	13	Wipe	Lead	NIOSH 9100	PJM	1/7/00	5.00	8.55	µg/ft²
6	14	Wipe	Lead	NIOSH 9100	PJM	1/7/00	5.00	10.6	µg/ft²
7	15	Wipe	Lead	NIOSH 9100	PJM	1/7/00	5.00	31.1	µg/ft²
8	16	Wipe	Lead	NIOSH 9100	PJM	1/7/00	5.00	22.9	µg/ft²
9	17	Wipe	Lead	NIOSH 9100	PJM	1/7/00	5.00	12.7	µg/ft²
10	18	Wipe	Lead	NIOSH 9100	PJM	1/7/00	5.00	8.55	µg/ft²
11	19	Wipe	Lead	NIOSH 9100	PJM	1/7/00	5.00	<5.00	µg/ft²
12	20	Wipe	Lead	NIOSH 9100	PJM	1/7/00	5.00	<5.00	µg/ft²

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Environmental Chemistry Analysis Report

Quality Control Data

Parameter	Duplicate % Difference	Matrix Spike % Recovery	Lab Control Std. % Recovery
Lead	5	100	99

Reviewed & Approved: Ray Reeves Title: Chemist

QUANTEM® LABORATORIES
2033 Heritage Park Drive, Oklahoma City, OK 73120
Phone: (405) 755-7272 Fax: (405) 755-2058

Environmental Chemistry Analysis Report

QuanTEM Set ID: 0001C984116
Date Received: 1/21/2000
Received by: Richard Bishop

Sampling Date: 1/20/2000

Date of Report:
NLLAP Lab ID: 101352

Client: Altec Testing & Engineering, Inc.
6035 Fremont
Riverside, CA 92504
Contact: Howard Baba
Acct. No.: A984

Project: Army Reserve Building
Location: 655 Westminister DR, Pasadena, CA
Project No.: N/A

QuanTEM ID	Client ID	Matrix	Parameter	Method	Analyst	Date Analyzed	Detection Limit	Result	Unit
1	CL-1	Wipe	Cadmium	EPA 6010	NP	1/24/00	0.5	1.5	µg/ft²
			Chromium	EPA 6010	NP	1/24/00	0.5	2.0	µg/ft²
			Lead	NIOSH 9100	PJM	1/21/00	5.00	265.3	µg/ft²
2	CL-2	Wipe	Cadmium	EPA 6010	NP	1/24/00	0.5	0.5	µg/ft²
			Chromium	EPA 6010	NP	1/24/00	0.5	2.0	µg/ft²
			Lead	NIOSH 9100	PJM	1/21/00	5.00	20.4	µg/ft²
3	CL-3	Wipe	Cadmium	EPA 6010	NP	1/24/00	0.5	BMDL	µg/ft²
			Chromium	EPA 6010	NP	1/24/00	0.5	1.5	µg/ft²
			Lead	EPA 7420	PJM	1/21/00	5.00	28.6	µg/ft²
4	CL-4	Wipe	Cadmium	EPA 6010	NP	1/24/00	0.5	2.5	µg/ft²
			Chromium	EPA 6010	NP	1/24/00	0.5	3.5	µg/ft²
			Lead	NIOSH 9100	PJM	1/21/00	5.00	20.4	µg/ft²
5	CL-5	Wipe	Cadmium	EPA 6010	NP	1/24/00	0.5	BMDL	µg/ft²
			Chromium	EPA 6010	NP	1/24/00	0.5	1.5	µg/ft²
			Lead	NIOSH 9100	PJM	1/21/00	5.00	10.1	µg/ft²

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Environmental Chemistry Analysis Report

QuanTEM ID	Client ID	Matrix	Parameter	Method	Analyst	Date Analyzed	Detection Limit	Result	Unit
6	CL-6	Wipe	Cadmium	EPA 6010	NP	1/24/00	0.5	BMDL	µg/ft²
			Chromium	EPA 6010	NP	1/24/00	0.5	1.5	µg/ft²
			Lead	NIOSH 9100	PJM	1/21/00	5.00	20.4	µg/ft²
7	21	Wipe	Cadmium	EPA 6010	NP	1/24/00	0.5	8.0	µg/ft²
			Chromium	EPA 6010	NP	1/24/00	0.5	12.0	µg/ft²
			Lead	NIOSH 9100	PJM	1/21/00	5.00	90.4	µg/ft²
8	22	Wipe	Cadmium	EPA 6010	NP	1/24/00	0.5	3.5	µg/ft²
			Chromium	EPA 6010	NP	1/24/00	0.5	5.0	µg/ft²
			Lead	NIOSH 9100	PJM	1/21/00	5.00	28.6	µg/ft²
9	23	Wipe	Cadmium	EPA 6010	NP	1/24/00	0.5	6.0	µg/ft²
			Chromium	EPA 6010	NP	1/24/00	0.5	17.5	µg/ft²
			Lead	NIOSH 9100	PJM	1/21/00	5.00	47.1	µg/ft²

Quality Control Data

Parameter	Duplicate % Difference	Matrix Spike % Recovery	Lab Control Std. % Recovery
Cadmium	-	-	101
Chromium	-	-	106
Lead	1	99	102

Reviewed & Approved: Ray Powers Title: Chemist

QUANTEM® LABORATORIES
2033 Heritage Park Drive, Oklahoma City, OK 73120
Phone: (405) 755-7272 Fax: (405) 755-2058

Environmental Chemistry Analysis Report

QuanTEM Set ID: 0002C984072
Date Received: 2/11/2000
Received by: J. Day

Sampling Date: 2/8/2000

Date of Report: 2/11/2000
NLLAP Lab ID: 101352

Client: Altec Testing & Engineering, Inc.
6035 Fremont
Riverside, CA 92504
Contact: Howard Baba
Acct. No.: A984

Project: Desiderio Bldg.
Location: 655 Westminister Dr.
Project No.: -

QuanTEM ID	Client ID	Matrix	Parameter	Method	Analyst	Date Analyzed	Detection Limit	Result	Unit
1	CL-7	Wipe	Lead	NIOSH 9100	PJM	2/11/00	5.00	15.5	µg/ft²
2	CL-8	Wipe	Lead	NIOSH 9100	PJM	2/11/00	5.00	37.1	µg/ft²

Quality Control Data

Parameter	Duplicate % Difference	Matrix Spike % Recovery	Lab Control Std. % Recovery
Lead	1	97	100

Reviewed & Approved: Angela A. Dudley Title: Chemist

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QUANTEM® LABORATORIES
2033 Heritage Park Drive, Oklahoma City, OK 73120
Phone: (405) 755-7272 Fax: (405) 755-2058

Environmental Chemistry Analysis Report

QuanTEM Set ID: 0003CA984118
Date Received: 03/21/00
Received By: Jayne Day
Date Sampled: 03/20/00
Time Sampled: 0:00
Extraction Date:
Date of Report: 3/22/00

ODEQ Lab No. 7202
AIHA ID: 101352
KDHE ID: E-10315

Client: Altec Testing & Engineering, Inc.
6035 Fremont
Riverside, CA 92504

Contact: Patrick Adams
Acct. No.: A984

Project: Desider 10 Bldg
Location: Rm 207
Project No.:

QuanTEM ID	Client ID	Matrix	Parameter	Results	Practical Quantitation Limits	Method Detection Limit	Units	Date/Time Analyzed	Analyst	Method
001	207FCL-01	Wipe	Lead	5.55		5.00	ug/ft2	03/21/00 0:00	P. Marshala	NIOSH 9100
002	207FCL-02	Wipe	Lead	<5.00		5.00	ug/ft2	03/21/00 0:00	RP	NIOSH 9100
003	207FCL-03	Wipe	Lead	<5.00		5.00	ug/ft2	03/21/00 0:00	P. Marshala	NIOSH 9100
004	207FCL-04	Wipe	Lead	<5.00		5.00	ug/ft2	03/21/00 0:00	P. Marshala	NIOSH 9100

BMDL = Below Method Detection Limits
BPQL = Below Practical Quantitation Limits

Authorized Signature: Angela A. Dudley

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Environmental Chemistry QC Report

QuanTEM Set ID: 0003CA984118
Date Received: 3/21/2000
Received by: Jayne Day

Date of Report: 3/22/2000
ODEQ Lab No. 7202
AIHA Lab ID: 101352
KDHE: E-10315

Analyst	Parameter	Method	Date Completed	Time Completed	MSD Recovery (%)	Recovery Limits	Blank	Units	Duplicate RPD	Matrix Spike Recovery (%)	LCS Recovery (%)	Matrix Spike RPD
PJ M	Lead	NIOSH 9100	3/21/2000	-	98	-	BMDL	ug/ft2	-	96	101	2

Authorized Signature: Angela A. Dudley

ALTEC TESTING AND ENGINEERING, INC. CHAIN OF CUSTODY (COC) LEAD BULK

CLIENT NAME _____ SAMPLED BY HB DATE 1.6.99 CONTAINER _____

CP # _____ SHIPPED VIA FED EX SUBMITTED TO QUANTEM

CLIENT # _____ SHIPPER # _____ T/A TIME 3 HOURS

PROJECT ARMY RESERVE BLDG

ADDRESS 655 WESTMINSTER DR PASADENA, CA

RUSH 01-0700 Linda

FIELD #	MATERIAL TYPE	AREA	GRID	BUILDING	FLOOR	HEIGHT	SQUARE FOOTAGE	SAMPLE TYPE (PAINT, SOIL, DUST)	# LAYERS	COMPONENT	SUBSTRATE	CONDITION (0,3,5)	ACTIVITY (0,3,5)	EXPOSED AREA (0,1)	PERCENT LEAD	CODE	LEAD EPA 6010	LEAD EPA 7420
09	WIPE SAMPLE (LEAD)	OFFICE 207 EAST END		655	2			D		BOX. TOP								X
10		"								FILE CABNET TOP								
11		"								DESK TOP								
12		CENTER								BOOK CASE TOP								
13		EAST								PARTION TOP								
14		CENTER								"								
15		WEST								"								
16		"								MONITOR TOP								
17		WEST STORAGE								BOX TOP								
18		" "								FILE CABINET TOP								

RELINQUISEHED BY _____ PRINT HOWARD RARA DATE 1.6.99

RECEIVED BY _____ PRINT RICHARD PETTS DATE 01-0700 09:30

RECEIVED BY _____ PRINT _____ DATE _____

ALTEC TESTING AND ENGINEERING, INC. CHAIN OF CUSTODY (COC) LEAD BULK

CLIENT NAME _____ SAMPLED BY HB DATE 1.6.99 CONTAINER _____

CP # _____ SHIPPED VIA FED EX SUBMITTED TO QUANTUM

CLIENT # _____ SHIPPER # _____ T/A TIME 24 HOURS

PROJECT ARMY RES. BLDG

ADDRESS 655 WESTMINSTER DR PASADENA, CA

RUSH 01-0700 Today

FIELD #	MATERIAL TYPE	AREA	GRID	BUILDING	FLOOR	HEIGHT	SQUARE FOOTAGE	SAMPLE TYPE (PAINT, SOIL DUST)	# LAYERS	COMPONENT	SUBSTRATE	CONDITION (0,3,5)	ACTIVITY (0,3,5)	EXPOSED AREA (0,1,4)	PERCENT LEAD	CODE	LEAD EPA 8010	LEAD EPA 7420
19	WIPE SAMPLE (LEAD)	OFFICE 207 EAST END		655	2			D		EXPOSED PAPER WORK								X
20	" "	" " CENTER		"	"			"		" "								"

RELINQUISEHED BY [signature] PRINT HOWARD BABA DATE 1.6.99

RECEIVED BY BPelts PRINT BRANDY PELTS DATE 01-0700 @0930

RECEIVED BY _____ PRINT _____ DATE _____

[redacted] AL[redacted]EC TESTING AND ENGINEERING, [redacted] CHAIN OF CUSTODY (COC) LEAD BULK 4484

CLIENT NAME US ARMY RESERVE
CP #
CLIENT #
PROJECT DESIDERIO BLDG
ADDRESS 655 WESTMINSTER DR PASADENA, CA

SAMPLED BY HB DATE 1-20.00
SHIPPED VIA FED EX
SHIPPER # 0001CG84116 (1-9)

CONTAINER
SUBMITTED TO QUANTEM
T/A TIME 24 HOURS

FIELD #	MATERIAL TYPE	AREA	GRID	BUILDING	FLOOR	HEIGHT	SQUARE FOOTAGE	SAMPLE TYPE (PAINT, SOIL DUST)	# LAYERS	COMPONENT	SUBSTRATE	CONDITION (0,3,5)	ACTIVITY (0,3,5)	EXPOSED AREA (0,1,4)	PERCENT LEAD	CODE	LEAD EPA 6010	LEAD EPA 7420
1 CL-1	LEAD WIPE SAMPLE	2ND FL - OLD METAL WALL AREA (207)		655	2	0	1	D	1	FLOOR	VFT							X
2 CL-2		2ND FL - OLD PANEL AREA (207)			2	0	1		1		VFT							
3 CL-3		2ND FL - CORRIDOR WEST END			2	0	1		1		VFT							
4 CL-4		1ST FL - CENTER OF WAREHOUSE			1	0	1		1		CONCRETE							
5 CL-5		1ST FL - LOBBY			1	0	1		1		VFT							
6 CL-6		1ST FL - CORRIDOR EAST END			1	0	1		1		VFT							

CD/CI, added by Linda 1-21-00 KB

RELINQUISEHED BY [signature] PRINT HOWARD BABA DATE 1-20-00
RECEIVED BY Richard Bishop PRINT Richard Bishop DATE 1-21-00
RECEIVED BY PRINT DATE

PAGE 1 OF 1

ALTEC TESTING AND ENGINEERING, [illegible]. CHAIN OF CUSTODY (COC) LEAD BULK

A[illegible]4

CLIENT NAME US ARMY RESERVE
CP #
CLIENT #
PROJECT DESIDERIO BLDG
ADDRESS 655 WESTMINSTER DR
PASADENA, CA

SAMPLED BY JY DATE 1.13.00
SHIPPED VIA FED FX
SHIPPER # 0001C984116

CONTAINER
SUBMITTED TO QUANTEM
T/A TIME 24 HOURS

	FIELD #	MATERIAL TYPE	AREA	GRID	BUILDING	FLOOR	HEIGHT	SQUARE FOOTAGE	SAMPLE TYPE (PAINT, SOIL, DUST)	# LAYERS	COMPONENT	SUBSTRATE	CONDITION (0,3,5)	ACTIVITY (0,3,5)	EXPOSED AREA (0,1,4)	PERCENT LEAD	CODE	LEAD EPA 6010	LEAD EPA 7420
7	21	LEAD WIPE SAMPLE	WAREHOUSE - WEST END		655	1	0	1	D	–	FLOOR	CONCRETE							
8	22	∫	WAREHOUSE - CENTER		∫	∫	∫	1	D	–	∫	∫							
9	23	∫	WAREHOUSE EAST END		∫	∫	∫	1	D	–	∫	∫							

Cd, Cr added by Linton 1-21-00 RB

RELINQUISEHED BY [signature] PRINT HOWARD BABA DATE 1.20.00
RECEIVED BY Richard Bishop PRINT Richard Bishop DATE 1-21-00
RECEIVED BY PRINT DATE

PAGE 1 OF 1

ALTEC TESTING AND ENGINEERING, [redacted]. CHAIN OF CUSTODY (COC) LEAD BULK

CLIENT NAME: US ARMY RESERVE
SAMPLED BY: HB DATE: 2.8.00
CONTAINER:
CP #:
SHIPPED VIA: FED EX
SUBMITTED TO: QUANTEM
CLIENT #:
SHIPPER #:
T/A TIME: 24 HOURS
PROJECT: DESIDERIO BLDG
ADDRESS: 655 WESTMINSTER DR PASADENA, CA

	FIELD #	MATERIAL TYPE	AREA	GRID	BUILDING	FLOOR	HEIGHT	SQUARE FOOTAGE	SAMPLE TYPE (PAINT, SOIL, DUST)	# LAYERS	COMPONENT	SUBSTRATE	CONDITION (0,3,5)	ACTIVITY (0,3,5)	EXPOSED AREA (0,1,4)	PERCENT LEAD	CODE	LEAD EPA 6010	LEAD EPA 7420
1	CL-7	LEAD WIPE SAMPLE	2ND FL-PIT AREA		655	2	-	1	D	-	FLOOR	CONCRETE							X
2	CL-8	" " "	2ND FL PIT AREA		655	2	-	1	D	-	FLOOR	CONCRETE							X

RELINQUISEHED BY: [signature] PRINT: HOWARD RABA DATE: 2.8.00
RECEIVED BY: Jayne Day PRINT: Jayne Day DATE: 2-11-00 9:15
RECEIVED BY: PRINT: DATE:

PAGE 1 OF 1

ALTEC TESTING AND ENGINEERING, [redacted] CHAIN OF CUSTODY (COC) LEAD BULK

CLIENT NAME USAR
CP #
CLIENT #
PROJECT DESIDERIO BUDG
ADDRESS Rm 207

SAMPLED BY HB DATE 3/20/00
SHIPPED VIA FEDEX
SHIPPER #

CONTAINER
SUBMITTED TO QUANTEM
T/A TIME 24 HOURS

	FIELD #	MATERIAL TYPE	AREA	GRID	BUILDING	FLOOR	HEIGHT	SQUARE FOOTAGE	SAMPLE TYPE (PAINT, SOIL, DUST)	# LAYERS	COMPONENT	SUBSTRATE	CONDITION (0,3,5)	ACTIVITY (0,3,5)	EXPOSED AREA (0,1,4)	PERCENT LEAD	CODE	LEAD EPA 8010	LEAD EPA 7420	NIOSH 9100
1	207 FCL 01	WIPE SAMPLE	RM 207 - EAST END - FLOOR TILE			2	0	1 SQFT	D	—	FL TILE	VINYL	0	5	4					X
2	02	"	RM 207 - CENTER FL. TILE			2	0	"	D	—	"	"	"	"	"					X
3	03	"	RM 207 - WEST END - FL TILE			2	0	"	D	—	"	"	"	"	"					X
4	04	"	RM 207 HVAC CENTER GRILL			2	8'	"	D	—	HVAC GRILL	METAL	"	"	"					X

RELINQUISEHED BY [signature] PRINT HOWARD BABA DATE 3-20-00
RECEIVED BY Jaclyn Day PRINT Jaclyn Day DATE 3-21-00 4:00
RECEIVED BY PRINT DATE

PAGE 1 OF 1

PAS
PERFORMANCE ABATEMENT SERVICES
OF CALIFORNIA, INC.

1270 Hancock Street, Anaheim, CA 92807
Telephone: 714-701-9141 Fax: 714-701-9168

CLOSE OUT DOCUMENTATION

PREPARED FOR

PASADENA USARC
655 WEST MINSTER DRIVE
PASADENA, CA 90660

FOR LEAD PROJECT

ARMY RESERVE
655 WEST MINSTER DRIVE
"GUN RANGE ROOM"

PASC PROJECT NO.: 9972

Performance By PROFORMANCE Professionals

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Material Safety Data Sheets ----------Section 8

Equipment Data Sheets---------- Section 9

PAS
PERFORMANCE ABATEMENT SERVICES
OF CALIFORNIA, INC.

1270 Hancock Street, Anaheim, CA 92807
Telephone: 714-701-9141 Fax: 714-701-9168

CERTIFIED STATEMENT

The undersigned, Performance Abatement Services of California, Inc., a licensed California Contractor, has completed the removal of asbestos containing material from **ARMY RESERVE,** (The Project). In connection with such work, the undersigned hereby certifies to **PASADENA USARC** (The Owner) as follows:

1. South Coast Air Quality Management District, and/or Division of Occupational Safety and Health Association were notified of the project by filing of the Notification of Demolition and/or Renovation. (**Lead Project, not required to notify**)

2. The project was conducted on **01/10/00** with EPA, CAL/OSHA and AQMD guidelines and regulations, including systems, personnel protection and decontamination of worker, air monitoring, work area decontamination and disposal.

3. All employee's have completed all necessary training, acknowledgment procedures, as further evidenced by the Workers Training Acknowledgment forms executed by the employees.

4. Each employee was examined prior to the commencement of the project and each employee was found to be in good health, as evidenced by the copies of their medical exams.

5. The material (**paint chips**) was double bagged, labeled and disposed according to State and Federal Regulations.

6. Personal air monitoring and air clearance was performed by a third party (see attached in each project and results attached hereto).

Certified Statement Prepared

By: Jeff Huddleston
JEFF HUDDLESTON

On: 03/06/00
DATE PREPARED

Performance By PROFORMANCE Professionals

State of California

Department of Industrial Relations

DIVISION OF OCCUPATIONAL SAFETY AND HEALTH

Certificate of Registration for Asbestos-related Work

Certificate No. 105

Expiration Date 13-Jun-00

PERFORMANCE ABATEMENT SERVICES OF CALIFORNIA, INC.

(Name of Employer)

is duly registered by the Division of Occupational Safety and Health in accordance with the California Administrative Code, Title 8, Article 2.5 for asbestos-related work.

11-Jun-99
Date Of Issuance

Chief, Division of Occupational Safety and Health

Effective Date 14-Jun-99

Contractor's License No. 620404

This registration is valid only when the following requirements and conditions are met:

1. The registered employer shall safely perform asbestos-related work in compliance with relevant occupational safety and health regulations.
2. The registered employer shall notify the Division of changes in work locations or conditions as specified by Section 341.9 of Title 8 of the California Administrative Code.
3. The registered employer shall post a sign readable at 20 feet at the location of any asbestos-related work stating:

   Danger-Asbestos
   Cancer and Lung Hazard
   Authorized Personnel Only

4. A copy of the registration shall be posted at the jobsite beside the Cal-OSHA poster.
5. The registered employer shall provide a copy of this registration certificate to the prime contractor and any other employers at the site before the commencement of any asbestos-related work.
6. The registered employer shall conduct a safety conference prior to the commencement of any asbestos-related work as specified by Section 341.11 of Title 8 of the California Administrative Code.
7. The registered employer acknowledges the Division's right to revoke or suspend this registration as provided by Section 341.14 of title 8 of the California Administrative Code.

State of California
Department of
Consumer Affairs

State of California
CONTRACTORS STATE LICENSE BOARD
ACTIVE LICENSE

License Number **620404** Entity **CORP**

Business Name **PERFORMANCE ABATEMENT SERVICES OF CALIFORNIA INC**

Classification(s) **B ASB**

Expiration Date **05/31/2001**

CSLB

State of California

Contractors State License Board

Pursuant to Chapter 9 of Division 3 of the Business and Professions Code
and the Rules and Regulations of the Contractors State License Board,
the Registrar of Contractors does hereby issue this license to:

PERFORMANCE ABATEMENT SERVICES OF
CALIFORNIA INC

to engage in the business or act in the capacity of a contractor
in the following classification(s):

B - GENERAL BUILDING CONTRACTOR
ASB - ASBESTOS

Witness my hand and seal this day,
June 12, 1991

Issued May 21, 1991

State of California
Department of
Consumer
Affairs

Signature of Licensee

Signature of License Qualifier

David R Phillips

Registrar of Contractors

620404

License Number

This license is the property of the Registrar of Contractors, is not transferable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason. It becomes void if not renewed

STATE OF CALIFORNIA
STATE AND CONSUMER SERVICES AGENCY CONTRACTORS STATE LICENSE BOARD
DEPARTMENT OF
Consumer Affairs

Building Quality

ASBESTOS CERTIFICATION

Pursuant to the provisions of Section 7058.5 of the Business and Professions Code, the Registrar of Contractors does hereby certify that the following qualifying person has successfully completed the asbestos certification examination:

Qualifier: Peter John Rossi

License No.: 620404

Namestyle: Performance Abatement Services of California, Inc.

REGISTRAR OF CONTRACTORS

WITNESS my hand and official seal this
21st day of May, 1991

Registrar of Contractors

This certification is the property of the Registrar of Contractors. Is not transferable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason.

13L-38 (7/88)

A5780

PAS
PERFORMANCE
ABATEMENT SERVICES

NOTIFICATIONS

LEAD PROJECT ONLY.

DO NOT NEED TO NOTIFY
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
AND / OR
DIVISION OF OCCUPATIONAL SAFETY AND HEALTH

Performance By
PROFORMANCE
Professionals

PAS
PERFORMANCE ABATEMENT SERVICES
OF CALIFORNIA, INC.

PERSONNEL RECORD
LEAD JOB

JOB NAME: ARMY RESERVE
JOB LOCATION: 755 W. MINSTER DR., PASADENA
PASC JOB NO: 9972

EMPLOYEE Last, First	SOCIAL SECURITY	TRAINING CERT. (Exp. Date)	MEDICAL RELEASE (Exp. Date)	FIT TEST (Exp. Date)	JOB TITLE (Supervisor/Workers)
1) Agüero, Roberto	615-09-7902	Ld: 09/29/00	Bld:12/22/99 Med: 05/07/00	07/10/00	
2) Contreras, Rafael	615-16-9210	Ld: 09/29/00	Bld: 07/03/00 Med: 05/07/00	07/10/00	
3) Cuevas, Marcos	548-19-3179	Ld: 12/20/99	Bld: 05/06/00 Med: 06/03/00	07/10/00	
4) Miranda, Jose	621-20-7031	Ld: 07/13/00	Bld: 07/12/00 Med: 11/05/00	07/10/00	
5) Najarro, Rovidio	611-52-8265	Ld: 03/24/00	Bld: 07/12/00 Med: 03/18/00	07/10/00	
6) Nunez, Armando	606-01-2035	Ld: 01/01/00	Bld: 12/23/99 Med: 09/22/00	07/12/00	
7) Velasquez, Francisco	605-09-2627	Ld: 05/13/00	Bld: 07/03/00 Med: 06/08/00	07/10/00	

CERTIFICATE NUMBER
20560

Certificate of Attendance

This is to Certify that

ROBERTO AGUERO SS # 615-09-7902

Has Completed the Course of

8 HR LEAD AWARENESS COURSE
(COMPLIES WITH 2 CFR 1926.62)

John Daly		Armando Ducoing
INSTRUCTOR		DIRECTOR
OCTOBER 07, 1999	E10079999LAC	OCTOBER 07, 2000
COMPLETION DATE	CLASS NUMBER / STARTING DATE	CERTIFICATE EXPIRES

Ecologics Training Institute

550 N. Parkcenter Drive, Suite 102 . Santa An A 92705 . Ph. (714) 480-0111 . Fax (714) 480-0222

Donald Whorton, M.D.

September 28, 1999

Tom Gutierrez
Asbestos Workers Local 5
670 E. Foothill Blvd., Suite 3
Azusa, CA 91702-2628

RE: Roberto Aguero
615-09-7902

Dear Mr. Gutierrez:

The above named employee has completed an examination through the Western States Maintenance Employee Medical Program. The date and location of the examination are indicated below.

Location:	Irwindale Industrial Medical Clinic - Irwindale
Date of Exam:	9/16/99

On the basis of the medical history, physical examination, and lung function studies this employee has no restrictions for use of a respirator or other personal protective equipment. This employee has no restrictions for work as an insulator or asbestos abatement worker.

This clearance is limited to assignments with contractors in the Western States Contractors Association (WICA). The trust office is required to keep copies of this clearance and provide them to contractors if necessary. This examination completes all medical monitoring requirements for asbestos exposed workers as mandated by the State of California, Title 8 California code of Regulations 5208 and 1529 (asbestos) and 5144 (respiratory protective equipment) and federal asbestos regulation, Title 29 Code of Federal Regulations 1910.1001 (asbestos) and 1910.134 (respiratory protective equipment). All examination results are stored in this office.

Sincerely,

M. Donald Whorton, M.D.
Medical Consultant

MDW:ts

M. Donald Whorton, M.D., Inc.
1320 Harbor Bay Parkway • Suite 115• Alameda • California 94502
Telephone 510-748-5760 Facsimile 510-521-0618

CareStation Medical Group
2382 Crenshaw Blvd., #5, Torrance, CA 90501
(310) 618-9200, 542-6982 • Fax (310) 618-1241

PHYSICAL EXAM STATUS REPORT

Date: 12-22-99 Time In: 2:42p Time Out: 3:11p

Patient Name: Aguero Roberto

Employer: PCI

☑ Acceptable for employment - Pending test results.

Test results reviewed by: J Deutsch MD 12-27-99
Physician Date

☑ Acceptable for employment.
☐ Drug screen **PASSED**.
☐ Drug screen **FAILED**.
☐ Abnormality found which:
  ☐ May affect performance of duties.
  ☐ Will not affect performance of duties.
  ☐ Recommend further testing.
☐ Other / Comments: _____

M.D. Signature

PHYSICAL EXAMS:
☐ Annual/Executive
☐ D.O.T./DMV
☐ Pre-Employment
☐ Respirator Certification
☐ Drug Screen
☐ Mantoux
☑ Other: Lead Level

T.B. Testing: ☐ Negative ☐ Positive

Administered By Date

Read By Date

Chest X-Ray Date

Ralph Cox, Jr., M.D.
James Deutsch, M.D.
Andrew Lesser, M.D.
Marlene Lopez, M.D.
Tonja Mundwiller, M.D.
Jeffrey Tipton, D.O., MPH
Deborah Towle, M.D.
Donald Weinstein, M.D.

Medical Institute of Little Company of Mary

IIA	10-14	Many children (not a large proportion of children) with blood lead levels in this range should trigger community-wide childhood lead poisoning prevention activities. Children in this range need to be rescreened more frequently.
IIB	15-19	A child in Class IIB should receive nutritional and educational intervention and more frequent screening. If the blood level persists in this range, environmental investigation and intervention should be done.
III	20-44	A child in Class III should receive environmental evaluation and remediation and a medical evaluation. Such a child may need pharmacologic treatment of lead poisoning.
IV	45-69	A child in Class IV will need both medical and environmental interventions, including chelation therapy.
V	70 or more	A child with Class V lead poisoning is a medical emergency. Medical and environmental management must begin immediately.

Source: Center for Disease Control, "Preventing Lead Poisoning in Young Children," October 199[illegible]

PAS
PERFORMANCE ABATEMENT SERVICES
OF CALIFORNIA, INC.

RESPIRATORY FIT TEST RECORD

NAME Roberto Aguero DATE 1-10-00

SSN# 615-09-7902 PROJECT / JOB NUMBER 87- 9972

TITLE/QUALIFICATION/TEST CONDUCTOR FOREMAN - COMPETENT PERSON – MARIO CUEVAS

TEST TYPE: ISOMAL ACETATE _____ IRRITANT SMOKE X OTHER _____

RESPIRATOR DATA: MANUFACTURER: NORTH

MODEL / TC#: 7783 / TC-23C-210 / 7700S

SIZE: SM (MD) LG

TEST RESULTS:

ORDER THRESHOLD TEST: PASS

+/- PRESSURE TEST: PASS

FIT TEST: PASS

COMMENTS: (EXAMPLE: LIST HERE ATEMPTS, SIZES, THAT DID NOT PASS 1ST FIT TEST)

ONE ATTEMPT PASS

COMPETENT PERSONS SIGNATURE: Mario Cuevas

DISTRIBUTION: BRANCH JOB FILE AND JOBSITE BINDER

Performance By PROFORMANCE Professionals

Rafael A. Contreras

Worker

W-3023 (Exp. 9/29/2000)

State of California
Department of Health Services
Lead-Related Construction
Interim Certificate

Conditions of Interim Certification

This individual meets the requirements of the State of California, Department of Health Services (DHS), to perform lead-related construction. Interim certification may be suspended or revoked by DHS for:

1. any false statement in the application (for interim certification);
2. violations of relevant local, state or federal statutes or regulations;
3. misrepresentation, failure to disclose relevant facts, fraud, or issuance by mistake; or
4. failure to comply with any relevant regulation or order of the Department.

This interim certificate was issued by the Department of Health Services as authorized by 17 CCR 35001 et seq. This interim certificate is non-transferable. To verify authenticity call (800) 597-LEAD.

WESTERN MEDICAL CENTER/SANTA ANA
1001 N. TUSTIN AVE., SANTA ANA, CA 92705 (714) 953-3355

PATHOLOGISTS:
H. KIM, M.D. K SHEIBANI, M.D. R.M. STROUP, M.D.

PATIENT: CONTRERAS, RAFAEL
I.D #: L529762 / 112357RC
D.O.B.: 11/23/1957
PHYSICIAN: SUNRISE/ANAHEIM *

REPORT DATE: 01/06/00 06:06
PAGE: 1

LOCATION: REF

DATE & TIME DRAWN	TEST	RESULT	REFERENCE RANGE	UNITS
	PERFORMED BY :	SMITHKLINE BERCHEM LABORATORIES		
		7600 TYRONE AVE, VAN NUYS, CA 91405		
	LABORATORY DIRECTOR:	P S NOGE MD PHD		
01/03/00 21:00	LEAD, BLOOD	23 /1	-	MCG/DL
	COLL SAMPLE	VENOUS	-	
	SPECIMEN NO.	TB7452568	-	

DUE TO THE POSSIBILITY OF LEAD CONTAMINATION OF THE SKIN, IT IS RECOMMENDED THAT ANY ELEVATED LEAD LEVEL COLLECTED BY SKIN PUNCTURE BE CONFIRMED BY A BLOOD SAMPLE COLLECTED BY VENIPUNCTURE.

REFERENCE RANGE:
CHILDREN (LESS THAN 6 YEARS OF AGE):

CDC CLASS*	BLOOD LEAD CONCENTRATION (MCG/DL)
I	LESS THAN OR EQUAL TO 9
IIA	10-14
IIB	15-19
III	20-44
IV	45-69
V	GREATER THAN OR EQUAL TO 70

*REFER TO CURRENT CDC GUIDELINES FOR COMMENTS AND INTERVENTIONS RECOMMENDED FOR EACH CLASS.

ADULTS AND CHILDREN (6 YEARS OF AGE OR OLDER):
LESS THAN 25 MCG/DL

CLINICAL LABORATORY

A

AIRPORT URGENT CARE

Laborers' National Health and Welfare Fund
Attention: Henry J. Moreschi, Administrator
905 16th Street N.W.
Washington, D.C. 20006-1765

Re : Rafael Contreras
Social Security # : 615-16-9210
Date of Exam : 05/07/99

1-03-00 Performance

Dear Mr. Moreschi:

The physical examination required by OSHA Construction Standard 29CFR 1926.58 including appendices D, E, and I has been completed for the above named person.

The employer has provided the following:
1. A copy of the the applicable OSHA Standard Appendices.
2. A description of the affected employee's duties as they are related to the employee's exposures.
3. The employee's representative exposure level or expected exposure level.
4. A description of any personal protective and respiratory equipment used or to be used.

The results of the exam are as follows:

Pulmonary Function Test (FVC/FEV-1): ✓ Pass ___ Fail
Xray: Posterior-anterior Chest: ✓ Pass ___ Fail

✓ 1. Healthy, medically cleared to wear respirator and do work in asbestos abatement.
___ 2. Minor medical abnormality, medically cleared to wear respirator and do work in asbestos abatement.
___ 3. Cleared for powered air purifying respirator only.
___ 4. Medical abnormality, needs further testing. NOT cleared for work.
___ 5. Medical work restriction. NOT cleared for work.

This physical examination was completed in compliance with 29CFR 1926.58 including applicable appendices as well as Cal/OSHA requirements T8 Ch4 1529.

I have informed the above employee of the results of the medical examination and of any medical conditions resulting from asbestos exposure that requires further explanation or treatment. The employee has additionally been informed of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

Marc L. Dash, M.D.

Los Angeles Airport Urgent Care
1117 West Manchester Boulevard, Inglewood, CA 90301
(310) 216-7100
FAX: (310) 216-7751

PAS®
PERFORMANCE ABATEMENT SERVICES
OF CALIFORNIA, INC.

1270 Hancock Street, Anaheim, CA 92807
Telephone: 714-701-9141 Fax: 714-701-9168

RESPIRATORY FIT TEST RECORD

NAME Rafael Contreras DATE 1/10/00

SSN# 615-16-9210 PROJECT / JOB NUMBER 87-9972

TITLE/QUALIFICATION/TEST CONDUCTOR FOREMAN - COMPETENT PERSON

TEST TYPE: ISOMAL ACETATE _____ IRRITANT SMOKE X OTHER _____

RESPIRATOR DATA: MANUFACTURER: NORTH

MODEL / TC#: 7783 / TC-23C-210 / 7700S

SIZE: SM MD (LG)

TEST RESULTS:

ORDER THRESHOLD TEST: PASS

+/- PRESSURE TEST: PASS

FIT TEST: PASS

COMMENTS: (EXAMPLE: LIST HERE ATEMPTS, SIZES, THAT DID NOT PASS 1ST FIT TEST)

ONE ATTEMPT PASS

COMPETENT PERSON: Marcos Cuevas

WORKER'S SIGNATURE: Rafael Contreras

DISTRIBUTION: BRANCH JOB FILE AND JOBSITE BINDER

Performance By PROFORMANCE Professionals

01PA97010

Certificate Of Completion

Marcos Cuevas

Has attended and satisfactorily passed an examination covering the contents of the course entitled:

Lead Continuing Education General

NATEC INTERNATIONAL

Certificate Number: **LCEG122198004N**
Course Director: **John Vreeland**
Director: John Vreeland

Course Completetion Date: **12/21/98**
CalOSHA Expiration Date: **12/20/99**
Teacher: **John Vreeland**

This course satisfies the continuing education requirements of the California Department of Health Services
** Possession of this certificate does not constitute DHS State Certification*

NATEC International, Inc.
7441 Anaconda Ave., Garden Grove, CA 92841
714/894-7577 800/969-3228
http://www.natecintl.com
email: nubia@natecintl.com

001417

CareStation Medical Group
2382 Crenshaw Blvd., #5, Torrance, CA 90501
(310) 618-9200, 542-6982 • Fax (310) 618-1241

PHYSICAL EXAM STATUS REPORT

Date: 11-6-99 Time In: 2:29 Time Out: 2:30

Patient Name: Cuevas Marco

Employer: PSI

☐ Acceptable for employment ☐ Pending test results.

Test results reviewed by: JDeutschBS 11-11-99
Physician Date

☒ Acceptable for employment.
☐ Drug screen **PASSED**.
☐ Drug screen **FAILED**.
☐ Abnormality found which:
  ☐ May affect performance of duties.
  ☐ Will not affect performance of duties.
  ☐ Recommend further testing.
☐ Other / Comments: _____

M.D. Signature

PHYSICAL EXAMS:
☐ Annual/Executive
☐ D.O.T./DMV
☐ Pre-Employment
☐ Respirator Certification
☐ Drug Screen
☐ Mantoux
☒ Other: Lead Level

T.B. Testing: ☐ Negative ☐ Positive

Administered By Date

Read By Date

Chest X-Ray Date

Ralph Cox, Jr., M.D.
James Deutsch, M.D.
Andrew Lesser, M.D.
Marlene Lopez, M.D.
Tonja Mundwiller, M.D.
Jeffrey Tipton, D.O., MPH
Deborah Towle, M.D.
Donald Weinstein, M.D.
Medical Institute of Little Company of Mary

IIA	10-14	Many childr… children) w… range shoul… childhood l… activities. to be recor…
IIB	15-19	A child in… nutritional… and more fr… blood level… environment… vention sho…
III	20-44	A child in… vironmental… and a medic… may need ph… poisoning.
IV	45-69	A child in… cal and env… cluding che…
V	70 or more	A child wit… medical eme… mental mana…

Source: Center for Disease Cont… Poisoning in Young Chil…

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…viron-
…diately.

…atober …

Donald Whorton, M.D.

June 11, 1999

Tom Gutierrez
Asbestos Workers Local 5
670 E. Foothill Blvd., Suite 3
Azusa, CA 91702-2628

RE: Marcos Cuevas
548-19-3179

Dear Mr. Gutierrez:

The above named employee has completed an examination through the Western States Maintenance Employee Medical Program. The date and location of the examination are indicated below.

Location:	Irwindale Industrial Medical Clinic - Irwindale
Date of Exam:	6/3/99

On the basis of the medical history, physical examination, and lung function studies this employee has no restrictions for use of a respirator or other personal protective equipment. This employee has no restrictions for work as an insulator or asbestos abatement worker.

This clearance is limited to assignments with contractors in the Western States Contractors Association (WICA). The trust office is required to keep copies of this clearance and provide them to contractors if necessary. This examination completes all medical monitoring requirements for asbestos exposed workers as mandated by the State of California, Title 8 California code of Regulations 5208 and 1529 (asbestos) and 5144 (respiratory protective equipment) and federal asbestos regulation, Title 29 Code of Federal Regulations 1910.1001 (asbestos) and 1910.134 (respiratory protective equipment). All examination results are stored in this office.

Sincerely,

D Whorton MD

M. Donald Whorton, M.D.
Medical Consultant

MDW:ts

M. Donald Whorton, M.D., Inc.
1320 Harbor Bay Parkway • Suite 115• Alameda • California 94502
Telephone 510-748-5760 Facsimile 510-521-0515

Donald Whorton, M.D.

June 21, 1999

Tom Gutierrez
Asbestos Workers Local 5
670 E. Foothill Blvd., Suite 3
Azusa, CA 91702-2628

Dear Mr. Gutierrez:

On 6/3/99, Marcos Cuevas (548-19-3179) had a three view chest x-ray examination as a part of the Western States Maintenance Employee Medical Program. On the basis of his age and years in the trade, he should have a one view chest x-ray examination in 2000.

I have informed the above employee of the results of his/her medical examination and of any medical conditions resulting from asbestos exposure that requires further explanation or treatment. The employee has additionally been informed of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

Sincerely,

M. Donald Whorton, M.D.
Medical Consultant

MDW:ts

M. Donald Whorton, M.D., Inc.
1320 Harbor Bay Parkway • Suite 115• Alameda • California 94502
Telephone 510-748-5760 Facsimile 510-521-0515

PAS
PERFORMANCE ABATEMENT SERVICES
OF CALIFORNIA, INC.

1270 Hancock Street, Anaheim, CA 92807
Telephone: 714-701-9141 Fax: 714-701-9168

RESPIRATORY FIT TEST RECORD

NAME Marcos Cuevas DATE 1-10-00

SSN# 548-19-3179 PROJECT / JOB NUMBER 9972

TITLE/QUALIFICATION/TEST CONDUCTOR FOREMAN - COMPETENT PERSON – MARIO CUEVAS

TEST TYPE: ISOMAL ACETATE _____ IRRITANT SMOKE X OTHER _____

RESPIRATOR DATA: MANUFACTURER: NORTH

MODEL / TC#: 7783 / TC-23C-210 / 7700S

SIZE: SM MD (LG)

TEST RESULTS:

ORDER THRESHOLD TEST: PASS

+/- PRESSURE TEST: PASS

FIT TEST: PASS

COMMENTS: (EXAMPLE: LIST HERE ATEMPTS, SIZES, THAT DID NOT PASS 1ST FIT TEST)

ONE ATTEMPT PASS

FOREMAN / COMPETENT PERSON SIGNATURE: Mario Cuevas

WORKER'S SIGNATURE: Marcos Cuevas

DISTRIBUTION: BRANCH JOB FILE AND JOBSITE BINDER

Performance by PROFORMANCE Professionals

State of California
Department of Health Services
Lead-Related Construction Certificate

Jose J. Miranda
Worker
W-5698 (Exp. 07/13/00)
Duplicate

FAXED 1-10-00
Performance

Conditions of Certification

This individual meets the requirements of the State of California, Department of Health Services (DHS), to perform lead-related construction. Certification may be suspended or revoked by DHS for:

1. any false statement in the application (for certification);
2. violations of relevant local, state or federal statutes or regulations;
3. misrepresentation, failure to disclose relevant facts, fraud, or issuance by mistake; or
4. failure to comply with any relevant regulation or order of the Department.

This certificate was issued by the Department of Health Services as authorized by 17 CCR 35001 et seq. This certificate is non-transferable. To verify authenticity call (800) 597-LEAD.

WESTERN MEDICAL CENTER/SANTA ANA
1001 N. TUSTIN AVE., SANTA ANA, CA 92705 (714) 953-3365

PATHOLOGISTS:
H. KIM, M.D. K. SHEIBANI, M.D. R.M. STROUP, M

PATIENT: MEDINA, JOSE
I.D.#: L532035 / 11464JM
D.O.B.: 11/04/1964
PHYSICIAN: SUNRISE/ANAHEIM *

REPORT DATE: 01/17/00 05:48
PAGE: 1

LOCATION: REF

DATE & TIME DRAWN	TEST	RESULT	REFERENCE RANGE	UNITS
THE FOLLOWING TESTS PERFORMED BY :		SMITHKLINE BEECHAM LABORATORIES 7600 TYRONE AVE, VAN NUYS, CA 91405		
	LABORATORY DIRECTOR:	P S NOCE MD PHD		
01/12/00 21:00	LEAD, BLOOD	<3 /1	-	MCG/DL
	COLL SAMPLE	'VENOUS	-	
	SPECIMEN NO.	TB760826A	-	

/1 DUE TO THE POSSIBILITY OF LEAD CONTAMINATION OF THE SKIN, IT IS RECOMMENDED THAT ANY ELEVATED LEAD LEVEL COLLECTED BY SKIN PUNCTURE BE CONFIRMED BY A BLOOD SAMPLE COLLECTED BY VENIPUNCTURE.

REFERENCE RANGE:

CHILDREN (LESS THAN 6 YEARS OF AGE):

CDC CLASS*	BLOOD LEAD CONCENTRATION (MCG/DL)
I	LESS THAN OR EQUAL TO 9
IIA	10-14
IIB	15-19
III	20-44
IV	45-69
V	GREATER THAN OR EQUAL TO 70

*REFER TO CURRENT CDC GUIDELINES FOR COMMENTS AND INTERVENTIONS RECOMMENDED FOR EACH CLASS.

ADULTS AND CHILDREN (6 YEARS OF AGE OR OLDER):
LESS THAN 25 MCG/DL

AIRPORT URGENT CARE

Laborers' National Health and Welfare Fund
Attention: Henry J. Moreschi, Administrator
905 16th Street N.W.
Washington, D.C. 20006-1765

Re : Jose Miranda
Social Security # : 621-20-7031
Date of Exam : 02/22/999

FAXED 11-8-99

Performance

Dear Mr. Moreschi:

The physical examination required by OSHA Construction Standard 29CFR 1926.58 including appendices D, E, and I has been completed for the above named person.

The employer has provided the following:
1. A copy of the the applicable OSHA Standard Appendices.
2. A description of the affected employee's duties as they are related to the employee's exposures.
3. The employee's representative exposure level or expected exposure level.
4. A description of any personal protective and respiratory equipment used or to be used.

The results of the exam are as follows:

Pulmonary Function Test (FVC/FEV-1): ✓ Pass ___ Fail
Xray: Posterior-anterior Chest: ✓ Pass ___ Fail

✓ 1. Healthy, medically cleared to wear respirator and do work in asbestos abatement.
___ 2. Minor medical abnormality, medically cleared to wear respirator and do work in asbestos abatement.
___ 3. Cleared for powered air purifying respirator only.
___ 4. Medical abnormality, needs further testing. NOT cleared for work.
___ 5. Medical work restriction. NOT cleared for work.

This physical examination was completed in compliance with 29CFR 1926.58 including applicable appendices as well as Cal/OSHA requirements T8 Ch4 1529.

I have informed the above employee of the results of the medical examination and of any medical conditions resulting from asbestos exposure that requires further explanation or treatment. The employee has additionally been informed of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

Marc L. Dash, M.D.

Los Angeles Airport Urgent Care, Inc.
1117 West Manchester Boulevard, Inglewood, CA 90301
(310) 216-7100
FAX: (310) 216-7751

PAS
PERFORMANCE ABATEMENT SERVICES
OF CALIFORNIA, INC.

RESPIRATORY FIT TEST RECORD

NAME Jose Miranda DATE 1-10-00

SSN# 621-20-7031 PROJECT / JOB NUMBER 87-9972

TITLE/QUALIFICATION/TEST CONDUCTOR FOREMAN - COMPETENT PERSON – MARIO CUEVAS

TEST TYPE: ISOMAL ACETATE _____ IRRITANT SMOKE X OTHER _____

RESPIRATOR DATA: MANUFACTURER: NORTH

MODEL / TC#: 7783 / TC-23C-210 / 7700S

SIZE: SM (MD) LG

TEST RESULTS:

ORDER THRESHOLD TEST: PASS

+/- PRESSURE TEST: PASS

FIT TEST: PASS

COMMENTS: (EXAMPLE: LIST HERE ATEMPTS, SIZES, THAT DID NOT PASS 1ST FIT TEST)

ONE ATTEMPT PASS

COMPETENT PERSONS SIGNATURE: Mario Cuevas

DISTRIBUTION: BRANCH JOB FILE AND JOBSITE BINDER

Rovidio Najarro

Worker
W-2563 (Exp: 3/24/2000)

State of California
Department of Health Services
Lead-Related Construction
Interim Certificate

FAXED
RSXFORMANCE
4-20-99

Conditions of Interim Certification

This individual meets the requirements of the State of California, Department of Health Services (DHS), to perform lead-related construction. Interim certification may be suspended or revoked by DHS for:

1. any false statement in the application (for interim certification);
2. violations of relevant local, state or federal statutes or regulations;
3. misrepresentation, failure to disclose relevant facts, fraud, or issuance by mistake; or
4. failure to comply with any relevant regulation or order of the Department.

This interim certificate was issued by the Department of Health Services as authorized by 17 CCR 35001 et seq. This interim certificate is non-transferable. To verify authenticity call (800) 597-LEAD.

WESTERN MEDICAL CENTER/SANTA ANA
1001 N. TUSTIN AVE., SANTA ANA, CA 92705 (714) 953-3365

PATHOLOGISTS:
H. KIM, M.D. K. SHEIBANI, M.D. R.M. STROUP, M

PATIENT: ROVIDIO NAJARRO, ADALY
I.D.#: L532034 / 611528265
D.O.B.: 06/20/1964
PHYSICIAN: SUNRISE/ANAHEIM *

REPORT DATE: 01/17/00 05:48
PAGE: 1

LOCATION: REF

DATE & TIME DRAWN	TEST	RESULT	REFERENCE RANGE	UNITS
THE FOLLOWING TESTS PERFORMED BY :	SMITHKLINE BEECHAM LABORATORIES 7600 TYRONE AVE, VAN NUYS, CA 91405			
	LABORATORY DIRECTOR: P S NOCE MD PHD			
01/12/00 08:10	LEAD, BLOOD	3. /1	-	MCG/DL
	COLL SAMPLE	'VENOUS	-	
	SPECIMEN NO.	TB760825A	-	

/1 DUE TO THE POSSIBILITY OF LEAD CONTAMINATION OF THE SKIN, IT IS RECOMMENDED THAT ANY ELEVATED LEAD LEVEL COLLECTED BY SKIN PUNCTURE BE CONFIRMED BY A BLOOD SAMPLE COLLECTED BY VENIPUNCTURE.

REFERENCE RANGE:
CHILDREN (LESS THAN 6 YEARS OF AGE):

CDC CLASS*	BLOOD LEAD CONCENTRATION (MCG/DL)
I	LESS THAN OR EQUAL TO 9
IIA	10-14
IIB	15-19
III	20-44
IV	45-69
V	GREATER THAN OR EQUAL TO 70

*REFER TO CURRENT CDC GUIDELINES FOR COMMENTS AND INTERVENTIONS RECOMMENDED FOR EACH CLASS.

ADULTS AND CHILDREN (6 YEARS OF AGE OR OLDER):
LESS THAN 25 MCG/DL

AIRPORT URGENT CARE

Laborers' National Health and Welfare Fund
Attention: Henry J. Moreschi, Administrator
905 16th Street N.W.
Washington, D.C. 20006-1765

Re : Rovidio Najaro
Social Security # : 611-52-8265
Date of Exam : 03/18/99

FAXED 4-5-99

Dear Mr. Moreschi:

Performance

The physical examination required by OSHA Construction Standard 29CFR 1926.58 including appendices D, E, and I has been completed for the above named person.

The employer has provided the following:
1. A copy of the the applicable OSHA Standard Appendices.
2. A description of the affected employee's duties as they are related to the employee's exposures.
3. The employee's representative exposure level or expected exposure level.
4. A description of any personal protective and respiratory equipment used or to be used.

The results of the exam are as follows:

Pulmonary Function Test (FVC/FEV-1): ✓ Pass ___Fail
Xray: Posterior-anterior Chest: ___Pass ___Fail

✓ 1. Healthy, medically cleared to wear respirator and do work in asbestos abatement.
___2. Minor medical abnormality, medically cleared to wear respirator and do work in asbestos abatement.
___3. Cleared for powered air purifying respirator only.
___4. Medical abnormality, needs further testing. NOT cleared for work.
___5. Medical work restriction. NOT cleared for work.

This physical examination was completed in compliance with 29CFR 1926.58 including applicable appendices as well as Cal/OSHA requirements T8 Ch4 1529.

I have informed the above employee of the results of the medical examination and of any medical conditions resulting from asbestos exposure that requires further explanation or treatment. The employee has additionally been informed of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

Marc L. Dash, M.D.

Los Angeles Airport Urgent Care
1117 West Manchester Boulevard, Inglewood, CA 90301
(310) 216-7100
FAX: (310) 216-7751

PAS®
PERFORMANCE ABATEMENT SERVICES
OF CALIFORNIA, INC.

1270 Hancock Street, Anaheim, CA 92807
Telephone: 714-701-9141 Fax: 714-701-9168

RESPIRATORY FIT TEST RECORD

NAME ROVIDIO NAJARRO DATE 1-10-00

SSN# 611-52-8265 PROJECT / JOB NUMBER 9972.

TITLE/QUALIFICATION/TEST CONDUCTOR **FOREMAN - COMPETENT PERSON – MARTIN CUEVAS**

TEST TYPE: ISOMAL ACETATE _____ IRRITANT SMOKE X OTHER _____

RESPIRATOR DATA: MANUFACTURER: NORTH

MODEL / TC#: 7783 / TC-23C-210 / 7700S

SIZE: SM (MD) LG

TEST RESULTS:

ORDER THRESHOLD TEST: PASS

+/- PRESSURE TEST: PASS

FIT TEST: PASS

COMMENTS: (EXAMPLE: LIST HERE ATEMPTS, SIZES, THAT DID NOT PASS 1ST FIT TEST)

ONE ATTEMPT PASS

FOREMAN / COMPETENT PERSON SIGNATURE Martin A. Cuevas

WORKER'S SIGNATURE: R Tomas

DISTRIBUTION: BRANCH JOB FILE AND JOBSITE BINDER

Performance by PROFORMANCE Professionals

ASBESTOS WORKERS ABATEMENT TRAINING PROGRAM
OF
SOUTHERN CALIFORNIA

670 E. FOOTHILL BLVD.# 3 AZUSA, CA 91702
626-334-6884

This is to certify that **Armando Nunez** SSI # **606-01-2035**

PCI/PASC

has completed & passed the **40 hr. Course** for the Environmental Protection Agency which meets all ASHARA requirements for the **Asbestos Abatement Contractor Supervisor Course** from **09/27/99** to **10/01/99**

Certificate expires on **10/01/00**

10/11/99

Tom L. Gutierrez
JAC Administrator & Training Director
for the AWATP Facility for Local 5

Please call (626) 334-6884
*to verify if the Training certificate is **authentic!***

SC **00162**

CareStation Medical Group
2382 Crenshaw Blvd., #5, Torrance, CA 90501
(310) 618-9200, 542-6982 • Fax (310) 618-1241

PHYSICAL EXAM STATUS REPORT

Date: 12-23-99 Time In: 12:34 Time Out: 3:45pm

Patient Name: Nunez, Armando

Employer: PCT

☐ Acceptable for employment - Pending test results.

Test results reviewed by JDeutsch 12-29-99
Physician Date

☒ Acceptable for employment.
☐ Drug screen **PASSED**.
☐ Drug screen **FAILED**.
☐ Abnormality found which:
  ☐ May affect performance of duties.
  ☐ Will not affect performance of duties.
  ☐ Recommend further testing.
☐ Other / Comments: _____

M.D. Signature

PHYSICAL EXAMS:
☐ Annual/Executive
☐ D.O.T./DMV
☐ Pre-Employment
☐ Respirator Certification
☐ Drug Screen
☐ Mantoux
☒ Other: ~~Blood Lead~~ Lead Level

T.B. Testing: ☐ Negative ☐ Positive

Administered By Date

Read By Date

Chest X-Ray Date

Ralph Cox, Jr., M.D.
James Deutsch, M.D.
Andrew Lesser, M.D.
Marlene Lopez, M.D.
Tonja Mundwiller, M.D.
Jeffrey Tipton, D.O., MPH
Deborah Towle, M.D.
Donald Weinstein, M.D.

Medical Institute of Little Company of Mary

IIA	10-14	Many children (or a large proportion of children) with blood lead levels in this range should trigger community-wide childhood lead poisoning prevention activities. Children in this range need to be rescreened more frequently.
IIB	15-19	A child in Class IIB should receive nutritional and educational intervention and more frequent screening. If the blood level persists in this range, environmental investigation and intervention should be done.
III	20-44	A child in Class III should receive environmental evaluation and remediation and a medical evaluation. Such a child may need pharmacologic treatment of lead poisoning.
IV	45-69	A child in Class IV will need both medical and environmental interventions, including chelation therapy.
V	70 or more	A child with Class V lead poisoning is a medical emergency. Medical and environmental management must begin immediately.

Source: Center for Disease Control, Preventing Lead Poisoning in Young Children, October 1991.

Joint Apprenticeship/Maintenance and Abatement Programs
Asbestos Workers Local 5

CERTIFICATION OF EXAMINATION, X-RAY AND/BLOOD TESTS RECOMMENDATION FOR RESPIRATOR USE

This certifies that:

Name: ARMANDO NUNEZ

Social Security Number: 606-01-2035

has completed:

- [X] physical exam, complete medical history and spirometry
- [ ] one view chest x-ray
- [ ] three view chest x-ray
- [ ] blood lead, ZPP, CBC

On the basis of this examination, the following are preliminary recommendations for respirator use, pending outcome of all outstanding tests. (Final respirator clearance will be made by M. Donald Wharton, MD, and will be sent to the union representative.)

- [X] This employee is cleared for respirator use.
- [ ] This employee's medical approval for respirator use is pending further physician review.
- [ ] This employee is NOT cleared for respirator use.
- [ ] This employee is cleared for a powered respirator only.
- [ ] Other restrictions (e.g. corrective lenses). List _____
- [ ] This employee is cleared for work with lead.

This also certifies that I have informed the above employee of the results of his/her medical examination and of any medical conditions resulting from asbestos exposure that requires further explanation or treatment. The employee has additionally been informed of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

Date of Medical Examination: 9/22/99

Signature of Examining Physician: _____ PA-C

Clinic Name and Address: ORANGE MEDICAL CENTER
2110 E. KATELLA AVE.
ANAHEIM, CA 92806
PHONE (714) 937-1919

Cert.doc 9/97

PAS
PERFORMANCE ABATEMENT SERVICES
OF CALIFORNIA, INC.

1270 Hancock Street, Anaheim, CA 92807
Telephone: 714-701-9141 Fax: 714-701-9168

RESPIRATORY FIT TEST RECORD

NAME Armando Nunez DATE 1/12/00

SSN# 606-01-2035 PROJECT / JOB NUMBER 87-9972

TITLE/QUALIFICATION/TEST CONDUCTOR FOREMAN - COMPETENT PERSON

TEST TYPE: ISOMAL ACETATE _____ IRRITANT SMOKE X OTHER _____

RESPIRATOR DATA: MANUFACTURER: NORTH

MODEL / TC#: 7783 / TC-23C-210 / 7700S

SIZE: SM MD ~~LG~~

TEST RESULTS:

ORDER THRESHOLD TEST: PASS

+/- PRESSURE TEST: PASS

FIT TEST: PASS

COMMENTS: (EXAMPLE: LIST HERE ATEMPTS, SIZES, THAT DID NOT PASS 1ST FIT TEST)

ONE ATTEMPT PASS

COMPETENT PERSON: Marcos Cuevas

WORKER'S SIGNATURE: Armando Nunez

DISTRIBUTION: BRANCH JOB FILE AND JOBSITE BINDER

Francisco Velazquez

Worker W-4205 (Exp. 3/13/2000)

State of California
Department of Health Services
Lead-Related Construction
Interim Certificate

Conditions of Interim Certification

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2. violations of relevant local, state or federal statutes or regulations;
3. misrepresentation, failure to disclose relevant facts, fraud, or issuance by mistake; or
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1-03-00 performance

WESTERN MEDICAL CENTER/SANTA ANA
N. TUSTIN AVE., SANTA ANA, CA 92705 (714) 953-3065

PATIENT: VELASQUEZ, FRANCISCO
I.D #: L529771 / 605092622
D.O.B: 01/04/1956
PHYSICIAN: SUNRISE/ANAHEIM *

PATHOLOGISTS:
H. KIM, M.D K. SHEIBANI, M.D R.M. STROUP, M.D.
REPORT DATE: 01/06/00 06:06
PAGE: 1

LOCATION REF

DATE & TIME DRAWN	TEST	RESULT	REFERENCE RANGE	UNITS
	PERFORMED BY :	SMITHKLINE BEECHAM LABORATORIES 7600 TYRONE AVE, VAN NUYS, CA 91405		
	LABORATORY DIRECTOR:	P.S. NOCE MD PHD		
01/03/00 18:00	LEAD, BLOOD	3		MCG/DL
	COLL SAMPLE	VENOUS		
	SPECIMEN NO.	TB745257A		

DUE TO THE POSSIBILITY OF LEAD CONTAMINATION OF THE SKIN, IT IS RECOMMENDED THAT ANY ELEVATED LEAD LEVEL COLLECTED BY SKIN PUNCTURE BE CONFIRMED BY A BLOOD SAMPLE COLLECTED BY VENIPUNCTURE.

REFERENCE RANGE

CHILDREN (LESS THAN 6 YEARS OF AGE)
BLOOD LEAD CONCENTRATION (MCG/DL)

CDC CLASS*	
I	LESS THAN OR EQUAL TO 9
IIA	10-14
IIB	15-19
III	20-44
IV	45-69
V	GREATER THAN OR EQUAL TO 70

*REFER TO CURRENT CDC GUIDELINES FOR COMMENTS AND INTERVENTIONS RECOMMENDED FOR EACH CLASS.

ADULTS AND CHILDREN (6 YEARS OF AGE OR OLDER):
LESS THAN 25 MCG/DL

A

AIRPORT URGENT CARE

Laborers' National Health and Welfare Fund
Attention: Henry J. Moreschi, Administrator
905 16th Street N.W.
Washington, D.C. 20006-1765

Re : Francisco Velasquez
Social Security # : 605-09-2622
Date of Exam : 06/08/99

1-03-00 Performance

Dear Mr. Moreschi:

The physical examination required by OSHA Construction Standard 29CFR 1926.58 including appendices D, E, and I has been completed for the above named person.

The employer has provided the following:
1. A copy of the the applicable OSHA Standard Appendices.
2. A description of the affected employee's duties as they are related to the employee's exposures.
3. The employee's representative exposure level or expected exposure level.
4. A description of any personal protective and respiratory equipment used or to be used.

The results of the exam are as follows:

Pulmonary Function Test (FVC/FEV-1): ✓ Pass ___ Fail
Xray: Posterior-anterior Chest: ___ Pass ___ Fail

✓ 1. Healthy, medically cleared to wear respirator and do work in asbestos abatement.
___ 2. Minor medical abnormality, medically cleared to wear respirator and do work in asbestos abatement.
___ 3. Cleared for powered air purifying respirator only.
___ 4. Medical abnormality, needs further testing. NOT cleared for work.
___ 5. Medical work restriction. NOT cleared for work.

This physical examination was completed in compliance with 29CFR 1926.58 including applicable appendices as well as Cal/OSHA requirements T8 Ch4 1529.

I have informed the above employee of the results of the medical examination and of any medical conditions resulting from asbestos exposure that requires further explanation or treatment. The employee has additionally been informed of the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

Marc L. Dash, M.D.

PAS
PERFORMANCE ABATEMENT SERVICES
OF CALIFORNIA, INC.

1270 Hancock Street, Anaheim, CA 92807
Telephone: 714-701-9141 Fax: 714-701-9168

RESPIRATORY FIT TEST RECORD

NAME Francisco Velasquez DATE 1/10/00

SSN# 605-09-2622 PROJECT / JOB NUMBER 87-9972

TITLE/QUALIFICATION/TEST CONDUCTOR FOREMAN - COMPETENT PERSON

TEST TYPE: ISOMAL ACETATE _____ IRRITANT SMOKE X OTHER _____

RESPIRATOR DATA: MANUFACTURER: NORTH

MODEL / TC#: 7783 / TC-23C-210 / 7700S

SIZE: SM (MD) LG

TEST RESULTS:

ORDER THRESHOLD TEST: PASS

+/- PRESSURE TEST: PASS

FIT TEST: PASS

COMMENTS: (EXAMPLE: LIST HERE ATEMPTS, SIZES, THAT DID NOT PASS 1ST FIT TEST)

ONE ATTEMPT PASS

COMPETENT PERSON: Marcos Cuevas

WORKER'S SIGNATURE: [signature]

DISTRIBUTION: BRANCH JOB FILE AND JOBSITE BINDER

Performance By PROFORMANCE Professionals

PAS PERFORMANCE ABATEMENT SERVICES OF CALIFORNIA, INC.

DAILY SIGN-IN SHEET

1270 Hancock Street, Anaheim, CA 92807
Telephone: 714-701-9141 Fax: 714-701-9168

JOB NAME Army Reserve JOB # 87-9972

	DATE	NAME	S.S.#	TIME IN AM / PM	TIME OUT AM / PM
1	1/10/00	Marcos Cuevas	548-19-3179	7:00AM	3:30PM
2		Rovidio Najarro	611528265		
3		Jose M Miranda	621207031		
4		Norberto R Perez	619-76-7077		
5		Roberto Aguero	615-09-7902		
6		José R. Comparán	610-18-4379		
7		Francisco Velasquez	605-09-2622		
8		Rafael Contreras	615-169210		
9					
10					
11					
12					
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14					
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17					
18					
19					

Performance By PROFORMANCE Professionals

01PA97010

PAS
PERFORMANCE ABATEMENT SERVICES CALIFORNIA, INC.

DAILY LOG

PROJECT NAME: Army Reserve JOB # 87-9972

WEATHER CONDITIONS: ~~HOT / COLD / RAIN / CLOUDY~~ DATE: 1/10/90

SAFETY MEETING: 7:00AM TO 7:10AM # IN ATTENDANCE: 8

CREW: 7
FOREMAN: 1
ABSENT: 0

EXPECTED CREW SIZE: 8
ACTUAL CREW SIZE: 8
PAGE 1 OF 2

OBSTRUNCTIONS TO PASC PROGRESS:

DAILY LOG - AM / PM

7:00AM On site, held safety meeting. Met with Pat, Howard, Jay with Altec, Jeff and Mario PASC, went over project and walked work areas.
We will wet wipe walls and floors in entire bldg.. Remove sound panels, dismantle metal plates and wet wipe furniture and entire room (207).

Had crew mobolize equipment and material to second floor cleared area for decon, set up decon and disposed of trash.

9:30AM Begun wet wipe in clean room and started wet wipeing furnuture.

11:00AM Lunch

11:45AM Back from lunch continue wet wiping the furnuture.

FOREMAN Marcos HYGIENIST Pat Jay Howard (Altec) OWNER Army Reserve

PAS
PERFORMANCE
ABATEMENT SERVICES
OF CALIFORNIA, INC.

PROJECT: Army Reserve

JOB #: 87- 9972
DATE: 1/10/00

DAILY LOG (continued) Page of

3:30PM off site.
Furniture clean up about 75%.

EXTRA WORK DESCRIPTION	AUTHORIZED BY	PRICE

PAS
ERFORMANCE
BATEMENT SERVICES
F CALIFORNIA, INC.

CONTAINMENT AREA ENTRY LOG

DATE 1/10/00

JOB NAME Army Reserve

JOB # 87-9972

AREA NAME Gun Range room

AREA # 207

All personnel entering the containment area must sign this log and indicate the date and time of entering and exiting the containment area. By signing below, each person is acknowledging the following:

1. He/She is familiar with PASC safety and work rules.
2. He/She is familiar with entry and exit decontamination procedures.
3. Respiratory protective equipment has been checked & working properly.
4. Proper full body protective clothing has been done and secured.
5. He/She has been trained and is curently a certified asbestos worker.
6. He/She has has a physical checkup within the last 12 months.
7. He/She understands the dangers of asbestos exposure.

	NAME	SS #	IN	OUT	IN	OUT	IN	OUT	IN	OUT
1	Rodolfo Navarro	611528265	AM 9:30	AM 11:00	PM 12:00	PM 3:30				
2	Jose M Miranda	621207031								
3	Rafael Contreras	615-16 9210								
4	Robert Higuera	615-09 7902								
5	Francisco Velasquez	605-09-2622								
6	Marcos Cuevas	548-19-3179								
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										

PAS
PERFORMANCE
ABATEMENT SERVICES

Safety Meeting Report

1270 Hancock Street, Anaheim, California 92807
Telephone: 714-701-9141 Fax: 714-701-9168

Date 1/10/00

Branch Name: Anaheim Job # 87-9972

Meeting Conducted By: Marcos Cuevas

Subjects Discussed: Proper liftting techniques, proper PPE..

Persons in attendance:

Rovidio Mayarro
Jose M Miranda
Norberto Perez
Roberto Agrero
José R. Comparán
Francisco Velasquez
Rafael Contreras

Duration of Meeting 7:00AM To 7:10AM

Performance By PROFORMANCE Professionals

Contractor License No. 620404
DOSH Cert. No. 105

01PA95010

WEEKLY SAFETY MEETING

FOR THE CONSTRUCTION INDUSTRY

© SAFETY MEETING OUTLINES Vol. 23 No. 2 Week of 1/10/2000

Company Name PASC Job Name Army Reserve Date 1/10/00

(Ladder Safety — Watch Your Step!)

LA SEGURIDAD EN LAS ESCALERAS DE MANO — ¡CUIDADO DONDE PISA!

Las utilizamos todo el tiempo: las escaleras de tijera, escaleras comunes, y escaleras de extensión. Antes de que utilice cualquiera de las escaleras de mano, usted necesita inspeccionarla cuidadosamente. Si encuentra que la escalera de mano está en malas condiciones, **no** la utilice. Busque si tiene alguna de las siguientes fallas:

- Peldaños o listones sueltos;
- Clavos, pernos, o tornillos sueltos;
- Peldaños, listones o largueros que estén agrietados, rotos, partidos, golpeados, o muy desgastados;
- Travesaños que estén rotos o que falten en las escaleras de tijera;
- Corrosión en las partes metálicas.

Tenga cuidado al colocar las escaleras de mano sobre una superficie. Cuando abra una escalera de extensión, la base de la escalera debe estar a un pie de distancia de la estructura de soporte por cada cuatro pies de altura entre la base y el punto en donde la escalera descansa sobre la estructura de soporte. Si la distancia en la base es menor a un cuarto de la altura, la escalera se ladeará en forma tan inclinada que no se podrá hacer el trabajo con comodidad o con seguridad. Recuerde que la OSHA requiere que las patas de todas las escaleras de extensión tengan zapatas antiderrapantes.

Colóquese siempre de cara a la escalera de mano ya sea que esté subiendo o bajando de ella. Mantenga ambas manos libres para que pueda agarrarse con firmeza de los largueros o de los peldaños. Evite cargar artículos pesados o inadecuados al subir o bajar y utilice mejor una cuerda de mano, un cinturón para herramientas, o una cubeta para cargar materiales.

Cuando utilice una escalera de mano recuerde seguir las siguientes reglas de precaución:

- Nunca utilice una escalera de tijera como escalera común;
- Nunca utilice una escalera de tijera a menos que esté completamente extendida con los travesaños completamente abiertos y fijos.
- Las escaleras de tijera no deben utilizarse en superficies inclinadas a menos que la escalera esté detenida por alguien o que esté sujetada con seguridad de otra manera.
- Debe evitarse colocar escaleras de tijera cerca de puertas, particularmente cuando la puerta se abra hacia la escalera.
- Nunca se pare sobre ninguno de los dos últimos peldaños de hasta arriba en una escalera de tijera.

Las caídas de las escaleras de mano pueden ser mortales. Vaya a la segura, revísela antes de subirse en ella. Para mayor información sobre la seguridad con las escaleras de mano, lea las etiquetas de advertencia e instrucciones que están sobre la escalera. Usted puede consultar también el Reglamento 29 CFR 1926.1050 – 1060 de la OSHA.

SAFETY REMINDER

Cuando su vida depende de una escalera de mano, asegúrese que puede confiar en ella.

Special Topics For Your Project Proper liftting techniques, prope PPE.

Employee Safety Recommendations

Reviewed MSDS # 1-C Subject Air Flow Indicator Tubes

Meeting Attended By

Revedeo Navarro
Jose M Miranda
Norberto Perez
Roberto Agrero
José R. Comparon
Francisco Velasquez
Rafael Contreras

Supervisor's Signature Marcos Cuevas

These instructions do not supersede local, state, or federal regulations.

PAS
PERFORMANCE ABATEMENT SERVICES
OF CALIFORNIA, INC.

DAILY SIGN-IN SHEET

1270 Hancock Street, Anaheim, CA 92807
Telephone: 714-701-9141 Fax: 714-701-9168

JOB NAME Army Reserve JOB # 87-9972

	DATE	NAME	S.S.#	TIME IN AM/PM	TIME OUT AM/PM
1	1/11/00	José R. Comparán	610-18-4379	7:00AM	3:30PM
2		Rovidio Najabo	611 5284 65		
3		Roberto Aguero	615-09-7902		
4		Rafael Contreras	615-16 9210		
5		Francisco Velasquez	605-09-2622		
6		Jose M Miranda	621207031		
7		Marcos Cuevas	548-19-3179		
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Performance By PROFORMANCE Professionals

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PAS
ERFORMANCE
SATEMENT SERVICES
F CALIFORNIA, INC.

DAILY LOG

PROJECT NAME: Army Reserve JOB # 87-9972

WEATHER CONDITIONS: HOT (COLD) RAIN / CLOUDY DATE: 1/11/00

SAFETY MEETING: 7:00AM TO 7:10AM # IN ATTENDANCE: 7

CREW: 6
FOREMAN: 1
ABSENT: 0

EXPECTED CREW SIZE: 7
ACTUAL CREW SIZE: 7
PAGE 1 OF 2

OBSTRUNCTIONS TO PASC PROGRESS:

DAILY LOG - AM / PM

7:00AM All men on site, held safety meeting. Mario on site with material, mobolized it to second floor. set up neg airs.

7:30AM Begun wet wiping corridor and offices in second floor.
Mario will bring steamcleaner later on today to cleanup partition walls and chairs, requested by Altec.
Howard tells me that we have to wet wipe furniture in offices plus computers and other equipment. I ran it by Mario, said; to do it.

11:00AM Lunch

11:45 AM Back from lunch continue wet wiping -

1:00PM Mario arraived with steam cleaners had crew steam clean partition walls and chairs...

FOREMAN Marcos HYGIENIST Howard (Altec) OWNER Army
Jay

PERFORMANCE ABATEMENT SERVICES OF CALIFORNIA, INC.

PROJECT: Army Reserve

JOB #: 87-9972
DATE: 1/11/00

DAILY LOG (continued) Page of

... One guy finishing up wet wiping floor in corridor. All offices are done.
Two guys removing metal plates by torching. will need, to cut them in sections to be able to carrie them out.

3:30PM off site.
Steam cleaning complet.
Metal plate removal about 80% done

EXTRA WORK DESCRIPTION	AUTHORIZED BY	PRICE
–		–

PAS
ERFORMANCE
BATEMENT SERVICES
F CALIFORNIA, INC.

CONTAINMENT AREA ENTRY LOG

DATE 1/11/99 JOB NAME Army Reserve

JOB # 87-9972 AREA NAME Gun range room

AREA # 207

All personnel entering the containment area must sign this log and indicate the date and time of entering and exiting the containment area. By signing below, each person is acknowledging the following:

1. He/She is familiar with PASC safety and work rules.
2. He/She is familiar with entry and exit decontamination procedures.
3. Respiratory protective equipment has been checked & working properly.
4. Proper full body protective clothing has been done and secured.
5. He/She has been trained and is curently a certified asbestos worker.
6. He/She has has a physical checkup within the last 12 months.
7. He/She understands the dangers of asbestos exposure.

	NAME	SS #	IN	OUT	IN	OUT	IN	OUT	IN	OUT
1	Rolando Mharro	611528265	PM 1:00	PM 3:30						
2	Alberto Aguero	615-09-7902								
3	Rafael Contreras	615-169210								
4	Francisco Velasquez	605-09-2622								
5	Jose M Miranda	621207091								
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PAS
PERFORMANCE
ABATEMENT SERVICES

Safety Meeting Report

1270 Hancock Street, Anaheim, California 92807
Telephone: 714-701-9141 Fax: 714-701-9168

Date 1/11/00

Branch Name: Anaheim Job # 87-9972

Meeting Conducted By: Marcos Cuevas

Subjects Discussed: Good Housekeeping, sharp edges.

Persons in attendance:

José R. Campanón
Bovidio Majarro
Roberto Higuero
Rafael Contreras
Francisco Velasquez
Jose M Miranda

Duration of Meeting 7:00 AM To 7:10AM

Contractor License No. 620404
DOSH Cert. No. 105

Performance By PROFORMANCE Professionals

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PAS
PERFORMANCE
ABATEMENT SERVICES
1270 Hancock Street, Anaheim, California 92807
Telephone: 714-701-9141 Fax: 714-701-9168

NEGATIVE AIR LOG

JOB NAME: Army Reserve
JOB NO.: 87-9972
WORK AREA: 207
PAGE NO. 1 OF 1

INSPECTORS SIGNATURE: Marcos Cuevas

INSPECTORS NAME: Marcos Cuevas
(PLEASE PRINT)

DATE: 1/11/00

NEGATIVE AIR LOG

MACHINE NUMBER	MAG READING	FILTERS	HOURS	COMMENTS	EXHAUST YES	TUBING NO	FUNCTIONING COMMENTS
7199	2.0	1st & 2nd	8:00AM	New Filters	✓		OK
(3)	↓	↓	↓	↓	↓		↓
All Above	2.0	1st & 2nd	2:00PM	Replaced Filters	✓		OK

FOREMAN'S COMMENT: _____

PAS PERFORMANCE ABATEMENT SERVICES OF CALIFORNIA, INC.

DAILY SIGN-IN SHEET

1270 Hancock Street, Anaheim, CA 92807
Telephone: 714-701-9141 Fax: 714-701-9168

JOB NAME Army Reserve JOB # 87-9972

	DATE	NAME	S.S.#	TIME IN AM/PM	TIME OUT AM/PM
1	1-12-00	Roberto Agüero	615-09-7902	7:00AM	3:30PM
2	1-	Armando NUÑEZ	606-01-2035		
3		Francisco Velasquez	605-09-2622		
4		Rafael Contreras	615-169210		
5		ROVIDIO NAJARRO	611528265		
6		Jose M Miranda	621207031		
7		José R. Comparán	610-18-4379		
8		Marcos Cuevas	548.19.3179		
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Performance By PROFORMANCE Professionals

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PAS
PERFORMANCE
ABATEMENT SERVICES
OF CALIFORNIA, INC.

DAILY LOG

PROJECT NAME: Army Reserve JOB # 87- 9972

WEATHER CONDITIONS: HOT / ~~COLD~~ / ~~RAIN~~ / CLOUDY DATE: 1/12/00

SAFETY MEETING: 7:00AM TO 7:10AM # IN ATTENDANCE: 8

CREW: 7
FOREMAN: 1
ABSENT: 0

EXPECTED CREW SIZE: 10
ACTUAL CREW SIZE: 8
PAGE 1 OF _____

OBSTRUNCTIONS TO PASC PROGRESS:

DAILY LOG - AM / PM

7:00AM On site, safety meeting. only one new guy out of three, showed up.
Had two men in room 207 east end, torching metal plates.
Other men continue preping floor, inside 207 west end, for; sound panels demo.

8:45AM Part of crew begun removing panels and transporting metal panels to dumpster.

11:00AM Lunch

11:45AM Back from lunch men continue there tasks
Started removing sound panels on ceiling. It comes off in small chunks, called Mario on this: will bring a compresor and air tools out tomorrow first thing. To remove bonding material.
Men continue removing panels on wall.

FOREMAN Marcos HYGIENIST Jay (Altec) OWNER Army Howard

PERFORMANCE ABATEMENT SERVICES OF CALIFORNIA, INC.

PROJECT: Army Reserve

JOB #: 87-9972
DATE: 1/12/00

DAILY LOG (continued) Page of

Ran out of oxigen so we will continue torche cutting metal plates tomorow, had guys da a quick clean up in this area.

3:00PM Pulled men out of containment to do clean up in hallways.

3:30PM off site, sound panels off wall need to remove ceiling panels.

EXTRA WORK DESCRIPTION	AUTHORIZED BY	PRICE

PAS
PERFORMANCE
ABATEMENT SERVICES
OF CALIFORNIA, INC.

CONTAINMENT AREA ENTRY LOG

DATE 1/12/00

JOB NAME Army Reserve

JOB # 87-9972

AREA NAME Gun range room

AREA # 207

All personnel entering the containment area must sign this log and indicate the date and time of entering and exiting the containment area. By signing below, each person is acknowledging the following:

1. He/She is familiar with PASC safety and work rules.
2. He/She is familiar with entry and exit decontamination procedures.
3. Respiratory protective equipment has been checked & working properly.
4. Proper full body protective clothing has been done and secured.
5. He/She has been trained and is curently a certified asbestos worker.
6. He/She has has a physical checkup within the last 12 months.
7. He/She understands the dangers of asbestos exposure.

	NAME	SS #	IN	OUT	IN	OUT	IN	OUT	IN	OUT
1	Roberto Agrero	615-09-7902	AM 8:45	AM 11:00	PM 12:00	PM 1:00				
2	Francisco Velasquez	605-09-2622	AM 8:45	AM 11:00	PM 12:00	PM 2:00				
3	Rafael Contreras	615-16 9210								
4	Rodolfo Navarro	611528265	AM 8:45	AM 11:00	PM 12:00	PM 3:00				
5	Jose M Miranda	621207037	8:45	AM 11:00	PM 12:00	PM 3:00				
6	Marcos Cuevas	548-19-3179								
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Safety Meeting Report

PAS PERFORMANCE ABATEMENT SERVICES
1270 Hancock Street, Anaheim, California 92807
Telephone: 714-701-9141 Fax: 714-701-9168

Date 1/12/00

Branch Name: Anaheim Job # 87-9972

Meeting Conducted By: Marcos Cuevas

Subjects Discussed: Fumes and Fire hazards always be awarea of your surrondings.

Persons in attendance:

Roberto Aguero
Francisco Valdez
Rafael Contreras
Roberto Alvarado
Jose M Miranda
José R. Campos

Duration of Meeting 7:00AM To 7:10AM

PAS
PERFORMANCE
ABATEMENT SERVICES
1270 Hancock Street, Anaheim, California 92807
Telephone: 714-701-9141 Fax: 714-701-9168

NEGATIVE AIR LOG

JOB NAME: Army Reserve
JOB NO.: 87J9972
WORK AREA: 207
PAGE NO. 1 OF 1

INSPECTORS SIGNATURE: Marcos Cuevas

INSPECTORS NAME: Marcos Cuevas
(PLEASE PRINT)

DATE: 1/12/00

NEGATIVE AIR LOG

MACHINE NUMBER	MAG READING	FILTERS	HOURS	COMMENTS	EXHAUST YES	TUBING NO	FUNCTIONING COMMENTS
7199	2.0	1st & 2nd	7:30AM	Replaced filters	✓		OK
131	↓	↓		↓	↓		↓
All above	2.0	1st & 2nd	8:30AM	Replaced filters	✓		OK
			9:00AM				
			10:00AM				
			17:00PM				
↓	↓	↓	2:00PM	↓	↓		↓

FOREMAN'S COMMENT: _____

PAS PERFORMANCE ABATEMENT SERVICES OF CALIFORNIA, INC.

DAILY SIGN-IN SHEET

1270 Hancock Street, Anaheim, CA 92807
Telephone: 714-701-9141 Fax: 714-701-9168

JOB NAME Army Reserve JOB # 87-9972

	DATE	NAME	S.S.#	TIME IN AM / PM	TIME OUT AM / PM
1	1/13/00	Marcos Cuevas	548-19-3179	7:00AM	3:30PM
2		Rafael Contreras	615-16 9210		
3		Armando NUÑEZ	606-01-7035		
4		Francisco Velasquez	605-09-2622		
5		Roberto Agueso	615-09-7902		
6		José Reyes Comparán	610-18-4379		
7		jose m Miranda	621207021		
8		Reuedo NAJARRO	611528265		
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PAS
PERFORMANCE ABATEMENT SERVICES CALIFORNIA, INC.

DAILY LOG

PROJECT NAME: Army Reserve JOB # 87-9972

WEATHER CONDITIONS: HOT / (COLD) / RAIN / CLOUDY DATE: 1/13/00

SAFETY MEETING: 7:00AM TO 7:10AM # IN ATTENDANCE: 8

CREW: 7
FOREMAN: 1
ABSENT: 0

EXPECTED CREW SIZE: 8
ACTUAL CREW SIZE: 8
PAGE 1 OF

OBSTRUNCTIONS TO PASC PROGRESS:

DAILY LOG - AM / PM

7:00AM All men on site, held safety meeting. Air compresor arraived. Had men install air hoses and tools.
Begun wet wipe on 1st floor. corridor and offices.

7:45AM Men started removing panels on ceiling in room 207.

8:45AM Panels removal going slow. It will take some time to remove and detail.
Mario arraived with oxigen, men continue torch cutting metal plates.

10:45AM Lunch

11:30AM Back from lunch, men continue tasks. Pat (Altec), on site to check out bonding material on sound panel ceiling and garage...

FOREMAN Marcos HYGIENIST Jay (Altec) OWNER Army

PERFORMANCE ABATEMENT SERVICES OF CALIFORNIA, INC.

PROJECT: Army Reserve

JOB #: 87- 9972
DATE: 1/13/00

DAILY LOG (continued) Page of

... room (wet wipe). Said to wet wipe garage and continue removing panels off ceiling and to do our best on leaving a smoth surface. "We might have to come back next week to finishup project."
Monday is a holiday for Army bldg. will be closed so if needed will return on Tuesday.

3:30PM off site.

- Torch cutting about 95% done
- Panels removal off ceiling { 25% gross / 10% detail
- Wet wipe 1st floor about 80% done

EXTRA WORK DESCRIPTION	AUTHORIZED BY	PRICE

PAS
PERFORMANCE
ABATEMENT SERVICES
OF CALIFORNIA, INC.

CONTAINMENT AREA ENTRY LOG

DATE 1/13/00 JOB NAME Army Reserve

JOB # 87-9972 AREA NAME Gun Range Room

AREA # 207

All personnel entering the containment area must sign this log and indicate the date and time of entering and exiting the containment area. By signing below, each person is acknowledging the following:

1. He/She is familiar with PASC safety and work rules.
2. He/She is familiar with entry and exit decontamination procedures.
3. Respiratory protective equipment has been checked & working properly.
4. Proper full body protective clothing has been done and secured.
5. He/She has been trained and is curently a certified asbestos worker.
6. He/She has has a physical checkup within the last 12 months.
7. He/She understands the dangers of asbestos exposure.

	NAME	SS #	IN	OUT	IN	OUT	IN	OUT	IN	OUT
1	Rafael Contreras	615-16 9210								
2	Armando NUÑEZ	606-01-7035								
3	Francisco Velasquez	605-09-2622								
4	Roberto Aguero	615-09-7902	8:00	10:40	11:45	3:30				
5	Jose M Miranda	691207031	7:45	10:40	11:45	3:30				
6	Ronaldo Najera	611526265	7:45	10:40	11:45	3:30				
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PAS
PERFORMANCE
ABATEMENT SERVICES

Safety Meeting Report

1270 Hancock Street, Anaheim, California 92807
Telephone: 714-701-9141 Fax: 714-701-9168

Date 1/13/00

Branch Name: Anaheim Job # 87-9972

Meeting Conducted By: Marcos Cuevas

Subjects Discussed: Power tool safety, scaffold safety, fall hazards, trip hazards.

Persons in attendance:

Rafael Contreras
Armando Nunez
Francisco Velasquez
Robert Cejeno
José R. Comparán
Jose M Miranda
Rodolfo Najarro

Duration of Meeting 7:00AM To 7:10AM

Performance By PROFORMANCE Professionals

Contractor License No. 620404
DOSH Cert. No. 105

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PAS
PERFORMANCE
ABATEMENT SERVICES
1270 Hancock Street, Anaheim, California 92807
Telephone: 714-701-9141 Fax: 714-701-9168

NEGATIVE AIR LOG

JOB NAME: Army Reserve
JOB NO.: 87-9977
WORK AREA: 207
PAGE NO. 1 OF 1

INSPECTORS SIGNATURE: Marcos Cuevas

INSPECTORS NAME: Marcos Cuevas
(PLEASE PRINT)

DATE: 1 / 13 / 00

NEGATIVE AIR LOG

MACHINE NUMBER	MAG READING	FILTERS	HOURS	COMMENTS	EXHAUST YES	TUBING NO	FUNCTIONING COMMENTS
7199	2.0	1st & 2nd	7:30AM	Replaced filters	✓		OK
131	↓	↓	↓	↓	↓		↓
All above	2.0	1st & 2nd	9:00AM	" "	✓		OK
↓	↓	↓	12:00PM				
↓	↓	↓	2:00PM	↓	↓		↓

FOREMAN'S COMMENT: _____

Contractor License No. 620404
DOSH Cert. No. 105

Performance By PROFORMANCE Professionals

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PAS PERFORMANCE ABATEMENT SERVICES OF CALIFORNIA, INC.

DAILY SIGN-IN SHEET

1270 Hancock Street, Anaheim, CA 92807
Telephone: 714-701-9141 Fax: 714-701-9168

JOB NAME Army Reserve JOB # 87-9972

	DATE	NAME	S.S.#	TIME IN AM / PM	TIME OUT AM / PM
1	1/14/00	Marcos Cuevas	548-19-3179	7:00AM	3:30PM
2		José Reyes Comparán	610-18-4379		
3		Rovidio Najabro	611528265		
4		Roberto Aguero	615-09-7902		
5		Armando Nunez	606-01-2035		
6		Rafael Contreras	615-16-9210		
7		Francisco Velasquez	605-09-2622		
8		Jose M Miranda	621207031		
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Performance By PROFORMANCE Professionals

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PAS
PERFORMANCE ABATEMENT SERVICES OF CALIFORNIA, INC.

DAILY LOG

PROJECT NAME: Army Reserve JOB # 87-9972

WEATHER CONDITIONS: ~~HOT / COLD / RAIN / CLOUDY~~ DATE: 1/14/00

SAFETY MEETING: 7:00AM TO 7:10AM # IN ATTENDANCE: 8

CREW: 7
FOREMAN: 1
ABSENT: 0

EXPECTED CREW SIZE: 8
ACTUAL CREW SIZE: 8
PAGE 1 OF 1

OBSTRUNCTIONS TO PASC PROGRESS:
Bldg was locked till 8:10 AM

DAILY LOG - AM / PM

7:00AM On site, held safety meeting. Nobody on site to open up facility.

7:45AM Howard called Art said will come over to open bldg for us.

8:10AM Gate and bldg unlocked men went in Room 207 continue ceiling panels removal.
~~Two~~ One man continue wet wipe on first Floor. Removed remaining metal panels from East area.

11:00AM Lunch

11:45AM Back from lunch continue task
3:30PM Sound panels 80% done on gross need to detail.
1st Floor wet wipe 95% done.
Off site.

FOREMAN Marcos HYGIENIST Howard (ATEC) OWNER Army

PAS
PERFORMANCE ABATEMENT SERVICES OF CALIFORNIA, INC.

CONTAINMENT AREA ENTRY LOG

DATE 1/14/00 JOB NAME Army Reserve

JOB # 87-9972 AREA NAME Gun Range Room

AREA # 207

All personnel entering the containment area must sign this log and indicate the date and time of entering and exiting the containment area. By signing below, each person is acknowledging the following:

1. He/She is familiar with PASC safety and work rules.
2. He/She is familiar with entry and exit decontamination procedures.
3. Respiratory protective equipment has been checked & working properly.
4. Proper full body protective clothing has been done and secured.
5. He/She has been trained and is curently a certified asbestos worker.
6. He/She has has a physical checkup within the last 12 months.
7. He/She understands the dangers of asbestos exposure.

	NAME	SS #	IN	OUT	IN	OUT	IN	OUT	IN	OUT
1	[illegible]	611 52 3265	9:00 AM	11:00 AM	12:00 PM	3:15 PM				
2	Roberto Reyes	615-09-7902	↓	↓	↓	↓				
3	Rafael Cortes	615-16 9210								
4	Jose M Miranda	621207031								
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PAS
PERFORMANCE
ABATEMENT SERVICES

Safety Meeting Report

1270 Hancock Street, Anaheim, California 92807
Telephone: 714-701-9141 Fax: 714-701-9168

Date 1/14/00

Branch Name: Anaheim Job # 87-9972

Meeting Conducted By: Marcos Cuevas

Subjects Discussed: Proper liftting techniques, No horseplay

Persons in attendance:

José R. Comparán
Ruperto Vasquez
Roberto Aguero
Armando NUNEZ
Rafael Contreras
Francisco Velasquez
Jose M Miranda

Duration of Meeting 7:00AM To 7:10AM

Performance By PROFORMANCE Professionals

Contractor License No. 620404
DOSH Cert. No. 105

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PAS
PERFORMANCE
ABATEMENT SERVICES
1270 Hancock Street, Anaheim, California 92807
Telephone: 714-701-9141 Fax: 714-701-9168

NEGATIVE AIR LOG

JOB NAME: Army Reserve
JOB NO.: 87-9972
WORK AREA: 207
PAGE NO. 1 OF 1

INSPECTORS SIGNATURE: Marcos Cuevas

INSPECTORS NAME: Marcos Cuevas
(PLEASE PRINT)

DATE: 1/14/00

NEGATIVE AIR LOG

MACHINE NUMBER	MAG READING	FILTERS	HOURS	COMMENTS	EXHAUST YES	TUBING NO	FUNCTIONING COMMENTS
7199	2.0	1st & 2nd	10:30AM	Replaced filters	✓		OK
1311	↓	↓	12:30PM	↓	↓	↓	↓
↓	↓	↓	2:15PM	↓	↓	↓	↓
			3:00PM	↓	↓	↓	↓

FOREMAN'S COMMENT: _____

PAS
PERFORMANCE ABATEMENT SERVICES
OF CALIFORNIA, INC.

DAILY SIGN-IN SHEET

1270 Hancock Street, Anaheim, CA 92807
Telephone: 714-701-9141 Fax: 714-701-9168

JOB NAME Army Reserve JOB # 87-997E

	DATE	NAME	S.S.#	TIME IN AM / PM	TIME OUT AM / PM
1	1/18/00	Marcos Cuevas	548.19.3179	7:00AM	3:30PM
2		Rolando Navarro	611529265		
3		Rafael Contreras	615-16 9210		
4		Jose M miranda	621207081		
5		Roberto Aguero	615-09-7902		
6		José R. Compazán	610-18-4379		
7		Armando Nunez	606-01-2035		
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19					

Performance By PROFORMANCE Professionals

PAS
PERFORMANCE ABATEMENT SERVICES OF CALIFORNIA, INC.

DAILY LOG

PROJECT NAME: Army Reserve JOB # 87- 9972

WEATHER CONDITIONS: ~~HOT~~ / ~~COLD~~ / RAIN / CLOUDY DATE: 1/18/00

SAFETY MEETING: 7:00AM TO 7:10AM # IN ATTENDANCE: 7

CREW: 6
FOREMAN: 1
ABSENT: 1

EXPECTED CREW SIZE: 8
ACTUAL CREW SIZE: 7
PAGE 1 OF 2

OBSTRUNCTIONS TO PASC PROGRESS:

DAILY LOG - AM / PM

7:00AM On site, held safety meeting. Francisco did not show. Men suited up went in area continue removal and detail. 207 East end had guy detail and wet wipe entire area.

8:00 AM Mobolizing waste to dumpster.

9:30AM section above HVAC duct very hard to remove. Power tools dont fit well.

11:00 AM Lunch

11:45AM Back from lunch. Pat, Howard (Altec), Army personell have meeting. inside work area going over project.

12:05PM Meeating over persons out of area...

FOREMAN Marcos HYGIENIST Howard (Altec) OWNER Army

PAS
PERFORMANCE ABATEMENT SERVICES OF CALIFORNIA, INC.

JOB #: 87- 9977
PROJECT: Army Reserve DATE: 1/18/00

DAILY LOG (continued) Page of

... My crew went inside to continue detail.

3:30PM Detail about 70% having to do gross and detail above HVAC duct.

Off site.

EXTRA WORK DESCRIPTION	AUTHORIZED BY	PRICE

PAS
PERFORMANCE
ABATEMENT SERVICES

Safety Meeting Report

1270 Hancock Street, Anaheim, California 92807
Telephone: 714-701-9141 Fax: 714-701-9168

Date 1/18/00

Branch Name: Anaheim Job # 87-9972

Meeting Conducted By: Marcos Cuevas

Subjects Discussed: Rolling scaffold and ladder safety proper power tool handle.

Persons in attendance:

Rovidio Navarro
Rafael Contreras
Jose M Miranda
Roberto Aguero
Armando Nunez
José R. Comparán

Duration of Meeting 7:00AM To 7:10AM

PAS
PERFORMANCE ABATEMENT SERVICES OF CALIFORNIA, INC.

CONTAINMENT AREA ENTRY LOG

DATE 1/18/00 JOB NAME Army Reserve

JOB # 87-9972 AREA NAME Gun Range Room

AREA # 207

All personnel entering the containment area must sign this log and indicate the date and time of entering and exiting the containment area. By signing below, each person is acknowledging the following:

1. He/She is familiar with PASC safety and work rules.
2. He/She is familiar with entry and exit decontamination procedures.
3. Respiratory protective equipment has been checked & working properly.
4. Proper full body protective clothing has been done and secured.
5. He/She has been trained and is curently a certified asbestos worker.
6. He/She has has a physical checkup within the last 12 months.
7. He/She understands the dangers of asbestos exposure.

	NAME	SS #	IN	OUT	IN	OUT	IN	OUT	IN	OUT
1										
2	Rovedo Navarro	611528265	7:30 AM	11:00 AM	12:05 PM	3:30 PM				
3	Rafael Contreras	615-16-9210	↓	↓	↓	↓				
4	Jose M Miranda	691207031								
5	Roberto Aguero	615-09-7902								
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										

PAS
PERFORMANCE
ABATEMENT SERVICES
1270 Hancock Street, Anaheim, California 92807
Telephone: 714-701-9141 Fax: 714-701-9168

NEGATIVE AIR LOG

JOB NAME: Army Reserve
JOB NO.: 87-9072
WORK AREA: 207
PAGE NO. 1 OF 1

INSPECTORS SIGNATURE: Marcos Cuevas

INSPECTORS NAME: Marcos Cuevas
(PLEASE PRINT)

DATE: 1 / 18 / 00

NEGATIVE AIR LOG

MACHINE NUMBER	MAG READING	FILTERS	HOURS	COMMENTS	EXHAUST YES	TUBING NO	FUNCTIONING COMMENTS
7199	2.0	1st & 2nd	9:00 AM	Replaced filters	✓		OK
105	↓	↓	↓	↓	↓		↓
All above	" "	" "	11:30 AM	" "	"		"
↓	↓	↓	1:00 PM				
↓	↓	↓	3:00 PM	↓	↓		↓

FOREMAN'S COMMENT: _____

PAS
PERFORMANCE ABATEMENT SERVICES
OF CALIFORNIA, INC.

DAILY SIGN-IN SHEET

1270 Hancock Street, Anaheim, CA 92807
Telephone: 714-701-9141 Fax: 714-701-9168

JOB NAME Army Reserve JOB # 87-9972

	DATE	NAME	S.S.#	TIME IN AM / PM	TIME OUT AM / PM
1	1/19/00	Marcos Cuevas	548-19-3179	7:00AM	3:30PM
2		Rodrigo Navarro	611-52-8265		
3		Jose M Miranda	6912 07031		
4		Rafael Contreras	615-16 9210		
5		Robert Gin	615-09-7902		
6		José Reyes Comparán	610-18-4379		
7		Francisco Villaguiz	605-09-2622		
8		Armando Nunez	606-01-2035		
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					

Performance by PROFORMANCE Professionals

PAS
ERFORMANCE
BATEMENT SERVICES
F CALIFORNIA, INC.

DAILY LOG

PROJECT NAME: Army Reserve JOB # 87-9972

WEATHER CONDITIONS: ~~HOT / COLD / RAIN /~~ CLOUDY DATE: 1/19/00

SAFETY MEETING: 7:00AM TO 7:10AM # IN ATTENDANCE: 8

CREW: 7
FOREMAN: 1
ABSENT: 0

EXPECTED CREW SIZE: 8
ACTUAL CREW SIZE: 8
PAGE 1 OF 1

OBSTRUNCTIONS TO PASC PROGRESS:

DAILY LOG - AM / PM

7:00AM On site, held safety meeting.
Men suited up went in area continue gross and detail above HVAC duct.
Other men continue moving bags to dumpster.

11:30AM Work inside area done, all debrie bagged up. We braked for lunch

12:15PM Back from lunch Teardown containment, wet wiped area as well as room 207A placed all debrie in dumpster, moped floors.

2:45PM Demobolized, wet wiped furniture in hallways and moped floors.

3:30PM off site. Job complet

FOREMAN Marcos HYGIENIST Howard (Altec) OWNER Army

PAS
PERFORMANCE ABATEMENT SERVICES

Safety Meeting Report

1270 Hancock Street, Anaheim, California 92807
Telephone: 714-701-9141 Fax: 714-701-9168

Date 1/19/00

Branch Name: Anaheim Job # 87-9977

Meeting Conducted By: Marcos Cuevas

Subjects Discussed: Good house keeping, proper abatement techniques, trip hazards

Persons in attendance:

Roberto Amparo
Jose M Miranda
Rafael Contreras
Robert Ojeda
Jose R. Comparan
Francisco Velasquez
Armando Nunez

Duration of Meeting 7:00AM To 7:10AM

Safety Meeting Report

PAS PERFORMANCE ABATEMENT SERVICES
1270 Hancock Street, Anaheim, California 92807
Telephone: 714-701-9141 Fax: 714-701-9168

Date 1/19/00

Branch Name: Anaheim Job # 87-9977

Meeting Conducted By: Marcos Cuevas

Subjects Discussed: Good house keeping, proper abatement techniques, trip hazards

Persons in attendance:

Roberto Amparo
Jose M Miranda
Rafael Contreras
Robert Ojino
Jose' R. Comparan
Francisco Velasquez
Armando Nunez

Duration of Meeting 7:00AM To 7:10AM

SCILAB
FULL SERVICE ENVIRONMENTAL LABORATORIES

SCIENTIFIC LABORATORIES OF CALIFORNIA, INC.
24416 SOUTH MAIN STREET • SUITE 308
CARSON, CA 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

SciLab Job# 400011459

Lead Analysis Results

Air

EPA Method 3050/7420

Performance Abatement Services

Anaheim, CA

Job Site: 87-9972; Army Reserve

Date Received 01/21/2000
Date Analyzed: 01/22/2000

SciLab # 400011459	Client Number	Sample Location	Volume (m3)	Lead (µg/m3)
01	72-01-10-01	Rovidio Najarro #611-52-8265, Wet Wipe, Room# 207	0.08	<5
02	72-01-10-02	Jose Miranda #621-20-7031, Wet Wipe, Room# 207	0.23	<5
03	72-01-10-03	Rovidio Najarro #611-52-8265, Wet Wipe, Room# 207	0.15	<5
04	72-01-10-04	Rovidio Najarro #611-52-8265, Wet Wipe, Room# 207	0.53	<5
05	72-01-10-05	Jose Miranda #621-20-7031, Wet Wipe, Room #207	0.53	<5
06	72-01-11-06	Rafael Contreras #615-16-9210, Wet Wipe, 2nd Fl Corridor and Offices	0.08	<5
07	72-01-11-07	Francisco Velasquez #605-09-2622, Wet Wipe, 2nd Fl Corridor and Offices	0.49	<5
08	72-01-11-08	Rafael Contreras #615-16-9210, Wet Wipe, 2nd Fl Corridor and Offices	0.41	<5
09	72-01-11-09	Rafael Contreras #615-16-9210, Wet Wipe, 2nd Fl Corridor and Offices	0.53	<5
10	72-01-11-10	Francisco Velasquez #605-09-2622, Wet Wipe, 2nd Fl Corridor and Offices	0.53	<5
11	72-01-13-14	Rovidio Najarro #611-52-8265, Gross, Room #207	0.4	<5
12	72-01-13-15	Armando Nunez #606-01-2035, Wet Wipe, 1st Fl Corridor and Offices	0.38	<5
13	72-01-13-16	Armando Nunez #606-01-2035, Wet Wipe, 1st Fl Corridor and Offices	0.08	<5
14	72-01-13-17	Armando Nunez #606-01-2035, Wet Wipe, 1st Fl Corridor and Offices	0.49	<5
15	72-01-13-18	Field Blank	0	<5
16	72-01-18-22	Rafael Contreras #615-16-9210, Detail, Room #207	0.08	<5
17	72-01-18-23	Rafael Contreras #615-16-9210, Detail, Room #207	0.38	<5
18	72-01-18-24	Rafael Contreras #615-16-9210, Detail, Room #207	0.5	<5
19	72-01-12-11	Jose Miranda #621-20-7031, Sound Panels Removal, Room #207	0.5	7.3
20	72-01-12-12	Jose Miranda #621-20-7031, Sound Panels Removal, Room #207	0.08	110
21	72-01-12-13	Jose Miranda #621-20-7031, Sound Panels Removal, Room #207	0.38	<5
22	72-01-14-19	Rovidio Najarro #611-52-8265, Gross, Room #207	0.08	<5
23	72-01-14-20	Rovidio Najarro #611-52-8265, Gross, Room #207	0.23	<5
24	72-01-14-21	Rovidio Najarro #611-52-8265, Gross, Room #207	0.49	<5

OSHA PEL 50 ug/m3 (General Industry).
SciLab Reporting Limit is 5 ug/m3.
Cal OSHA Limit is 30 ug/m3.

Reviewed by:

Robert F. Lee, Ph.D.
Inorganic Supervisor

ELAP No:

SCILAB
FULL SERVICE ENVIRONMENTAL LABORATORIES

SCIENTIFIC LABORATORIES
OF CALIFORNIA, INC.

24416 SOUTH MAIN STREET • SUITE 308
CARSON, CA 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

SciLab Job# 400011459

Lead Analysis Results

Air
EPA Method 3050/7420

Performance Abatement Services
Anaheim, CA
Job Site: 87-9972; Army Reserve

Date Received 01/21/2000
Date Analyzed: 01/22/2000

SciLab # 400011459	Client Number	Sample Location	Volume (m3)	Lead (µg/m3)
25	72-01-19-25	Roberto Aguero #615-09-7902, Gross and Detail, Room #207	0.08	<5
26	72-01-19-26	Roberto Aguero #615-09-7902, Gross and Detail, Room #207	0.53	<5

OSHA PEL 50 ug/m3 (General Industry).
SciLab Reporting Limit is 5 ug/m3.
Cal OSHA Limit is 30 ug/m3.

Reviewed by:

Robert F. Lee, Ph.D.
Inorganic Supervisor

ELAP No:

Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12 pitch) typewriter

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No: CAZZ100904922 | Manifest Document No: 52961 | 2. Page 1 of 1

Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address
Pasadena USARC
~~355~~ 655 Westminster Drive
Pasadena, CA 90050
4. Generator's Phone (562) 795-1441

SITE SAME

A. State Manifest Document Number: 96625296
B. State Generator's ID: [redacted]
C. State Transporter's ID: A
D. Transporter's Phone: [redacted]
E. State Transporter's ID: [redacted]
F. Transporter's Phone: [redacted]
G. State Facility's ID: [redacted]
H. Facility's Phone: 562-432-5445

5. Transporter 1 Company Name: ~~BDC Special Waste Services~~ PERFORMANCE ABATEMENT
6. US EPA ID Number: CAR000012690 ~~CAR000017657~~

7. Transporter 2 Company Name: BDC Special Waste Services
8. US EPA ID Number: CAR000017657

9. Designated Facility Name and Site Address
Crosby & Overton
1630 W. 17th Street
Long Beach, CA 90813
10. US EPA ID Number: CAD062840919

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. R.Q., Hazardous waste, solid, n.o.s., (Lead), 9, NA3077, PG-III ((D008) (NAERG#171)	003	DM	00SCC	P	State ////352 EPA/Other D008
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above
Lead Paint Chips & Debris

K. Handling Codes for Wastes Listed Above
a. b. c. d.

15. Special Handling Instructions and Additional Information: 24 Hr Emergency 1-800-535-5053 profile #18642
Wear Proper Safety Equipment
TR. #1 766 South Ayon Ave., Azusa, CA 91702
TR #2 1270 Hancock St. Anaheim, CA 92807

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

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

Printed/Typed Name: HOWARD BABA (ALTEC) | Signature | Month 01 Day 20 Year 00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Marcos Cuevas | Signature | Month 01 Day 20 Year 00

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Stephany Enloe | Signature | Month 01 Day 20 Year 00

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19
Printed/Typed Name | Signature | Month | Day | Year

DO NOT WRITE BELOW THIS LINE.

GENERATOR

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER (800) 424-8802 WITHIN CALIFORNIA, CALL (800) 852-7550

DTSC 8022A (4/97)
EPA 8700-22

MATERIAL SAFETY DATA SHEETS

1. **Asbestos Bags**
2. **Polyethylene Sheeting / Bags**
3. **Duct Tape**
4. **Encapsulant**
5. **Spray Adhevise**
6. **Mastic Remove**

STEVE
P.A.S.
[illegible] 179-1168

MATERIAL SAFETY DATA SHEET

From NANCY
Co. POLY-AMERICA
Phone (800)888-7659
Fax (714)852-5129

POLY-AMERICA, INC.
2000 W. Marshall Dr.
Grand Prairie, Texas 75051

Emergency Phone: 214/647-4374

Issued: September 1990

I. IDENTIFICATION

Product:	Asbestos Bags
Chemical Family:	Polyolefin
Formula:	CH3-(CH2)n-CH3

II. INGREDIENTS

This product may contain one or more of the following: Polyethylene homopolymer or polyethylene copolymer.

Hazardous components: Not applicable

III. PHYSICAL PROPERTIES

Boiling Point:	Not applicable
Vapor Pressure:	Not applicable
Solubility in Water:	Nil
Density:	.900-.960 gm/cc
Form:	Thin solid film or sheet
Odor:	None
Volatiles:	Nil

IV. FIRE AND EXPLOSION HAZARD DATA

Autoignition Temperature:	600-650 degrees F.
Flash Point:	600-650 degrees F.
Flammable Limits:	Not applicable
Fire Fighting:	Use water to extinguish the fire and cool surfaces. Other types of extinguishers may also be used. Use NIOSH approved self-contained breathing apparatus when fighting fires in enclosed areas.
Hazards:	Static discharges can be generated. Excessive airborne dust may cause explosion.
Decomposition Products:	CO2; H2; and under lean oxygen conditions, CO

V. REACTIVITY

Stability:	Stable
Conditions to Avoid:	Temperatures over 300 degrees C. can cause degradation.
Reactive Polymerization:	Does not occur
Incompatibility:	None

VI. HEALTH

Eye:	Solid or dust may cause irritation or corneal injury due to mechanical action.
Skin Contact:	Negligible hazard
Inhalation:	Negligible hazard at ambient temperatures
Ingestion:	Minimal toxicity
Exposure Limits:	No limit established for polyethylene
First Aid:	If ingested, no known health effect. Skin contact with molten plastic should be treated with cold water before plastic is removed, then wrap in clean gauze and seek medical attention.

VII. EMPLOYEE PROTECTION

Control Measures:	None
Respiratory Protection:	None
Protective Clothing:	None

VIII. ENVIRONMENTAL PROTECTION (SPILLS AND LEAKS)

Polyethylene asbestos bags are considered non-hazardous, however they degrade very slowly and may become a nuisance. Recycle old or unused plastic when possible. Otherwise, dispose in landfills or incinerators in accordance with local, state, and federal regulations.

IX. TRANSPORTATION INFORMATION

Not regulated

X. ADDITIONAL INFORMATION

Regulatory Requirements:

DOT:		Not applicable
HMIS:	Health:	0
	Reactivity:	0
	Flammability:	1

Although the above information is believed to be accurate and reliable, no warranty is expressed or implied. It is the customer's responsibility to determine the usefulness and applicability of this material for the intended use.

MATERIAL SAFETY DATA SHEET

POLY-AMERICA, INC.
2000 W. Marshall Dr.
Grand Prairie, Texas 75051

Emergency Phone: 214/647-4374

Issued: September 1990

I. IDENTIFICATION

Product:	Polyethylene Sheeting/Bags
Chemical Family:	Polyolefin
Formula:	CH3-(CH2)n-CH3

II. INGREDIENTS

This product may contain one or more of the following: Polyethylene homopolymer or polyethylene copolymer.

Hazardous components: Not applicable

III. PHYSICAL PROPERTIES

Boiling Point:	Not applicable
Vapor Pressure:	Not applicable
Solubility in Water:	Nil
Density:	.900-.960 gm/cc
Form:	Thin solid film or sheet
Odor:	None
Volatiles:	Nil

IV. FIRE AND EXPLOSION HAZARD DATA

Autoignition Temperature:	500-650 degrees F.
Flash Point:	600-650 degrees F.
Flammable Limits:	Not applicable
Fire Fighting:	Use water to extinguish the fire and cool surfaces. Other types of extinguishers may also be used. Use NIOSH approved self-contained breathing apparatus when fighting fires in enclosed areas.
Hazards:	Static discharges can be generated. Excessive airborne dust may cause explosion.
Decomposition Products:	CO2; H2; and under lean oxygen conditions, CO

V. REACTIVITY

Stability:	Stable
Conditions to Avoid:	Temperatures over 300 degrees C. can cause degradation.
Reactive Polymerization:	Does not occur
Incompatibility:	None

VI. HEALTH

Eye:	Solid or dust may cause irritation or corneal injury due to mechanical action.
Skin Contact:	Negligible hazard
Inhalation:	Negligible hazard at ambient temperatures
Ingestion:	Minimal toxicity
Exposure Limits:	No limit established for polyethylene
First Aid:	If ingested, no known health effect. Skin contact with molten plastic should be treated with cold water before plastic is removed, then wrap in clean gauze and seek medical attention.

VII. EMPLOYEE PROTECTION

Control Measures:	None
Respiratory Protection:	None
Protective Clothing:	None

VIII. ENVIRONMENTAL PROTECTION (SPILLS AND LEAKS)

Polyethylene sheets or bags are considered non-hazardous, however they degrade very slowly and may become a nuisance. Recycle old or unused plastic when possible. Otherwise, dispose in landfills or incinerators in accordance with local, state, and federal regulations.

IX. TRANSPORTATION INFORMATION

Not regulated

X. ADDITIONAL INFORMATION

Regulatory Requirements:

DOT:		Not applicable
HMIS:	Health:	0
	Reactivity:	0
	Flammability:	1

Although the above information is believed to be accurate and reliable, no warranty is expressed or implied. It is the customer's responsibility to determine the usefulness and applicability of this material for the intended use.

July 21, 1995

Dear

We have received your request for a Material Safety Data Sheet (MSDS) for the Duct Tape supplied to Abatix under product numbers ADT (70-0061-6072-6) and ADT-3 (70-0061-8111-2).

This product is an article and is not required to have an MSDS under the Occupational Health and Safety Administration Hazard Communication Standard, 29 CRF 1910.1200 (b) (6) (IV) so therefore, an MSDS has not been prepared.

This product, when used under reasonable conditions should not present a health or safety hazard.

Thank you for your continued interest and purchase of our products.

Sincerely,

MATERIAL SAFETY DATA SHEET

:T NAME: White Encapsulant
S13250

ABATIX ENVIRONMENTAL CORP.
12316 Bell Ranch Drive
SANTA FE SPRINGS, CA 90670
(310) 944-3445 (800) 952-2284

:IVE DATE: 02/10/93

HAZARDOUS INGREDIENTS:	WT%	CAS NO.	ACGIH TLV	OSHA PEL
Vinyl Acetate	0.2	108-05-4	20 ppm	20 ppm

This product may contain small amounts of vinyl acetate, vapors of which have been shown to cause tumors of the respiratory tract of laboratory animals. There is no evidence that ithas caused cancer in humans. There should be minimal risk when used with ventilation adequate to keep the atmospheric concentration of vinyl acetate below the recommended exposure limit.

HYSICAL DATA:

ELTING POINT: ND
OILING POINT: Same as water
APOR PRESSURE(mm Hg):Same as water
APOR DENSITY (Air=1): <1
DOR: Mild Odor
PPEARANCE: White Milky Fluid

SPECIFIC GRAVITY: 1.1 (water=1)
SOLUBILITY IN WATER: Dilutable
EVAPORATION RATE(BuAc=1): <1
PH: 9
VOC (g/l): ND

IRE AND EXPLOSION HAZARD DATA:

LASH POINT: ND
METHOD USED: ND
UTOIGNITION TEMPERATURE: ND
LAMMABLE LIMITS: UPPER: NA
LOWER: NA
XTINGUISHING MEDIA: Dry Chemical, Foam, CO_2, Water spray

IRE AND EXPLOSION HAZARDS: NA

ECIAL FIRE FIGHTING PROCEDURES:
ar goggles and self-contained breathing apparatus. Use water to keep
re-exposed containers cool and to flush spills away from fire.
n the case of large fires also cool surrounding equipment and
ructures with water.

EACTIVITY:
ABILITY: Stable
NDITIONS TO AVOID: Stable under normal conditions
AZARDOUS POLYMERIZATION: Will not occur
COMPATIBILITY: None known
ZARDOUS DECOMPOSITION PRODUCTS: None known

VIRONMENTAL AND DISPOSAL INFORMATION:

... See Section

MATERIAL SAFETY DATA SHEET

UCT NAME: White Encapsulant
S13260

ABATIX ENVIRONMENTAL CORP.
12316 Bell Ranch Drive
SANTA FE SPRINGS, CA 90670
(310) 944-3445 (800) 952-2284

SMALL SPILL: Sweep up spilled material and dispose of in DOT-approved waste containers. Flush spill area to sewer with water.

LARGE SPILL: Shovel spilled material into DOT-approved waste containers for disposal.

WASTE DISPOSAL INFORMATION: Dispose of contaminated product and materials used in cleaning up spills of leaks in a manner approved for this material.Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures. This product is not a characteristic waste by RCRA definitions.

NOTE: Comply with all applicable government regulations on spill reporting and handling and disposal of waste. Empty containers can have residues, gases, and mists, and are subject to proper disposal.

HEALTH HAZARD DATA:

BREATHED: Believed to be minimally irritating.

SKIN CONTACT: No evidence of adverse effects from available information.

KIN ABSORPTION: Components are unlikely to be absorbed through skin in harmful concentrations.

E CONTACT: May cause slight temporary eye irritation. Corneal injury is unlikely. No evidence of adverse effects from available information.

ALLOWED: Amounts ingested incidental to industrial handling are not ikely to cause injury; however, ingestion of larger amounts may ause injury.

STEMIC AND OTHER EFFECTS: If a chronic effect has not been mentioned nder a route of entry, no chronic effects are known to result from posure to components of this product.

EDICAL CONDITIONS AGGRAVATED: No medical conditions are known to be ggravated by exposure to this product.

SPECTED CANCER AGENT:

ERAL OSHA	CA OSHA	NTP	IARC
	No	No	No

GET ORGANS, OTHER THAN THOSE IMPLIED BY ROUTES OF ENTRY
E., BREATHED, INCLUDES RESPIRATORY TRACT AND LUNGS) ARE CAPITALIZED.
S product DOES NOT contain chemicals known to the State of ifornia to cause cancer or reproductive toxicity.

MATERIAL SAFETY DATA SHEET

CT NAME: White Encapsulant
S13260

ABATIX ENVIRONMENTAL CORP.
12316 Bell Ranch Drive
SANTA FE SPRINGS, CA 90670
(310) 944-3445 (800) 962-2284

FIRST AID:

BREATHED: Remove victim to fresh air at once. If not breathing, give mouth-to-mouth resuscitation. If breathing is difficult, give oxygen. Keep victim warm and at rest. GET IMMEDIATE MEDICAL ATTENTION.

SKIN: Wash skin immediately with lots of soap and water. If clothes and shoes are contaminated, remove and wash before reuse. Get medical attention if ill effect or irritation develops.

EYES: Wash eyes immediately with running water for at least 15 minutes. Use fingers to assure that eyelids are separated and that eye is being washed. Lift the lower and upper lid occasionally. GET IMMEDIATE MEDICAL ATTENTION.

SWALLOWED: DO NOT INDUCE VOMITING. If victim is conscious, give large amounts of water. Do not attempt to give fluids to unconscious victim. GET IMMEDIATE MEDICAL ATTENTION.

NOTE TO PHYSICIAN:
Supportive care: Treatment based on judgement of physician in response to reactions of patient.

HANDLING PRECAUTIONS:

VENTILATION: Control airborn concentrations below exposure guidelines (Section I) with MECHANICAL VENTILATION, if necessary. Local explosion-proof EXHAUST VENTILATION may be necessary for some operations.

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below exposure guidelines. When respiratory protection is required for certain operations, use a NIOSH-approved cannister-type respirator. In confined or poorly ventilated areas or for emergency and other conditions where the exposure guidelines may be greatly exceeded, use an approved positive-pressure, self-contained breathing apparatus.

EYE PROTECTION: Contact lenses should not be used. Contact lenses may increase the severity of the injury. Suggested protection is safety glasses, but where contact with liquid is likely, chemical goggles or face shields are recommended.

SKIN PROTECTION: Impermeable gloves are recommended. When prolonged or frequently repeated contact could occur, use protective clothing. Selection of specific items such as boots, apron, or full-body suit will depend on operation. Wash thoroughly after handling chemicals.

SPECIAL EQUIPMENT: Suitable safety equipment includes safety showers, eye washes, and proper fire extinguishing media.

MATERIAL SAFETY DATA SHEET

UCT NAME: White Encapsulant
S13260

ABATIX ENVIRONMENTAL CORP.
12316 Bell Ranch Drive
SANTA FE SPRINGS, CA 90670
(310) 944-3445 (800) 952-2284

STORAGE AND HANDLING:
Train all employees on all special handling procedures in this section before they work with this product. Exercise reasonable care and caution. Personnel should avoid breathing vapors and/or mists and getting product in the eyes or on the skin. DO NOT CONSUME food, drink, or tobacco in areas where they may become contaminated with this material. Keep containers cool, dry, and away from sources of ignition. DO NOT STORE product in direct sunlight, high temperatures, or below freezing areas. Keep product container tightly closed when not in use. Protect containers from physical damage. Use and store with adequate ventilation.
DO NOT cut, grind, weld or drill on or near this container. Ground all equipment. Wash thoroughly after using.

DOT:

PROPER SHIPPING NAME: Non-Regulated
HAZARD CLASS: Non-Hazardous By CFR 49 172.101
ID NUMBER: None

OTHER PRECAUTIONS:

NONE Abbreviations: NA:Not applicable; ND:Not Determined.

THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY, EXPRESS OR IMPLIED, IS MADE. FOR FURTHER INFORMATION, CALL 714/821-0700

NAME OF PREPARER:

Carmen Delgado/ch

Carmen Delgado

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AME OF PREPARER:

Carmen Delgado/CH

Carmen Delgado

P.O. Box 9167, 200 Golden Street Westwood, MA 02090-9167 • (617) 320-1000

SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLASH POINT: -156°F (TCC) for propellant

AUTOIGNITION TEMPERATURE: Not available

LEL: 1.0 Percent UEL: 25 Percent

EXTINGUISHING MEDIA: CO_2, foam, dry chemical, water.

SPECIAL FIRE FIGHTING PROCEDURES: Cool unignited containers with water. Firefighters should be equipped with self-contained breathing apparatus and protective clothing, and be aware that pressurized containers may explode on overheating, creating potential for detonation if ruptured in vicinity of fire or spark ignition source.

UNUSUAL FIRE & EXPLOSION HAZARDS: Extremely flammable. If overheated, pressurized containers could explode from pressure buildup. If cans rupture, extinguish all ignition sources in vicinity and ventilate spill area to dissipate unignited vapors.

SECTION V - REACTIVITY DATA

STABILITY: Stable under ordinary conditions. Pressurized containers may rupture at elevated temperatures.

INCOMPATIBILITY: Chemically compatible with most materials. Do not store at temperatures above 120°F in order to avoid container rupture. Do not puncture or incinerate pressurized containers.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO_2, smoke and other toxic volatile products when pyrolyzed or burned.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI - HEALTH HAZARD DATA

ACGIH TLV:	Acetone:	750 ppm TWA, 1000 ppm STEL
	n-Hexane:	50 ppm TWA
	Propane:	Simple asphyxiant
	Isobutane:	Non-assigned

(continued)

COMPONENTS LISTED AS KNOWN OR POTENTIAL CARCINOGENS: None

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Cardiac abnormalities may be aggravated by inhalation.

ACUTE EFFECTS OF OVEREXPOSURE:

INHALATION: Vapors will cause dizziness, headache, nausea. Severe exposure may cause unconsciousness or even death.

SKIN CONTACT: Vapors not harmful by this route of entry. Liquid adhesive will result in rash and irritation, defatting of tissue, and possible development of dermatitis.

EYE CONTACT: Vapors not harmful by this route of entry. Liquid adhesive will cause irritation.

INGESTION: Ingestion is unlikely.

CHRONIC EFFECTS OF OVEREXPOSURE: Possibility of nervous system damage if product is abused.

EMERGENCY & FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air, administer oxygen or CPR if necessary.

SKIN CONTACT: Wash thoroughly with soap and water.

EYE CONTACT: Flush with large amount of fresh water for at least 15 minutes. Get medical attention.

INGESTION: Do not induce vomiting! Get immediate medical attention.

TOXICITY INFORMATION:

Acetone:	ihl-rat LCLo	16000 ppp/4H
	orl-mus LD50	3000 mg/kg
n-Hexane:	ihl-hum TCLo	5000 ppm/10M
	orl-rat LD50	28710 mg/kg
Propane:	None available - Simple asphyxiant (OSHA)	
Isobutane:	None available	

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

LARGE SPILLS: Isolate the area and keep unnecessary personnel away. Extinguish all electrical or flame ignition sources and ventilate area to disperse vapors. Wear NIOSH-approved protective clothing and self-contained breathing apparatus. Confine liquid and soak up with inert absorbent such as clay or sand, place in leak-free containers, label, and retain for RCRA and State approved disposal. Do not allow material to enter sewers or water courses leading to surface waters.

SMALL SPILLS: Soak up liquid in inert absorbent material and dispose as above. Avoid electrical and flame ignition sources.

WASTE DISPOSAL: Do not puncture pressurized containers! Do not place in incinerators! If container contents have completely dispensed and no propellant pressure remains, empty container can be removed with ordinary trash. Otherwise, dispose in accordance with RCRA and local regulations.

EPA HAZARDOUS WASTE NUMBER: D001

PRECAUTIONS FOR HANDLING AND STORING: Do not store above 120°F, so as to avoid undue pressure buildup in containers. While dispensing liquid from container, avoid directing spray toward eyes or exposed skin surfaces, and do not use in confined spaces containing electrical or flame ignition sources.

SECTION VIII - CONTROL MEASURES

VENTILATION REQUIREMENT: Local or mechanical explosion proof.

RESPIRATORY PROTECTION: If exposure exceeds, or may exceed, OSHA or ACGIH recommended exposure limits, NIOSH-approved respirators must be used. At extreme exposure levels, use self-contained breathing apparatus.

PROTECTIVE GLOVES: Rubber Organic solvent impervious.

EYE PROTECTION: Goggles, full face shield if necessary.

OTHER PROTECTIVE EQUIPMENT: Solvent-impervious clothing to prevent skin contact.

DATE OF ISSUE: May 14, 1990 SUPERSEDES: February, 21, 1990

The information presented herein was prepared at POLYKEN TECHNOLOGIES (R&D Laboratory, 17 Hartwell Avenue, Lexington, MA 02173, 617-861-320 by qualified technical personnel, and to our knowledge it is true and accurate. The information and recommendations are furnished for this product with the understanding that the purchaser will independently determine the suitability of the product for his purposes. The data c not constitute a warranty, expressed or implied, statutory or otherwis nor are they a representation for which POLYKEN TECHNOLOGIES assumes legal responsibility. The data are submitted for the user's informati and consideration only. Any use of this product must be determined by the user to be in accordance with the applicable federal, state and loc laws and regulations.

END

MATERIAL SAFETY DATA SHEET

SENTINEL CHEMICAL COMPANY, INC.
7714 BEECH STREET, N.E.
MINNEAPOLIS, MN 55432
(612) 571-0630 ISSUE DATE: 1-01-93

PRODUCT NAME: SENTINEL 747 MASTIC REMOVER
CHEMICAL NAME AND SYNONYMS: EMULSIFIED ORGANIC HYDROCARBON
24 HOUR EMERGENCY MEDICAL AND SPILL NUMBER: 1-800-228-5635

DOT HAZARD CLASS: COMBUSTIBLE LIQUID, 49 CFR 173.118A
(Not regulated in packaging of less than 110 gallons).
DOT SHIPPING NAME: CLEANING COMPOUND, CLASS 55 NOI
DOT IDENTIFICATION NUMBER: NA 1993

REFINED PETROLEUM SOLVENTS	CAS# 64742-47-8	100 PPM	ACGIH TWA
ETHYLENE GLYCOL MONOBUTYL ETHER	CAS# 111-76-2	25 PPM	ACGIH TWA

Common name for Ethylene Glycol is 2-BUTOXY ETHANOL

This product contains the following chemicals subject to the reporting requirements of SARA 313 and 40 CFR 372:

ETHYLENE GLYCOL MONOBUTYL ETHER	CAS# 111-76-2	2-6% BY WEIGHT

SECTION II EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT

If this product comes in contact with eyes, gently flush with large quantities of water for at least 15 minutes. If irritation persists, seek immediate medical attention.

SKIN CONTACT

Remove contaminated clothing. Cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and persists, seek medical attention.

INHALATION (breathing)

If breathing difficulties, dizziness, or light-headedness occur when working in areas with high vapor concentration, victim should seek air free of vapors. If breathing stops, begin artificial respiration and seek immediate medical attention.

INGESTION (swallowing)

If this product is swallowed, DO NOT induce vomiting unless directed by a physician. Seek immediate medical advice and/or attention.

SECTION III HEALTH HAZARDS/ROUTES OF ENTRY

EYE CONTACT

This product may cause irritation. Direct contact with the liquid or exposure to its' vapors or mists may cause burning, tearing or redness.

SKIN CONTACT

This product may cause skin irritation. Prolonged or repeated exposure to this material may cause redness, burning, drying or cracking of the skin or dermatitis. Persons with pre-existing skin disorders may be more susceptible to the effects of this material.

INHALATION (breathing)

Inhalation of excessive concentration of vapors or mists may cause irritation of the nose and throat and signs of nervous system depression (e.g. drowsiness, dizziness, loss of co-ordination and fatigue). Persons with impaired lung function or asthma-like conditions may experience additional breathing difficulties due to the irritant properties of this material.

INGESTION (swallowing)

Ingestion of excessive quantities may cause irritation of the digestive tract and signs of nervous system depression (e.g. drowsiness, dizziness, loss of coordination and fatigue). Acute exposure to these compounds results in narcosis, pulmonary edema, and severe kidney and liver damage. ASPIRATION HAZARD--This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

COMMENTS

THIS SUBSTANCE HAS NOT BEEN IDENTIFIED AS A CARCINOGEN OR PROBABLE CARCINOGEN BY NTP, IARC, OR OSHA.

SECTION IV SPECIAL PROTECTION INFORMATION

VENTILATION

If current ventilation practices are not adequate for minimizing exposures, additional ventilation or exhaust systems may be required. Where explosive mixtures may be present, systems safe for such locations should be used.

RESPIRATORY PROTECTION

Respiratory protection may be necessary to minimize exposure to organic vapors or gases. Depending on the nature and concentration of the airborne material, use a respirator or gas mask with appropriate cartridges and canisters, (NIOSH approved) or supplied air equipment.

PROTECTIVE GLOVES

The use of gloves impermeable to the specific material handled is advised to prevent skin contact and possible irritation.

EYE PROTECTION

Approved eye protection is recommended to safeguard against eye contact, irritation or injury.

OTHER PROTECTIVE EQUIPMENT

It is suggested that a source of clean water be available in the work area for flushing eyes and skin. Impervious clothing should be worn as needed.

SECTION V REACTIVITY DATA

STABILITY

Stable

INCOMPATIBILITY (materials to avoid)

This product is incompatible with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition in the presence of air may yield carbon monoxide and/or carbon dioxide.

HAZARDOUS POLYMERIZATION

Will not occur.

SECTION VI SPILL OR LEAK PROCEDURES

PRECAUTION IN CASE OF RELEASE OR SPILL

Stay upwind and away from spill. Keep all sources of ignition and hot metal surfaces away from spill. If spill is indoors, ventilate area of spill. Foam, especially high expansion foam, may be used to suppress vapors. Keep contained and dispose of in accordance with local, county, state, and federal regulations.

SECTION VII STORAGE AND SPECIAL PRECAUTIONS

HANDLING AND STORAGE

Keep containers tightly closed. Keep containers cool, dry, and away from sources of ignition. Use and store this product with adequate ventilation. Avoid inhalation of vapors. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks or other sources of ignition. "Empty" drums should be completely drained, properly bunged and promptly shipped to a qualified drum reconditioner.

SECTION VIII FIRE AND EXPLOSION HAZARD

HAZARD RANKING

0=LEAST
1=SLIGHT
2=MODERATE
3=HIGH
4=EXTREME

HEALTH HAZARD: 1

FLAMMABILITY: 2

REACTIVITY: 0

FLASH POINT: 146 DEGREES PMCC F., 154 DEGREES COC F.

LOWER EXPLOSIVE LIMIT (% VOL.)	UPPER EXPLOSIVE LIMIT (% VOL.)
1.2	6.0

EXTINGUISHING MEDIA

SMALL FIRES: Extinguish with dry chemical, CO2 or foam.
LARGE FIRES: The use of dry chemical or foam is recommended.

FIRE AND EXPLOSION HAZARD

This material is combustible and may be ignited by heat or flame. This material will burn, but will not ignite readily.

FIRE FIGHTING PROCEDURES

The use of a SCBA is recommended for fire fighters. Water spray may be useful in minimizing vapors and cooling containers exposed to heat and flame. Avoid spreading burning liquid with water used for cooling purposes.

SECTION IX PHYSICAL DATA 747 pg.

APPROX. BOILING POINT-----370-518 DEGREES F.

VAPOR DENSITY (AIR = 1)-----HEAVIER THAN AIR

VAPOR PRESSURE-----NEGLIGIBLE

EVAPORATION RATE-----SLOWER THAN ETHER

% VOLATILE-----100%

WEIGHT PER GALLON-----6.71

APPEARANCE-----LIGHT BLUE

ODOR-----MILD/CHARACTERISTIC

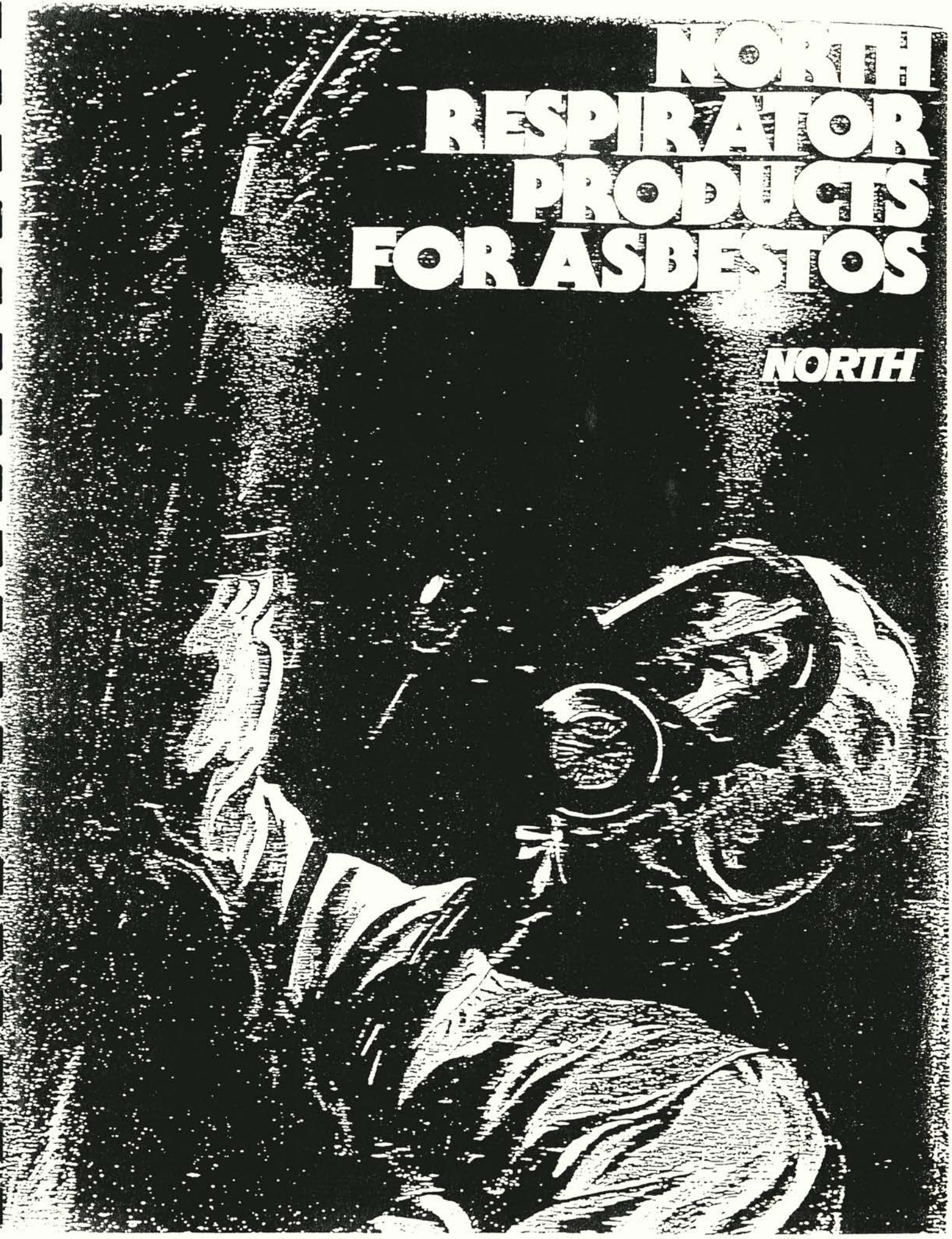
SECTION X DOCUMENTARY INFORMATION

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

The information in this document is believed to be correct as of the date issued. However, no warranty of merchantability, fitness for any particular purpose, or any other warranty is expressed or is to be implied regarding the accuracy or completeness of this information, the results to be obtained from the use of this information or the product, the safety of this product or the hazards related to its use. This information and product are furnished on the condition that the person receiving them shall make his own determination as to the suitability of the product for his particular purpose and on the condition that he assume the risk of his use thereof.

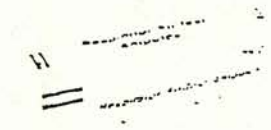
EQUIPMENT DATA SHEETS

1. **Respirator**
2. **Hepa-Vac**
3. **Air FiltrationNegative Air Filtration**


NORTH
RESPIRATOR
PRODUCTS
FOR ASBESTOS
NORTH

NORTH 7003 WIPE PADS

intended to supplement a regularly scheduled respirator cleaning and sanitizing program, the Respirator Refresher Wipe Pads are quick and easy to use. Because of their convenience, they make respirator usage more acceptable to the wearer by improving comfort.



NORTH 7002 FIT TEST AMPULES

The North 7002 Respirator Fit-Test Ampules provide a quick, easy method of determining proper respirator fit. The ampules are filled with banana oil (amyl acetate) which produces a distinctive banana-like odor. Clean, completely disposable, and convenient to use.

Warnings Related to Respirator Selection and Use

1. Failure to properly select the appropriate respirator for all the materials and concentrations to which the respirator wearer may be exposed may result in serious illness, disability, or death of the affected worker.

2. None of the respirators described in this Brochure, except the 800 Series Self-Contained Breathing Apparatus and the 85300 Series Pressure Demand Airline Respirator (equipped with a fully charged emergency escape air cylinder) may be used:

   a. In oxygen deficient atmospheres (an atmosphere of less than 19.5% oxygen by volume at sea level).

   b. In poorly ventilated areas, or in confined spaces such as tanks, small rooms, tunnels or vessels (unless the confined space is well ventilated and the concentration of toxic contaminants is known to be below the upper limit recommended for the respirator).

   c. In atmospheres where the concentrations of toxic contaminants are unknown or are IDLH. (An IDLH atmosphere is an atmospheric concentration of any toxic, corrosive or asphyxiant substance that poses an immediate threat to life, would cause immediate irreversible debilitating effects on health, or would interfere with the ability to escape from a dangerous atmosphere.)

   d. At concentrations of asbestos higher than the upper limits listed in this Brochure.

Only the 800 Series SCBA may be used for firefighting.

All of the airline respirators require an adequate supply of Type I Grade D respirable air.

3. Immediately leave the work area and replace the respirator if:

   a. breathing becomes difficult
   b. dizziness or other distress occurs
   c. you sense irritation, smell or taste the contaminants
   d. if the respirator becomes damaged

4. The respirator selected must properly fit the wearer. Carefully follow the fitting instructions, fit tests, and fit checks contained in the Instruction Booklet which accompanies each respirator to make certain the respirator fits and operates properly.

5. None of the respirators described in this brochure, except the 85300 Series, may be used when conditions prevent a good facepiece-to-face seal. Such conditions include the growth of beards and sideburns, and the use of spectacles, goggles, caps or headcoverings containing temples or straps which will pass between the facepiece sealing flange and the wearer's face. A special spectacle frame assembly into which corrective lenses can be inserted is available for all full facepiece respirators.

6. Air-purifying respirators may not be used for sandblasting, or for gas or vapor contaminants with poor warning properties. Neither the airline respirators described in this brochure, nor the 800 Series SCBA, may be used for sandblasting.

SPECIAL NOTE— Air-Purifying Respirators: Any NIOSH Certified air-purifying respirator, regardless of manufacturer, when properly selected and fitted, will significantly reduce, but will not completely eliminate, the breathing of contaminant(s) by the respirator wearer. For work in atmospheres containing substances, such as asbestos, which are reputed to cause cancer in amounts below their TLV, better protection will be obtained from a positive pressure supplied air respirator.

WARRANTIES: North respirators are warranted to be free from defects in materials and workmanship. North's only obligation under this warranty will be, at North's sole option, to repair or replace the respirator, or any part, proving defective, or to refund the purchase price thereof. (For special warranty conditions applicable to the Model 9880 PAPR, the 85400, 85600, 85500 and 85780 PDARs, and the 800 Series SCBAs, see the North Price Lists for these respirators.) The user assumes all other risk, if any, such as the risk of any direct, indirect or consequential loss or damage arising out of the use of, or inability to use these respirators. This warranty is made in lieu of the warranties of merchantability, fitness for particular purpose and all other warranties, express or implied, and may not be varied or extended except in writing by an authorized official of North.

The North Model 9880, and its parts (except for the battery and fuses) are warranted to be free from defects in material and workmanship, provided warranty claims are received within six (6) months from the date of shipment by an authorized North distributor. The battery and fuses are sold without warranty. Our only obligation under this warranty will be, at our sole option, to repair, replace, or refund the purchase price of the respirator determined by us to have failed to operate during the warranty period because of such defect, provided the respirator is returned to us in compliance with our instructions. The user assumes all other risk, if any, such as the risk of any direct or consequential loss or damage arising out of the use of, or inability to use, this product. We make this warranty in lieu of the warranties of merchantability, fitness for particular purpose and all other warranties, express or implied. No deviation is authorized.

NORTH *North Safety Equipment*
A Division of Siebe North, Inc.
2000 Plainfield Pike
Cranston, RI 02921
401-943-4400
Fax: 401-942-9360

In Canada
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26 Dansk Court
Rexdale, Ontario
Canada M9W 5V8
416-675-2810
Fax: 416-675-6698

NORTH

Respiratory Protection

Air-Purifying

North 7700 Series Dual Cartridge Half Mask Respirators

Lightweight, low profile design for greater worker acceptance. Three sizes (S, M or L) offer a comfortable fit for a wide range of faces. Available with 23 NIOSH approvals. Domed fit check/filter covers allow workers to perform negative pressure fit check without removing filters or cartridges. Exhalation valve design also allows easy positive pressure fit checks. All models fully certified by NIOSH/MSHA. Also available — North 77 BP Series Backpack half mask respirators in three sizes, (S, M, or L). Fully certified by NIOSH/MSHA.

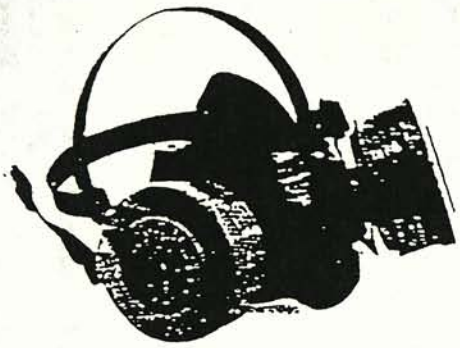
North 7600 Series Full Facepiece Respirators

Provide eye and face protection in situations where the danger of eye irritation and/or flying particles exist. The dual flange seal with speaking diaphragm and oral/nasal cup is offered as standard equipment. Hard coated polycarbonate lens provides over 200° field of vision and meets ANSI Z-87.1 for impact and penetration resistance. The 7600 Series full facepiece respirator is made of silicone for added comfort and superior fit. Fully certified by NIOSH/MSHA.

Contaminant Conditions	7700 Series Respirator Model	NIOSH/MSHA Approval	77BP Series Respirator Model	NIOSH/MSHA Approval	7600 Series Respirator Model	NIOSH/MSHA Approval
Organic Vapors*	7701L.M.S	TC-23C-49	77BP01L.M.S	TC-23C-102	7601	TC-23C-180
Organic Vapors and Dusts and Mists	7711L.M.S	TC-23C-73	77BP11L.M.S	TC-23C-103	7611	TC-23C-185
Paint, Lacquer, Enamel Mists and Organic Vapors	7731L.M.S	TC-23C-75	77BP31L.M.S	TC-23C-175	7631	TC-23C-186
Chlorine, Hydrogen Chloride, Sulfur Dioxide and Formaldehyde*	7702L.M.S	TC-23C-226	77BP02L.M.S	TC-23C-227	7602	TC-23C-228
Chlorine, Hydrogen Chloride, and Sulfur Dioxide, Dusts and Mists and Formaldehyde	7712L.M.S	TC-23C-229	77BP12L.M.S	TC-23C-230	7612	TC-23C-231
Organic Vapors, Chlorine, and Hydrogen Chloride	7703L.M.S	TC-23C-65	77BP03L.M.S	TC-23C-104	7603	TC-23C-181
Organic Vapors, Chlorine, Hydrogen Chloride, Sulfur Dioxide, and Dusts and Mists	7713L.M.S	TC-23C-66	77BP13L.M.S	TC-23C-105	7613	TC-23C-186
Ammonia and Methyl Amine*	7704L.M.S	TC-23C-63	77BP04L.M.S	TC-23C-176	7604	TC-23C-182
Ammonia, Methyl Amine and Dusts and Mists	7714L.M.S	TC-23C-64	77BP14L.M.S	TC-23C-177	7614	TC-23C-187
Dusts and Mists	7706L.M.S	TC-21C-151			7606	TC-21C-191
Dusts, Fumes and Mists (Filter/Cartridge)	7707L.M.S	TC-21C-203	77BP07L.M.S	TC-21C-204	7607	TC-21C-205
Dusts, Mists and Fumes (Low Profile Filter)*	7790L.M.S	TC-21C-340	77BP90L.M.S	TC-21C-341	7690	TC-21C-342
Dusts, Fumes, Mists and Radionuclides	7730L.M.S	TC-21C-152	77BP80L.M.S	TC-21C-168	7680	TC-21C-171
Pesticides	7749L.M.S	TC-23C-74	77BP49L.M.S	TC-23C-178	7649	TC-23C-190
Organic Vapors, Paint Lacquer and Enamel Mists and Dusts, Fumes, Mists and Radionuclides, and Pesticides	7781L.M.S	TC-23C-204	77BP81L.M.S	TC-23C-205	7681	TC-23C-206
Chlorine, Hydrogen Chloride, Sulfur Dioxide, Formaldehyde and Dusts, Fumes, Mists and Radionuclides	7782L.M.S	TC-23C-207	77BP82L.M.S	TC-23C-208	7682	TC-23C-209
Organic Vapors, Chlorine, Hydrogen Chloride, Sulfur Dioxide, and Dusts, Fumes, Mists and Radionuclides	7783L.M.S	TC-23C-210	77BP83L.M.S	TC-23C-211	7683	TC-23C-212
Ammonia, Methyl Amine and Dusts, Fumes, Mists and Radionuclides	7784L.M.S	TC-23C-213	77BP84L.M.S	TC-23C-214	7684	TC-23C-215

*Dust, Mist and Fume low profile filter N7500-9 can be used in conjunction with N7500-1, N7500-2, N7500-3, and N7500-4 cartridges utilizing the N7500-25 Filter Cover.

Note: Most North respirators are sold by components only.
See GENERAL WARNINGS RELATED TO RESPIRATOR SELECTION AND USE



Model 7780

RESPIRATOR

NIOSH/MSHA Certified, TC-21C-152

Suitable for use in asbestos concentrations not in excess of 2 fibers/cc TWA and/or 10 fibers/cc EL (10 X PEL).

The Model 7780 Respirator is a half mask air-purifying respirator equipped with N7500-S high efficiency filtercartridges.

The North 7700 Series half mask silicone facepiece has become the standard by which all respirators are judged. Put that together with the North high efficiency filtercartridges, and you have half mask protection that can't be beat.

Its silicone construction readily conforms to facial features and doesn't harden with age. Silicone is easy to clean, and provides a non-stick, no slip surface. It stands up to punishment better than any other facepiece material.

The 7700s contoured sealing flange eliminates the discomfort caused by pressure points. And the cradle suspension system won't slip, yet gives an even seal without irritating pressure.

The low profile of the North 7780 gives workers a wide field of vision and room for protective eyewear. Its low inhalation and exhalation resistance make breathing easier, leaving more energy for getting the job done.

All of this, and low maintenance, too. Just unscrew the filtercartridges and drop the facepiece into the wash. The direct cartridge-to-facepiece seal means no cartridge receptacles to clean and no sealing gaskets to lose or replace. The silicone rubber facepiece can take a lot more cleanings and *still* come out soft and flexible.

Available in three overlapping sizes, the 7780 delivers secure, comfortable fit to a large number of respirator wearers. A slide/tape presentation on use and fitting instructions is available from North.

The 7700 Series is also NIOSH/MSHA approved for use with combination chemical cartridge and HEPA filters. See filter cartridge section below for details.

NORTH HEPA FILTER/CARTRIDGES

FOR NIOSH/MSHA Certified Respirators

A high efficiency (HEPA) filtercartridge is a NIOSH/MSHA certified filter that is at least 99.97 percent efficient against monodispersed particles 0.3 micrometers or larger.

Model N7500-S filtercartridge (TC-21C-152): Approved for respiratory protection against dusts, fumes, and mists having a time-weighted average less than 0.05 milligram per cubic meter asbestos and radionuclides.

**Model 9S00-S filter/cartridge (TC-21C-4S1): For respiratory protection against dusts, fumes, and mists having a time-weighted average less than 0.05 milligram per cubic meter, asbestos containing dusts and mists, radionuclides and radon daughters.

*Model N7500-S1 filtercartridge (TC-23C-204): Approved for respiratory protection against: (1) mists or paints, lacquers and enamels, (2) not more than 1,000 parts per million organic vapors by volume, or (3) any combination thereof, dusts, fumes, and mists having a time-weighted average less than 0.05 milligram per cubic meter asbestos, radionuclides, and radon daughters.

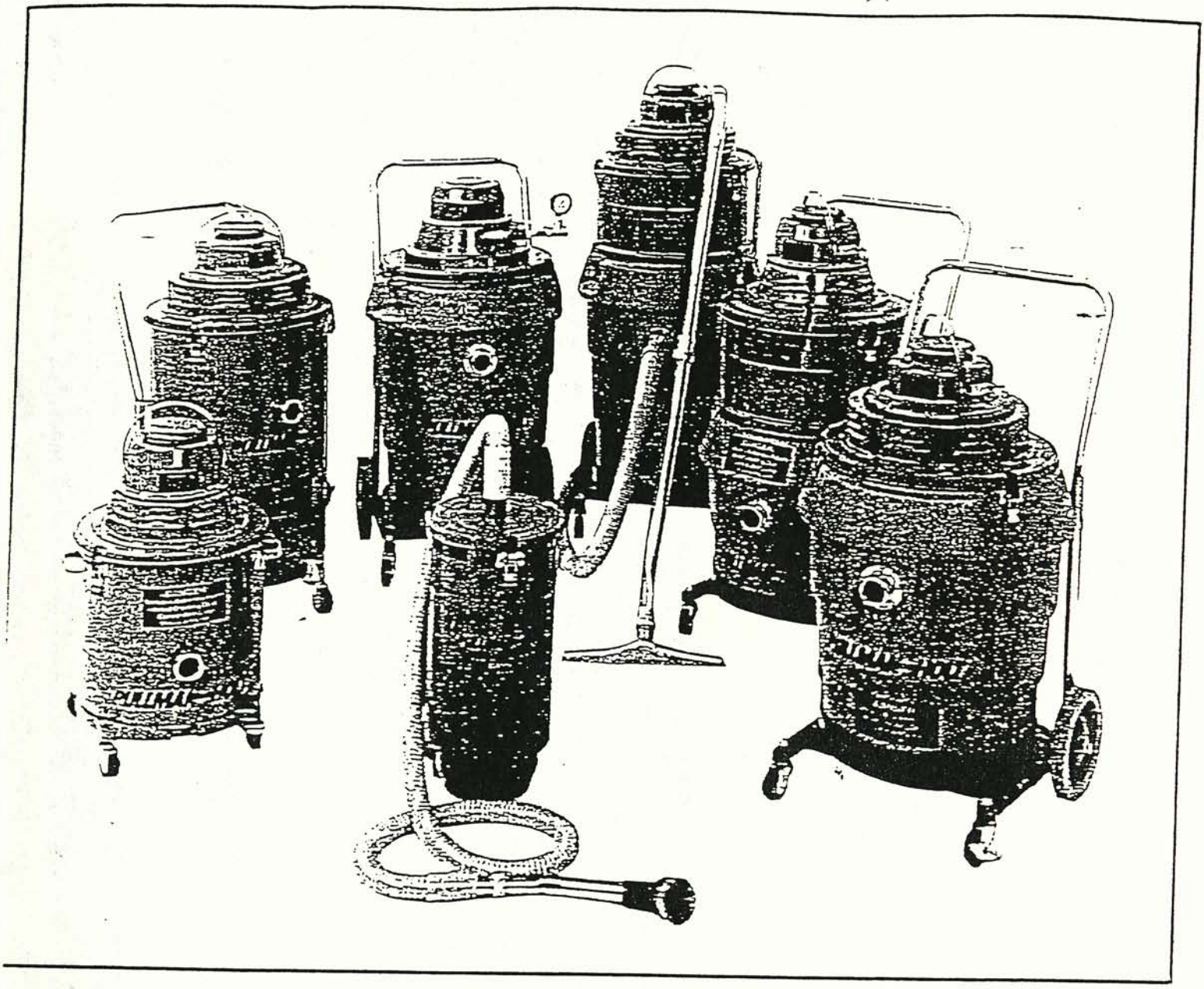
*Model N7500-S2 filtercartridge (TC-23C-207): Approved for respiratory protection against not more than 10 parts per million chlorine, 50 parts per million hydrogen chloride, or 50 parts per million sulfur dioxide and dusts, fumes, and mists having a time-weighted average less than 0.05 milligram per cubic meter asbestos, radionuclides, and radon daughters.

*Model N7500-S3 filtercartridge (TC-23C-210): Approved for respiratory protection against not more than 1,000 parts per million organic vapors, 10 parts per million chlorine, 50 parts per million hydrogen chloride, or 50 parts per million sulfur dioxide and dusts, fumes, and mists having a time-weighted average less than 0.05 milligram per cubic meter asbestos, radionuclides, and radon daughters.

*Model N7500-S4 filtercartridge (TC-23C-213): Approved for respiratory protection against not more than 300 parts per million ammonia or 100 parts per million methyl amine and dusts, fumes, and mists having a time-weighted average less than 0.05 milligram per cubic meter asbestos, radionuclides, and radon daughters.

* For use with 7500 and 7700 Series respirators only
** For use with Model 9300 Powered Air-Purifying Respirators only.

SEE WARNINGS RELATED TO RESPIRATOR SELECTION AND USE ON PAGE 8

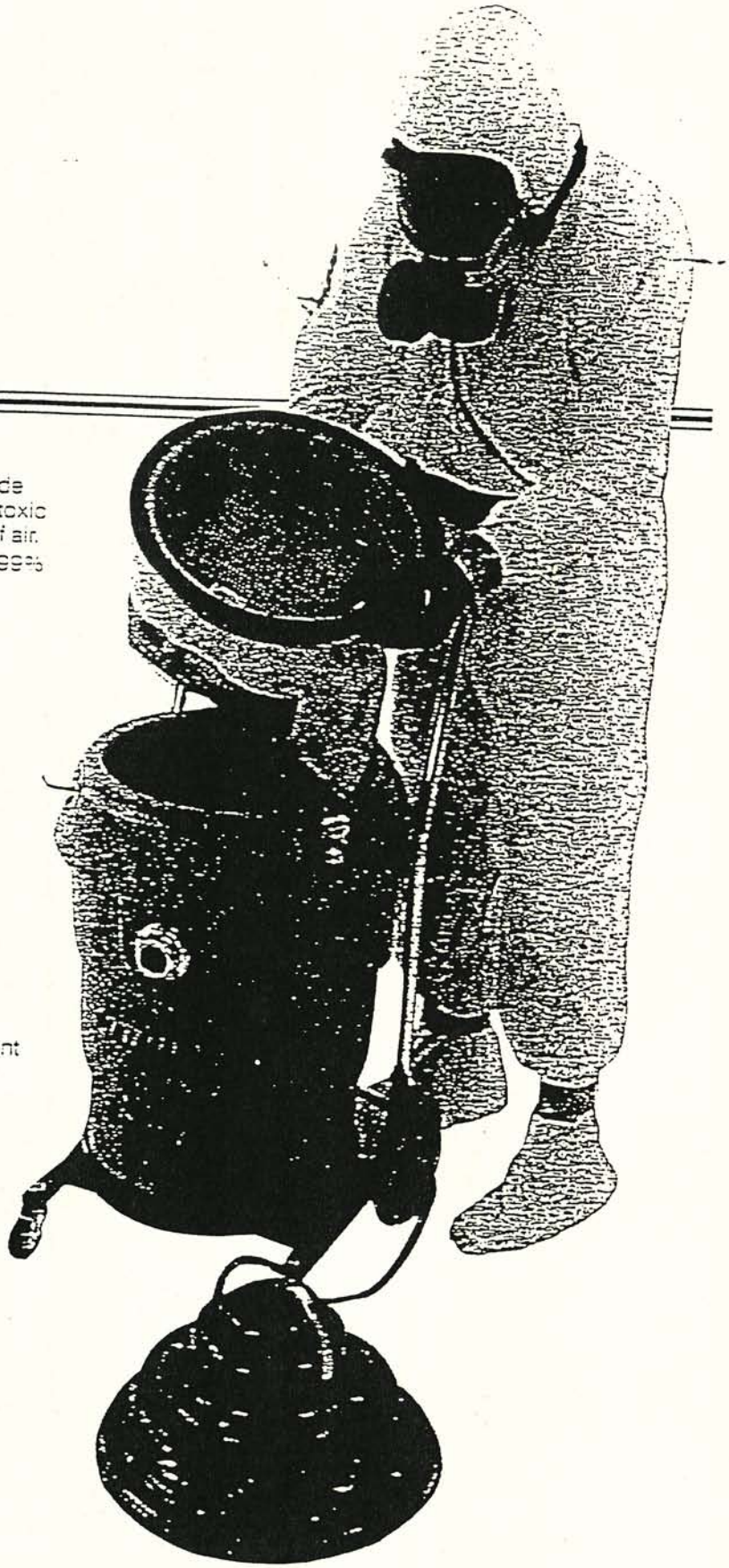


Asbestos Abatement
Hazardous Waste Products
List Price List

Effective: October 15, 1991

PULLMAN-HOLT

HEPA Filter System



e HEPA filter on Pullman/Holt's asbestos vacuums provide
aximum filtration of asbestos and many other hazardous toxic
-borne dust and materials, preventing recontamination of air.
e HEPA filters are rated with a minimum efficiency of 99.99%
0.3 microns, D.O.P. method.

omponent Features:

Air seal gasket between the motorhead and tanks forming a positive lock fit.

Polyester Prefilter located on the bottom of the HEPA filter, held firmly in place with velcro fasteners so that all media is securely covered.

"No-Slip" spacer sleeve wraps tightly around filter barrel and is joined with velcro fasteners.

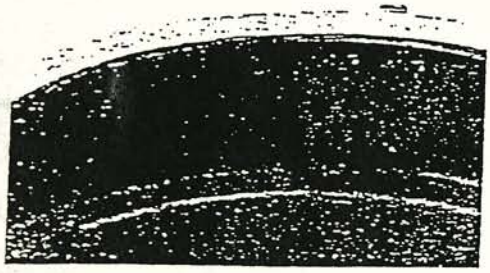
Dacron filter bag covers entire spacer sleeve and filter barrel for primary filtration.

e HEPA filtration on Pullman/Holt's vacuums assure efficient
covery of asbestos, lead, silica, radioactive dust and many
er hazardous materials.

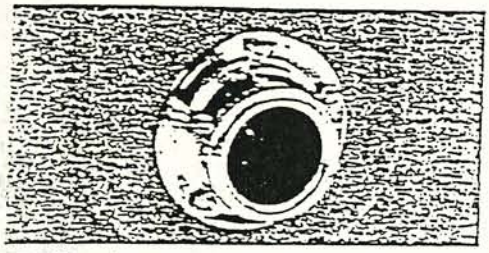
llman/Holt asbestos and hazardous waste vacuums
ceed all EPA and OSHA filtration standards.

Poly Asbestos Vacuum Cleaners

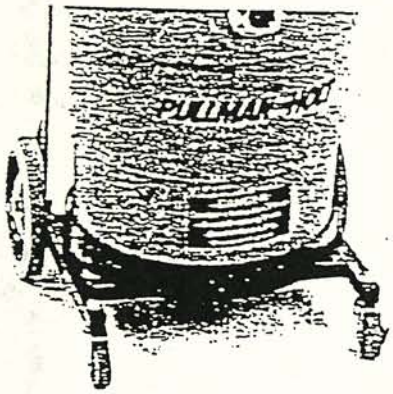
Poly Tank Features:



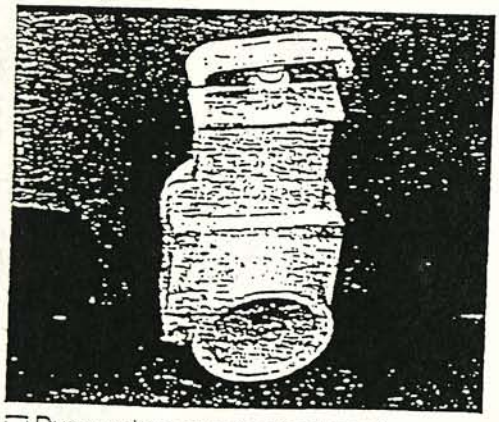
- ☐ Heavy-duty top rim holds its shape for a positive air seal.
- ☐ Molded of high-impact polyethylene with seamless construction.



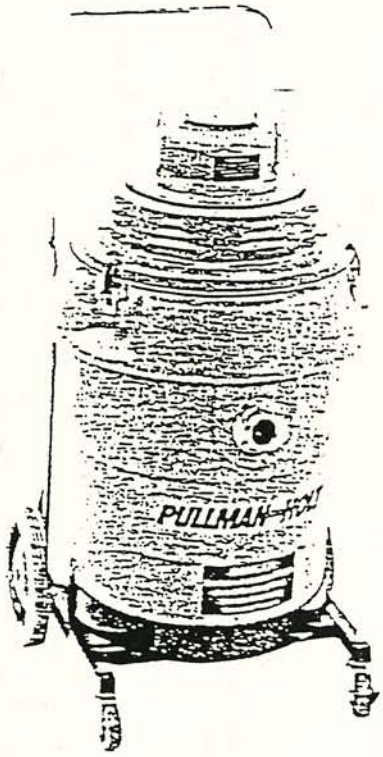
- ☐ Full swivel ball bearing hose coupling for easy attaching and positive locking.

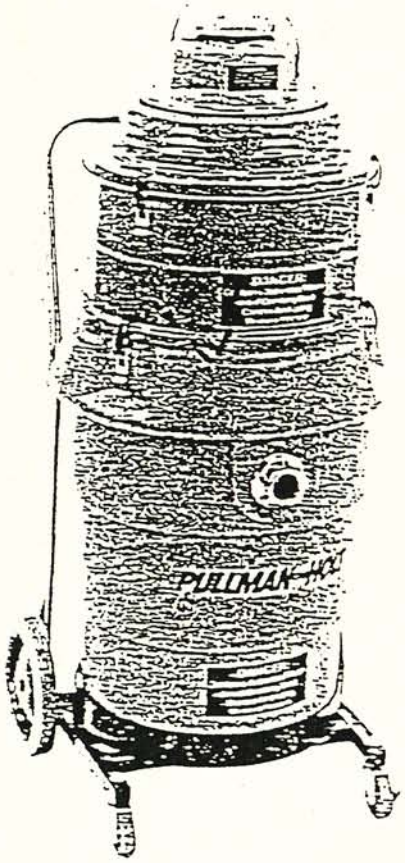


- ☐ Vacmobile style...two 8" semi-pneumatic back wheels and two 2½" front casters.



- ☐ Dump valves are standard on all models for convenient disposal of wet materials.





Model 102ASB Poly

The 102ASB is a versatile asbestos vacuum designed for wet or dry pick-up. The powerful 2HP 2 stage motor makes it a true work horse for heavy-duty use in professional asbestos abatement work.

Motorhead Features:

- ☐ Two stage, 2HP by-pass motor, 12.5 AMPS 105" waterlift, 110 CFM.
- ☐ Louvered metal head diffuses exhaust air to prevent excessive air disturbance.
- ☐ Protective cap on vacuum head dome prevents liquids from damaging the motor.
- ☐ 25 ft. safety cord for ease in working large areas.
- ☐ Top handle allows for convenient removal and replacing of motor head.
- ☐ Warranty: Motor 2 years, parts 90 days.

102ASB-10P Wet/Dry

10 Gallon Wet; 1¼ Bu. Dry
Shpg. Wt. 73 lbs.
Product Code: B160024

List Price:
$1102

102ASB-12P Wet/Dry

12 Gallon Wet; 1½ Bu. Dry
Shpg. Wt. 75 lbs.
Product Code: B527039

List Price:
$1164

Steel Asbestos Vacuum Cleaners

86 ASB Compact Dry

Pullman/Holt's compact vacuum is specifically designed for wet or dry pickup in small areas. It has the same high performance and quality of our standard vacuums. Easy to carry and transport to job site. Ideal for "AHERA" compliance.

Vacuum Features:

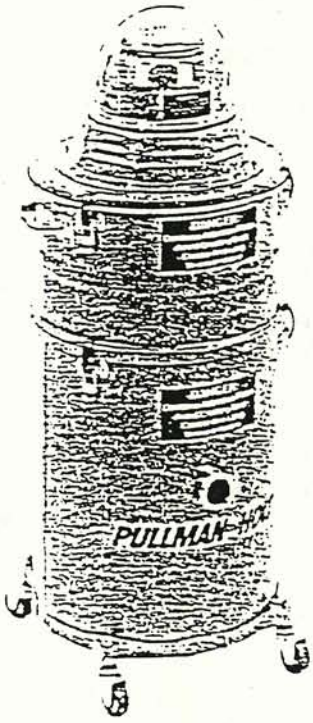
- ☐ Two stage, 1 HP by-pass motor, 7.2 AMPS, 85" waterlift, 95 CFM motorhead.
- ☐ 20 gauge baked enamel cold rolled steel tank with epoxy lined interior.
- ☐ Equipped with 4 full swivel ball bearing casters.
- ☐ Patented automatic full swivel ball bearing hose coupling for easy attaching and positive locking.
- ☐ Warranty: Motor 2 years, parts 90 days.

86ASB-5D4C Dry

¾ bu. dry, Shpg. Wt. 45 lbs.
Product Code: B527032

List Price:

$ 645



86 ASB Compact Wet/Dry

Pullman/Holt's compact vacuum is specifically designed for wet or dry pickup in small areas. It has the same high performance and quality of our standard vacuums. Easy to carry and transport to job site. Ideal for "AHERA" compliance.

Vacuum Features:

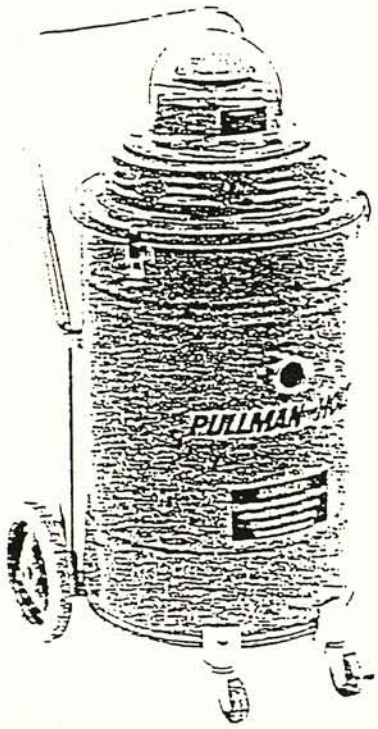
- ☐ Two stage, 1 HP by-pass motor, 7.2 AMPS, 85" waterlift, 95 CFM motorhead.
- ☐ 20 gauge baked enamel cold rolled steel tank with epoxy lined interior.
- ☐ Equipped with 4 full swivel ball bearing casters.
- ☐ Patented automatic full swivel ball bearing hose coupling for easy attaching and positive locking.
- ☐ Warranty: Motor 2 years, parts 90 days.

86ASB-5-4C Wet/Dry

5 Gallon wet; ¾ bu. dry
Shpg. Wt. 55 lbs.
Product Code: B160057

List Price:

$ 822



102ASB-12D Dry

This powerful vacuum with its 2 HP by-pass motor makes it a work horse. Recommended for heavy-duty service with fast pick-up.

Vacuum Features:

- ☐ Two stage, 2 HP by-pass motor, 12.5 AMPS, 105" waterlift, 110 CFM steel motorhead.
- ☐ 12 gallon, 20 gauge cold rolled steel tank with baked enamel finish.
- ☐ 25 ft. safety cord for ease in working large areas.
- ☐ Vacmobile style...two 8" semi-pneumatic back wheels and two 2½" front casters.
- ☐ Full swivel ball bearing hose coupling for easy attaching and positive locking.
- ☐ Warranty: Motor 2 years, parts 90 days.

102ASB-12D Dry

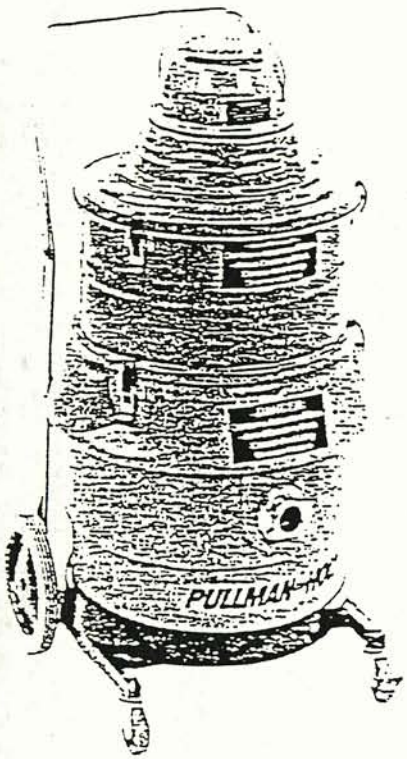
1½ Bu. Dry, Shpg. Wt. 68 lbs.
Product Code: B520057

List Price:

$1000

Note: Orders $7,000 and over must include a minimum of $1,500 NET in products other than Asbestos Vacuums

Poly Asbestos Vacuum Cleaners



Model 55ASB Poly

An economical, general duty asbestos vacuum perfect for the smaller abatement jobs. Equipped with a 1 HP by-pass motor and designed for wet or dry pick-up.

Motorhead Features:

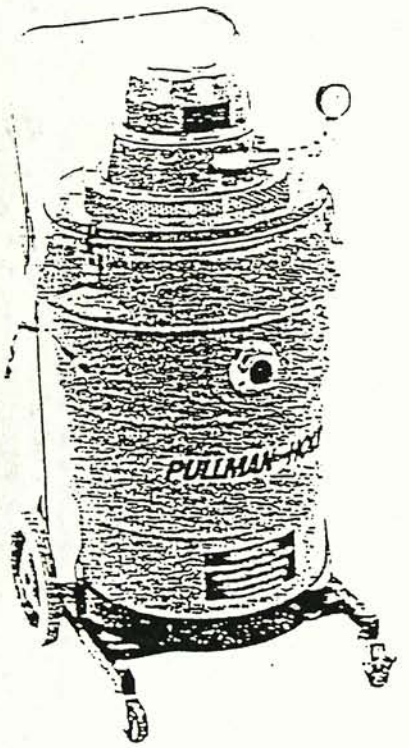
- ☐ Two stage, 1 HP by-pass motor. 7.2 AMPS. 85" waterlift, 96 CFM.
- ☐ Louvered motor head diffuses exhaust air to prevent excessive air disturbance.
- ☐ Protective cap on vacuum head dome prevents liquids from damaging the motor.
- ☐ 25 ft. safety cord for ease in working large areas.
- ☐ Top handle allows for convenient removal and replacing of motorhead.
- ☐ Warranty: Motor 2 years, parts 90 days.

55ASB-10P Wet/Dry

10 Gallon Wet; ¾ Bu. Dry
Shpg. Wt. 56 lbs.
Product Code: B160173

List Price:

$ 957



720 Air Spin Poly

This unique vacuum requires no electrical power. May be used in areas where the potential for an electrically induced explosion exists. It requires a 20 HP compressor or factory air source of 80 PSI rating and minimum 80 CFM with a minimum supply line of 1" I.D.

Features:

- ☐ Requires no maintenance or electrical power.
- ☐ Use with 20 HP Compressor. 220" waterlift, 155 CFM.
- ☐ Standard on-off valve and pressure gauge.
- ☐ Warranty: Venturi 3 years, parts 90 days.

720ASB-12P Wet/Dry

12 Gallon Wet; 1¼ Bu. Dry
Shpg. Wt. 59 lbs.
Product Code: B160097

List Price:

$1508

Note: Orders $7,000 and over must include a minimum of $1,500 NET in products other than Asbestos Vacuums.

HEPA-AIRE MACHINES ARE BUILT TO THE HIGHEST STANDARDS IN THE BUSINESS. OURS.

Our engineers were determined to produce the most leak-resistant negative air machines in the industry. In searching for applicable testing methods for machine leakage they found that previous testing programs were primarily adapted from the nuclear industry.

These test methods measured the leakage of a machine by introducing a known concentration of contaminated air into an inlet duct which feeds directly into the HEPA filter. The exhaust air is then also measured to determine how much of the contaminant has leaked through or around the HEPA filter.

This method of testing fails to take into account leakage which may occur into the cabinet (downstream from the HEPA filter) from other sources. Such sources could include cabinet seams, corners, around fasteners, casters or handles, or through the control panel. Leaks from these sources which occur downstream from the HEPA filter will allow contaminated air to be sucked into the cabinet beyond the HEPA filter and out the exhaust duct into clean areas.

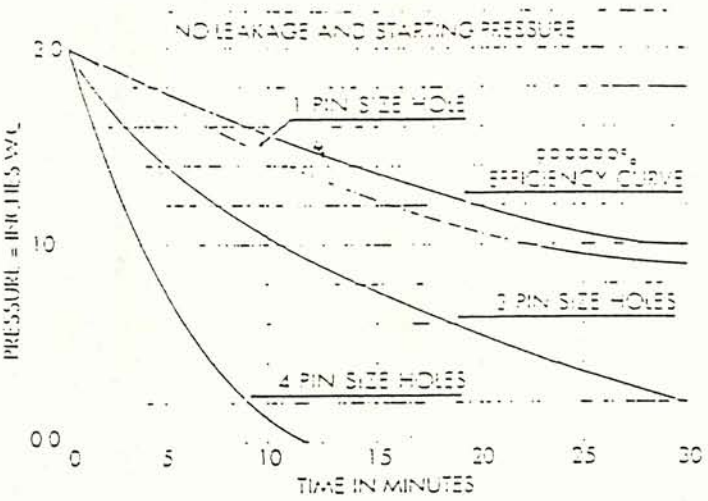
Our engineers located a test method developed by the National Sanitation Foundation (NSF) which is used for testing the integrity of biological cabinets. This test, NSF 49, is applicable to negative air machine cabinets. It tests all crucial components of the system except the HEPA filter itself, which has already been tested and certified by the manufacturer. These areas include:

1) All cabinet seams on the negative pressure side.
2) Sealing around the perimeter of the HEPA frame.
3) Sealing around the caster mounts.
4) Control panel inner box seal.

NSF 49 is essentially a cabinet pressurization test, which measures cabinet leakage by measuring pressure loss over time. Our HEPA-AIRE machines are consistently able to exceed 99.9999% efficiency as an overall system under these tests. To put this in perspective, one single pinhole leak in the cabinet would result in a rating of less than 99.9999% and a test *failure* by <u>our</u> standards.

This success reaffirms our confidence in the HEPA-AIRE AIRE-TITE™ sandwich-sealed-seams construction method and our capability to consistently and accurately control critical manufacturing tolerances.

HEPA-AIRE CABINET PRESSURE DROP VS TIME FOR ADAPTED NSF NO.49 TEST METHOD



This chart illustrates the adapted NSF Test Method #49 which measures cabinet integrity. The test is accomplished by sealing the inlet and outlet of the cabinet, and pressurizing the cabinet with air at 2" W.C. (Water Column).

The loss of air pressure is then measured over a 30 minute time interval.

This test method proves that Hepa-Aire machines are over 300 times better against leakage than current industry standards!

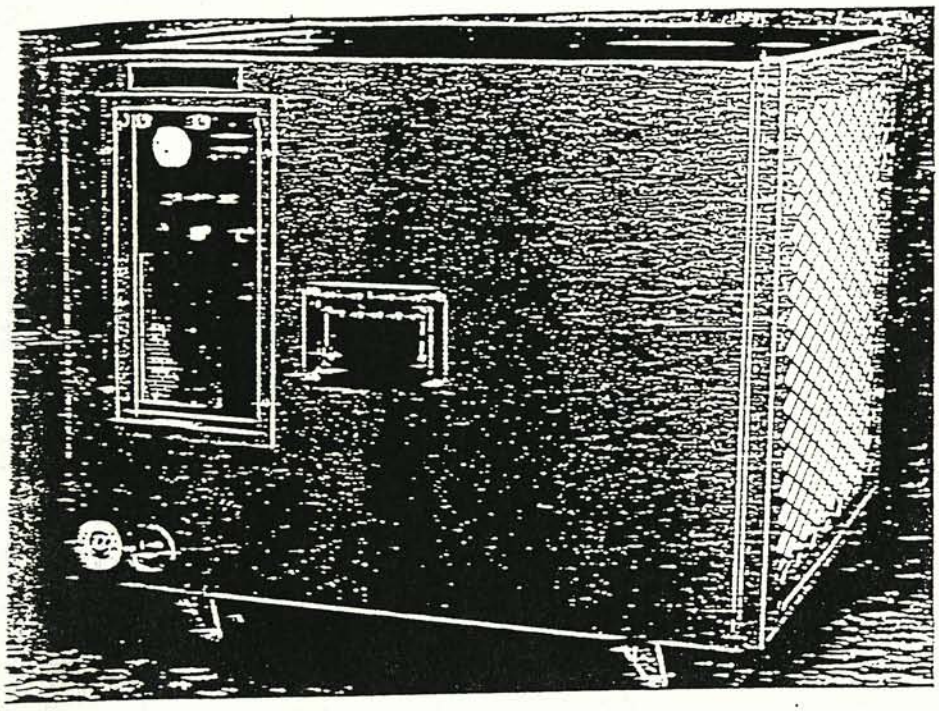
Rigorous testing of every Hepa-Aire unit assures Hepa-Aire users that they are buying the best machine in the business.

HEPA-AIRE' SPECIFICATIONS

	H1000V	H1990A	H1990C	H2000A	H2000C	H5000
NET WT. W/FILTERS	98	103	103	188	188	295
DIMENSIONS	22L 19W 24H	28L 22W 31H	28L 22W 31H	22L 28W 33H	22L 28W 33H	44L 22W 33H
ELECTRICAL REQUIREMENTS	120/15	120/15	120/15	120/15	120/15	220/20
MOTOR H.P.	0.5	1.4	1.4	1.5	1.5	3.0
THERMAL OVERLOAD PROTECTION	YES	YES	YES	YES	YES	YES
CABINET	ALUM	ALUM	ALUM	ALUM	ALUM	ALUM
CARRYING HANDLES	YES	YES	YES	YES	YES	YES
MODULAR CONTROL CABINET	YES	YES	YES	YES	YES	NO
INTERNALLY PROTECTED HEPA FILTER	YES	YES	YES	YES	YES	YES
ELECTRICAL FEATURES: GFCI	YES	YES	YES	YES	YES	NO
AUTO RESTART	YES	YES	YES	YES	YES	YES
FILTER OVERLOAD ALARMS	NO	YES	NO	YES	NO	NO
12 HOUR TIMER	YES	NO	NO	YES	NO	NO
SPEED SETTINGS	1AR	3	3	3	3	3
CIRCUIT BREAKER	YES	YES	YES	YES	YES	YES
HOUR METER	YES	YES	YES	YES	YES	YES
FILTRATION STAGES	3	3	3	3	3	3
NOMINAL FLOW RATE	1000	2000	2000	2000	2000	5000
FLEX DUCT DIAMETER	12"	12"	12"	12"	12"	14"
CASTERS	YES	YES	YES	YES	YES	YES
S-3 SANDWICH-SEALED-SEAM	YES	YES	YES	YES	YES	YES
LINK-LOCK DOOR CLOSURES	YES	YES	YES	YES	YES	YES

Performance ratings are based upon use of Abatement Technologies filters. Substitution of other brands may adversely affect the performance of these products.

IR FILTRATION



SI 2000 NEGATIVE AIR

gned to meet the negative air require- for most abatement jobs, the CRSI will effectively exchange air in a ft² area four times an hour. Weight lbs., width 30", length 36", height casters 32". Top cabinet lip allows for stacking. Spring-loaded handles fa- te loading. Comes with heavy-duty rs, intake and exhaust manifolds and power cord. Knife-edge filter seal as- 100% seal against HEPA filter by- Control panel has visual and audible ns to warn of pressure differentials ed by clogged filters, unit shut-down, ss air movement and overload. Oper- on 115 VAC, 20 amps. Provides ap- mately 2000 CFM of airflow with new rs.

k No. 070710

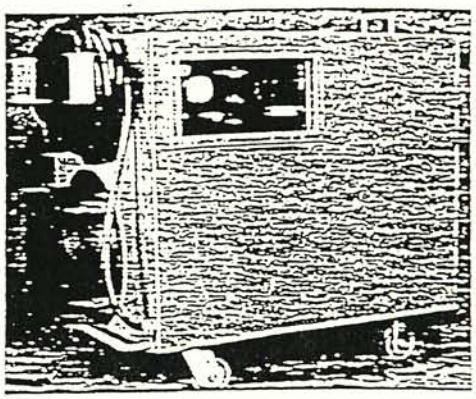
2000 STAINLESS STEEL

Same 2000 CFM unit as above with the exact same control panel, motor and blower but with a full stainless steel cabinet. If your needs call for a high-volume unit that has maximum rust protection, the 2000 Stainless Steel is the answer.

Stock No. 070807

Replacement filters CRSI 2000:
Stock No. 070711 Prefilter (30/cs.)
Stock No. 070713 Secnd. filter (12/cs.) Stock No. 070715 HEPA filter
Stock No. 071018 Lower capacity particle board HEPA

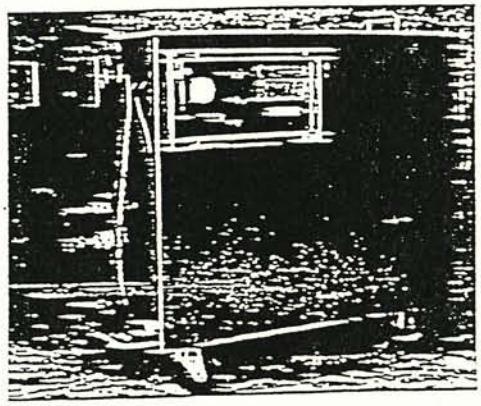
CRSI negative air filtration equipment has been designed to meet or exceed EPA and HA standards and meet ANSI Z9.2 requirements. Each CRSI negative air units tively eliminates hazardous airborne contaminants and particles down to 0.3 microns 9.97% efficiency. Models range from 300 cfm to 6000 cfm. Each system utilizes at three stages of filtration consisting of: Pre-filter - 80% synthetic weight arrestance, ondary filter - 91% synthetic weight arrestance, HEPA filter - (High Efficiency ticulate Absolute) filters 0.3 microns at 99.97%. HEPA filters with 99.999% effi- cy at 0.12 microns are also available for some models.



CRSI 1800 NEGATIVE AIR

The 1800 is a compact unit with attached power cord and holder. Include a simplified control panel with pressure gauge, filter (high-pressure) warning light and an on/off switch. Includes auto-restart feature which restarts machine after a power outage. The 1800 incorporates easy-to-change prefilters and a knife-edge HEPA seal. Carrying handles are located low on the unit for transporting ease. Heavy-duty casters and an intake manifold are included. Approximately 1800 cfm of airflow allows air to be exchanged in a 27,000 ft² area four times an hour. Weight is 250 lbs. Dimensions are 20 1/4" wide, 35 1/4" long and 28 1/2" high.

Stock No. 070765



CRSI 1800 STAINLESS STEEL

Includes the same features as the 1800, plus cabinet is constructed of stainless steel to eliminate problems associated with painted units – including scratching, chipping and rusting which require repainting.

Stock No. 070805

Replacement filters 1800 & 1800SS
Stock No. 070717 Prefilter
Stock No. 070718 Secondary filter
Stock No. 070738 HEPA filter
Stock No. 070720 Flex Duct 12" X 25'

QUALIFICATIONS of INSPECTORS

The referenced individuals are certified by the State of California, through the State Department of Industrial Relations Division of Occupational Safety and Health (DOSH) and registered with the Asbestos Consultant Certification Unit as Certified Asbestos Consultants (CAC).

The following individuals were responsible for the assessment performed in the course of this contract. Further information regarding the education, training, certification, and continuing education is on file with the employer in the individual inspector's personnel file.

STATE OF CALIFORNIA — Gray Davis, Governor

DEPARTMENT OF INDUSTRIAL RELATIONS
DIVISION OF OCCUPATIONAL SAFETY AND HEALTH
ASBESTOS CONSULTANT CERTIFICATION UNIT
2211 Park Towne Circle, Suite 1
Sacramento, CA 95825
(916) 574-2993 Fax (916) 483-0572

508101791C 113 July 7, 1999
Howard Baba
16933 Dalton Avenue, Unit 7
Gardena CA 90247

Dear Certified Asbestos Consultant or Technician:

Enclosed is your certification card. **To maintain your certification, please abide by the rules printed on the back of the certification card.**

Your certification is valid for a period of one year. If you wish to renew your certification, you must apply for renewal at least 60 days before the expiration date shown on your card. [8CCR 341.15(h)(1)].

Please hold and do not send copies of your required AHERA refresher renewal certificates to the Division until you apply for renewal of your certification.

Please inform the Division of any changes in your mailing address or work address within 15 days.

Sincerely,

Rick Axe

Rick Axe
Senior Industrial Hygienist.

RA/dor

Attachment card
Reminder Notice

cc File

class 3/96

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Howard M Baba

Certification No. **95-1791**
Expires on **8/29/2000**

Certificate Of Completion

Howard Baba

Has attended and satisfactorily passed an examination covering the contents of the course entitled:

Lead Continuing Education General

NATEC INTERNATIONAL

Certificate Number: **LCSR102999003N**
Course Director: **Rodger Sandlin**
Director:

Course Completion Date: **10/29/99**
CalOSHA Expiration Date: **10/28/00**
Teacher: **John Vreeland**

This course satisfies the continuing education requirements of the California Department of Health Services
** Possession of this certificate does not constitute DHS State Certification*

NATEC International, Inc.
7441 Anaconda Ave., Garden Grove, CA 92841
714/894-7577 800/969-3228
http://www.natecintl.com
email: nubia@natecintl.com

STATE OF CALIFORNIA Gray Davis Governor

DEPARTMENT OF INDUSTRIAL RELATIONS
DIVISION OF OCCUPATIONAL SAFETY AND HEALTH
ASBESTOS CONSULTANT CERTIFICATION UNIT
2211 Park Towne Circle, Suite 1
Sacramento, CA 95825
916) 574-2993 Fax (916) 483-0572

711242295C 154 10/18/99
Jay Yowell
671 Avenida Carmel
Colton CA 92342

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Sincerely,

Rick Axe
Senior Industrial Hygienist.

RA/dor

Attachment card
Reminder Notice

cc File

cass1 3/96

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant
Jay A. Yowell

Certification No. **97-2295**
Expires on **12/8/2000**

Certificate Of Completion

Jay Yowell

Has attended and satisfactorily passed an examination covering the contents of the course entitled:

NATEC
Lead Continuing Education General
INTERNATIONAL

Certificate Number: **LCSR102999002N**
Course Director: **Rodger Sandlin**
Director:

Course Completion Date: **10/29/99**
CalOSHA Expiration Date: **10/28/00**
Teacher: **John Vreeland**

This course satisfies the continuing education requirements of the California Department of Health Services
** Possession of this certificate does not constitute DHS State Certification*

NATEC International, Inc.
7441 Anaconda Ave., Garden Grove, CA 92841
714/894-7577 800/969-3228
http://www.natecintl.com
email: nubia@natecintl.com

The American Industrial Hygiene Association

is proud to acknowledge that

QuanTEM Laboratories
Oklahoma City, OK
Laboratory ID# 10522

has fulfilled the requirements for Industrial Hygiene Laboratory Accreditation and has earned distinguished recognition as an

AIHA IH Accredited Laboratory

Originally Accredited February 1, 1988, current certificate effective February 1, 1997 until February 1, 2000, subject to continued compliance with AIHA accreditation criteria.

D. Jeff Burton, CIH, PE, CSP
President, American Industrial Hygiene Association

June 11, 1997
Preparation Date

Mark A. Puskar, Ph.D.
Chair, Analytical Accreditation Board

357
Certificate Number

William M. Walsh, CIH
Chair, IH Laboratory Accreditation Committee

The American Industrial Hygiene Association

is proud to acknowledge that

QuanTEM Laboratories

Oklahoma City, OK

has fulfilled the requirements for and has been formally recognized by AIHA and is technically competent to perform the analyses listed in the following

SCOPE OF ACCREDITATION

INDUSTRIAL HYGIENE Originally Accredited: 02/01/88		ENVIRONMENTAL LEAD Originally Accredited: 01/31/95		ENVIRONMENTAL MICROBIOLOGY
X Metals	___Silica	X Paint Chips	X Air	___Bacteria
X Asbestos PCM	___Asbestos PLM	X Dust Wipes	X Soil	___Fungi
X Organic Solvents	X Diffusive Samples			

The above named laboratory agrees to perform all analyses listed above in the scope of accreditation according to applicable policy requirements and acknowledges that continued accreditation is dependent on successful participation in the appropriate proficiency testing programs. This laboratory may be contacted to verify the current scope of accreditation, proficiency testing performance and accreditation status. Accreditation by AIHA is not a guarantee of the validity of the data generated by the laboratory

Laboratory # 10522

Certificate # 357

Accreditation Expires: 02/01/08

Christine A. Kearney

Christine A. Kearney
Chair, Analytical Accreditation Board

James C. Rock

James C. Rock, Ph.D., PE, CIH
President, AIHA

THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

is proud to acknowledge that

QuanTEM Laboratories
Oklahoma City, OK
Laboratory ID# *10522*

has fulfilled the requirements for the Environmental Lead Laboratory Accreditation Program and has earned distinguished recognition as an

AIHA ELLAP ACCREDITED LABORATORY

01/31/1995 - 01/31/1998

In the following matrices: Paint Soil Dust Air

This program is recognized by the EPA as meeting the requirements of the National Lead Laboratory Accreditation Program established under Title X of the Residential Lead Based Paint Hazard Reduction Act of 1992 and includes paint, soil and dust wipe analysis. Air analysis is not included as part of the NLLAP.

D. Jeff Burton, CIH, PE, CSP
President, American Industrial Hygiene Association

Eric L. Botnick, Chair, Environmental
Lead Laboratory Accreditation Committee

Mark Puskar, Ph.D., Chair,
Analytical Accreditation Board

AIHA
The Essential Source

January 27, 1998

Mr Phillip H. Dang, Director
QuanTem Laboratories
2033 Heritage Park Drive
Oklahoma City OK 73120

LAB ID #10522

Dear Mr. Dang:

This letter is in response to your request for an extension to your current AIHA Environmental Lead Accreditation which has expired. The Chair of the Environmental Lead Laboratory Accreditation Committee has approved an extension until August 1, 1998. By that time the committee ballots should be complete and the certificate of reaccreditation issued. You remain AIHA accredited in Environmental lead while this extension is in effect. Your performance in the AIHA ELPAT program must be overall proficient to receive the certificate. As you have already been given an extension and this is your second, I may not issue another. Please expedite the reaccreditation process.

Feel free to contact Carl Bell to keep up with the processing of your reaccreditation. If I can assist you on any other matters, please write or call.

Sincerely,

Charlotte L. Miller
Manager, Laboratory Programs Administration

CLM

cc: C Bell

RECEIVED
JAN 30

American Industrial Hygiene Association
2700 Prosperity Ave., Suite 250, Fairfax, VA 22031
(703) 849-8888 (703) 207-3561 fax
Info Fax Service also (703) 641-INFO or internet: infonet@aiha.org

AIHA
The Essential Source

February 1, 2000

Lab ID #101352

Phillip H. Dang
QuanTEM Laboratories, LLC
2033 Heritage Park Drive
Oklahoma City, OK 73120

Dear Mr. Dang,

The Chairs of the Environmental Lead and Industrial Hygiene Laboratory Accreditation Committees have approved extensions to the current certificates of accreditation. These extensions will both expire on May 1, 2000, to allow enough time to complete the re-accreditation process. It is imperative that your laboratory meet any deadlines for submission of information to complete this process within the extended time frame. In the meantime you remain accredited by the AIHA in our Environmental Lead and Industrial Hygiene programs.

Remember that your proficiency in the ELPAT and PAT programs must be maintained for the new certificates to be issued. Please keep a copy of this letter with each certificate. If I can assist you in the future, please contact me at 703-849-8888.

Sincerely,

Fred I. Grunder, CIH
Manager, Laboratory Quality Assurance Programs

cc: Chuck O'Bryan, Chair, IHLAC
Gary Tinklenberg, Chair, ELLAC
John Scalera, EPA

2700 Prosperity Ave., Suite 250, Fairfax, VA 22031
(703) 849-8888 (703) 207-3561 fax
InfoFax Service (703) 641-INFO or internet: infonet@aiha.org

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

ISO/IEC GUIDE 25:1990
ISO 9002:1987

Certificate of Accreditation

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

QUANTEM LABORATORIES, LLC
OKLAHOMA CITY, OK

is recognized under the National Voluntary Laboratory Accreditation Program for satisfactory compliance with criteria established in Title 15, Part 285 Code of Federal Regulations. These criteria encompass the requirements of ISO/IEC Guide 25 and the relevant requirements of ISO 9002 (ANSI/ASQC Q92-1987) as suppliers of calibration or test results. Accreditation is awarded for specific services, listed on the Scope of Accreditation for:

AIRBORNE ASBESTOS FIBER ANALYSIS

September 30, 2000
Effective through

For the National Institute of Standards and Technology

NVLAP Lab Code: 101959-0

NVLAP 01C (11-95)

National Institute of Standards and Technology

NVLAP®

National Voluntary Laboratory Accreditation Program

ISO/IEC GUIDE 25:1990
ISO 9002:1987

Scope of Accreditation

AIRBORNE ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101959-0

QUANTEM LABORATORIES, LLC
2033 Heritage Park Drive
Oklahoma City, OK 73120-7579
Mr. John E. Barnett
Phone: 405-755-7272 Fax: 405-755-2058
E-Mail: quantem@ionet.net
URL: http://www.quantem.com

NVLAP Code	*Designation*
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A

September 30, 2000

Effective through

For the National Institute of Standards and Technology

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

ISO/IEC GUIDE 25:1990
ISO 9002:1987

Certificate of Accreditation

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

QUANTEM LABORATORIES, LLC
OKLAHOMA CITY, OK

is recognized under the National Voluntary Laboratory Accreditation Program for satisfactory compliance with criteria established in Title 15, Part 285 Code of Federal Regulations. These criteria encompass the requirements of ISO/IEC Guide 25 and the relevant requirements of ISO 9002 (ANSI/ASQC Q92-1987) as suppliers of calibration or test results. Accreditation is awarded for specific services, listed on the Scope of Accreditation for:

BULK ASBESTOS FIBER ANALYSIS

September 30, 2000
Effective through

For the National Institute of Standards and Technology

NVLAP Lab Code: 101959-0

NVLAP 01C (11-95)

National Institute of Standards and Technology

NVLAP®

National Voluntary Laboratory Accreditation Program

ISO/IEC GUIDE 25:1990
ISO 9002:1987

Scope of Accreditation

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

BULK ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101959-0

QUANTEM LABORATORIES, LLC
2033 Heritage Park Drive
Oklahoma City, OK 73120-7579
Mr. John E. Barnett
Phone: 405-755-7272 Fax: 405-755-2058
E-Mail: quantem@ionet.net
URL: http://www.quantem.com

NVLAP Code	*Designation*
18/A01	EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

September 30, 2000

Effective through

For the National Institute of Standards and Technology

Department of Toxic Substances Control

Edwin F. Lowry, Director
5796 Corporate Avenue
Cypress, California 90630

Winston H. Hickox
Agency Secretary
California Environmental
Protection Agency

Gray Davis
Governor

April 2, 2001

Lt. Col. Joseph Moscariello
Headquarters, 63D U.S. Army
Building 7
4235 Yorktown Ave.
Los Alamitos, California 90720

INSTALLATION RESTORATION PROGRAM (IRP) DECISION DOCUMENTS TO SUPPORT NO FURTHER ACTION (NFA) FOR ARMY RESERVE SITES IN VAN NUYS, PASADENA, UPLAND, TUSTIN, AND NORCO - CALIFORNIA

Dear Lt. Col. Moscariello:

The Department of Toxic Substances Control (DTSC) has completed the review of the following decision documents for Installation Restoration Army Reserve Centers: Site 4 - Hydraulic Lift, Area Maintenance Support Activity (AMSA) 32,Van Nuys; Site 3 - Grease Rack, Desiderio Hall, Pasadena; Site 1 - Transformer, Thrall Hall, Upland; Site 3 - Grease Rack, Tustin; and Site 1 - Grease Rack, Ingalls Hall, Norco.

Based on our review of the decision documents and their enclosures, we concur with the NFA recommendation for these sites and agree on the removal of these sites from our IRP list for the 63D Regional Support Command. Please be advised that DTSC's agreement to remove these sites from the IRP list does not represent certification or validation that the entire facilities do not have hazardous substance releases. Should DTSC become aware of potential hazardous substance releases, it will initiate appropriate action to correct the problem.

Thank you for your request. If you have any questions regarding this matter, please contact Mr. Isaac Hirbawi, Project Manager at (714) 484-5445.

Sincerely,

John E. Scandura, Chief
Southern California Branch
Office of Military Facilities

cc: See next page

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Web-site at www.dtsc.ca.gov.

Printed on Recycled Paper

Commander, 63d RSC
AFRC-CCA-ENV, Bldg 7
4235 Yorktown Ave.
Los Alamitos, California 90720-5002

25 March 2003

Record of Environmental Consideration

1. Project Title: Grease Rack Demolition at Desiderio Hall U.S. Army Reserve Center, Pasadena, California.

2. Description of Proposed Action: Headquarters, United States Army 63D Regional Support Command (RSC), proponent of this action, proposes to demolish the grease rack at Desiderio Hall U.S. Army Reserve (USAR) Center located at Pasadena, California. The grease rack consists of a concrete ramp and elevated stand used for servicing vehicles from beneath. It includes a steel stairway and walkway at one end. All elevated grease racks of this design have been discontinued from service due to safety concerns. The intent of the demolition is to eliminate any possibility of soil or groundwater contamination caused by unauthorized use of the grease rack.

The proposed project will dismantle the steel components and break up the concrete structure into manageable pieces and remove it from the site for proper disposal. Some underlying concrete may be left in place. See Enclosure 1 for the Scope of Work.

3. Environmental Considerations:

3.1 Findings: The following is the listing of environmental findings related to the upgrade project based on review of the design specifications and environmental documents.

3.1.1 Air Quality: Local air authorities must be notified of all structure demolitions under the NESHAPS requirements for asbestos. Demolition is defined as the wrecking or taking out of a load supporting structural member of a facility. It has been determined that grease racks do not meet this definition and notification is not required. Further, as grease racks are composed of standard construction concrete, no suspect asbestos containing materials are present. Demolition of concrete will generate dust that has the potential for creating nuisance dust conditions. Wetting will be used for dust control during demolition.

3.1.2 Historic Preservation: A cultural resources inventory conducted at Desiderio Hall in 1999 identified no archeological resources and concluded that the property does not appear to be eligible for the National Register of Historic Places (Enclosure 2). There are no concerns with regard to cultural resources associated with this project.

3.2 Summary: The proposed grease rack demolition at Desiderio Hall meets all air quality requirements and has no impact on cultural resources. No regulatory approvals are required. Dust control will be implemented to prevent nuisance dust conditions.

4. Anticipated Date of Proposed Action: FY 2003

5. Conclusion: The proposed action is categorically excluded, having no significant individual or cumulative environmental impacts to the site, under the provisions of Categorical Exclusions

(CX), Army Regulation 200-2, Appendix B. It requires no further environmental analysis because demolition of the grease rack does not significantly alter land use; and the project, when complete, would not in itself have a significant environmental impact. Compliance with the National Environmental Policy Act is based upon this Record of Consideration which supports a determination that this proposed action is subject to **CX g.2 Demolition of Non-Historic Buildings, Structures, or Other Improvements.** Any change in the scope, location, or timing of this proposed action will require re-evaluation and possible additional documentation.

6. Enclosures:

1. *Scope of Work, Demolition of Concrete Grease Rack, Desiderio Hall U.S. Army Reserve Center;* 63D Regional Support Command; 2003.

2. *Inventory and Evaluation of U.S. Army Reserve Facilities, 63D Regional Support Command;* Sacramento District, U.S. Army Corps of Engineers; September 1999.

Prepared by:

KEITH SCHARDEIN
Environmental Specialist (Adecco Technical)
Environmental Division
63D RSC

Approved by:

WAYNE ALVES
Supervisor Env. Protection Specialist
Environmental Division
63D RSC

Project: PO00901-3J Grease Rack Demolition – Pasadena
Location: Desiderio Hall USAR Center, 655 Westminster Drive, Pasadena, CA 91105-1512

SCOPE OF WORK
DEMOLITION OF CONCRETE GREASE RACK
DESIDERIO HALL U.S. ARMED FORCES RESERVE CENTER
PASADENA, CALIFORNIA

1.0 Background: The 63D Regional Support Command (63D RSC), U.S. Army Reserve operates the Desiderio Hall U.S. Armed Forces Reserve Center located at 655 Westminster Drive, Pasadena, California. The center includes a concrete, elevated grease rack. This project is to demolish the grease rack and restore the area.

2.0. The contractor shall furnish all labor, materials, supplies, equipment, and expenses for completing the following tasks:

2.1. Demolition and Removal:

2.1.1. Demolish the concrete grease rack and steel stairs/walkway and remove from the site for disposal. Piers shall be demolished to at least 2 ft. below grade in areas not covered by concrete. Piers shall be demolished to at least 4 in. below any concreted areas that are to be saved, as determined by the government during the site walk.

2.1.2. Provide dust control by wetting during all active concrete demolition.

2.2. Restoration: Patch damage to any and all concrete surfaces that are required to be saved, as determined by the government during the site walk. Backfill with clean soil and compact any depressions that remain in the ground after demolition.

2.3. All demolition and construction debris shall be removed from the job site at the end of the project and recycled or disposed of in accordance with federal, state and local requirements.

2.4. The contractor shall provide receipts to the Army Reserve that document disposal or recycling of debris taken offsite, including the amount of debris disposed or recycled.

3.0. Job Walk: A job walk will be scheduled to allow bidders an opportunity to view the project prior to submission of bids. Bidders are encouraged and expected to attend. Date and time of the job walk will be provided to contractors who have expressed interest in submitting a bid.

4.0. Government Point of Contact/Change Orders: The government's point of contact for this project is Mr. Wayne Alves at 562-795-1444. Other representatives may be assigned to oversee the project; however, only Mr. Alves has authority to approve change orders. All correspondence for Mr. Alves should be addressed to:

63D Regional Support Command
AFRC-CCA-ENV (W. Alves)
4235 Yorktown Ave.
Los Alamitos, CA 90720-5002

List of Suggested Bidders:

West Coast Demolition and Construction
1384 Hundley St.

ENCLOSURE 1

INVENTORY AND EVALUATION OF U.S. ARMY RESERVE FACILITIES 63D REGIONAL SUPPORT COMMAND CALIFORNIA

Prepared for:
U.S. Army Reserve
63D Regional Support Command

Prepared by:
Sacramento District
U.S. Army Corps of Engineers

September 1999

ENCLOSURE 2

Identified Sites and National Register Status: The Heroic War Dead of Oakland, and AMSA 11/85 were constructed in 1965 (63D Regional Support Commands real property list). In 1994, the Historic Preservation Plan examined the Installation in its entirety because of a proposed I-880 reconstruction project. According to the report, installations that are World War II (1939-1946) Temporary Buildings are considered to be historical districts based on the fact that they are associated with events that have made a significant contribution to the broad pattern of our history. The Heroic War Dead of Oakland and AMSA 11/85 were not built until after WWII. Since the property is less than 50 years old and is not of exceptional importance, it does not appear to meet National Register eligibility criteria.

Sacramento District staff visited the site on 3 July 1997. The Heroic War Dead and AMSA 11/85 compromise 16.74 acres along the north border of the Oakland Army Base immediately south of interstate 80, while Oakland USARC #2 is located in building 780 south of the Oakland Army Base warehouse district. All sites are highly developed and supported buildings, paved parking areas, cultivated planters, maintained lawn, and limited areas of dirt. No archeological resources were identified during the survey.

Conclusion: This facility does not appear to be eligible for the National Register.

19. Pasadena (Desiderio Hall USARC)

Previous Studies: There have not been any cultural resources studies conducted for this area based on the records check conducted on 20 August 1997 at the South Central Coastal Information Center, Los Angeles, California.

Identified Sites and National Register Status: Desiderio Hall was built in 1956 (63D Regional Support Command Real Property list). The National Park service requires properties to be at least fifty years of age to be considered a "historic property", unless the properties are of exceptional importance. Consequently, Desiderio Hall does not meet the NPS's criteria.

Sacramento District staff visited the site on 15 July 1997. The 5.0-acre site supports several buildings, extensive areas of pavement, maintained lawn, and a small area of disturbed oak grassland. No archeological resources were identified during the survey.

Conclusion: This facility does not appear to be eligible for the National Register.

20. Sacramento (Warren T. Hannum USARC, AMSA 98)

Previous Studies: PAR Environmental Services, Inc. 1995. *Historical Property Survey of the Sacramento Army Depot Redevelopment Plan EIR, Sacramento County.* Prepared for Gail Erwin Consulting.

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS

OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, AND 30

1. REQUISITION NUMBER	PAGE 1 OF 15
W80YPF-3108-N207	

2. CONTRACT NO.	3. AWARD/EFFECTIVE DATE	4. ORDER NUMBER	5. SOLICITATION NUMBER	6. SOLICITATION ISSUE DATE
ABJ15-03-M-0345	27-May-2003		DABJ15-03-Q-0164	10-May-2003

7. FOR SOLICITATION INFORMATION CALL:	a. NAME	b. TELEPHONE NUMBER (No Collect Calls)	8. OFFER DUE DATE/LOCAL TIME
	STANLEY H. DAVIS	562-795-1240	12:00 AM 23 May 2003

9. ISSUED BY CODE DABJ15

63RD REGIONAL SUPPORT COMMAND
DIRECTORATE OF CONTRACTING
4235 YORKTOWN AVE BLDG 18
ATTN: SFCA-NR-ARCC/63
LOS ALAMITOS CA 90720-5002

TEL: 562-795-1200
FAX: 562-795-1238

10. THIS ACQUISITION IS
- [X] UNRESTRICTED
- [ ] SET ASIDE: % FOR
  - [ ] SMALL BUSINESS
  - [ ] SMALL DISADV. BUSINESS
  - [ ] 8(A)

SIC: 1600
SIZE STANDARD: 500

11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED
- [ ] SEE SCHEDULE

12. DISCOUNT TERMS
Net 30 days

- [ ] 13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)

13b. RATING

14. METHOD OF SOLICITATION
- [X] RFQ
- [ ] IFB
- [ ] RFP

15. DELIVER TO CODE
DESIDERIO HALL USARC
MR. BOB WEBB
655 WESTMINSTER DRIVE
PASADENA CA 91105-1512

16. ADMINISTERED BY CODE DABJ15
63RD REGIONAL SUPPORT COMMAND
ATTN: STAN DAVIS
562-795-1240
4235 YORKTOWN AVE BLDG 18
LOS ALAMITOS CA 90702-5002

17a. CONTRACTOR/ OFFEROR CODE 1A9Y7

PERT CONSTRUCTION COMPANY INC
HOWARD SHINN
4566 WEST WASHINGTON BLVD
LOS ANGELES CA 90016

FACILITY CODE

TEL: 323-525-1770

- [ ] 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER

18a. PAYMENT WILL BE MADE BY CODE DABJ15

63RD REGIONAL SUPPORT COMMAND
ATTN: BARBARA MAXWELL
562-795-1291
4235 YORKTOWN AVE BLDG 18
LOS ALAMITOS CA 90702-5002

- [ ] 18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a. UNLESS BLOCK BELOW IS CHECKED [ ] SEE ADDENDUM

ITEM NO.	20. SCHEDULE OF SUPPLIES/ SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	SEE SCHEDULE				

25. ACCOUNTING AND APPROPRIATION DATA
See Schedule

26. TOTAL AWARD AMOUNT
$16,500.00

- [ ] 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1. 52.212-4. FAR 52.212-3. 52.212-5 ARE ATTACHED. ADDENDA [ ] ARE [ ] ARE NOT ATTACHED
- [ ] 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA [ ] ARE [ ] ARE NOT ATTACHED

28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN COPIES
- [ ] TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN.

29. AWARD OF CONTRACT: REFERENCE
- [ ] OFFER DATED . YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:

30a. SIGNATURE OF OFFEROR/CONTRACTOR

31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER) — Stanley H Davis

31c. DATE SIGNED: 23-May-2003

30b. NAME AND TITLE OF SIGNER (TYPE OR PRINT)

30c. DATE SIGNED

31b. NAME OF CONTRACTING OFFICER (TYPE OR PRINT)
STANLEY H. DAVIS, CONTRACTING OFFICER
TEL: 562-795-1240 EMAIL: stanleyh.davis@usarc-emh2.army.mil

32a. QUANTITY IN COLUMN 21 HAS BEEN
- [ ] RECEIVED
- [ ] INSPECTED
- [ ] ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED

33. SHIP NUMBER
- [ ] PARTIAL
- [ ] FINAL

34. VOUCHER NUMBER

35. AMOUNT VERIFIED CORRECT FOR

32b. SIGNATURE OF AUTHORIZED GOVT. REPRESENTATIVE

32c. DATE

36. PAYMENT
- [ ] COMPLETE
- [ ] PARTIAL
- [ ] FINAL

37. CHECK NUMBER

38. S/R ACCOUNT NUMBER

39. S/R VOUCHER NUMBER

40. PAID BY

41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT

41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER

41c. DATE

42a. RECEIVED BY (Print)

42b. RECEIVED AT (Location)

42c. DATE REC'D (YY/MM/DD)

42d. TOTAL CONTAINERS

Project: PO00901-3J Grease Rack Demolition – Pasadena
Location: Desiderio Hall USAR Center, 655 Westminster Drive, Pasadena, CA 91105-1512

Section SF 30 - BLOCK 14 CONTINUATION PAGE

INVOICE INSTRUCTIONS / POC

INVOICE INSTRUCTIONS

All invoices must include the following:

(A) Contract Number
(B) Date of Invoice
(C) Invoice Number
(D) Name of Contractor/Vendor
(E) Invoice shall be prepared per contract schedule – to include Line Item Number, Quantity, Unit, Unit Price, Amount and Total
(F) Name/Address/Phone number of person to be notified in the event of a defective invoice.

Invoices shall be prepared and submitted in quadruplicate (One stamped "Original", and three copies).
Mail invoices to the paying office (see address in block 18a)

GOVERNMENT TAX EXEMPTION: The U.S. Government is exempted from state and local taxes. The tax exemption number is: 2245016

POINTS OF CONTACT

Contractual Matters

Stanley H Davis (562) 795 1240
Barbara Maxwell (562) 795 1291

Contractors Representative

Technical Matters
Diane Clarke (562) 795 1445

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001		1	Each	$16,500.00	$16,500.00

SUPPLIES or SERVICES and COST
FFP
The Contractor shall furnish all labor, materials, supplies, equipment and expenses for completing the tasks described in the Scope of Work attached.
PURCHASE REQUEST NUMBER: W80YPF-3108-N207

NET AMT	$16,500.00
ACRN AA Funded Amount	$16,500.00

FOB: Destination

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0001	N/A	N/A	N/A	N/A

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0001	27-JUL-2003	1	DESIDERIO HALL USARC MR. BOB WEBB 655 WESTMINSTER DRIVE PASADENA CA 91105-1512 626-440-7657 FOB: Destination	

(i) The Comptroller General of the United States, or an authorized representative of the Comptroller General, shall have access to and right to examine any of the Contractor's directly pertinent records involving transactions related to this contract.

(2) The Contractor shall make available at its offices at all reasonable times the records, materials, and other evidence for examination, audit, or reproduction, until 3 years after final payment under this contract or for any shorter period specified in FAR Subpart 4.7, Contractor Records Retention, of the other clauses of this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved.

(3) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of type and regardless of form. This does not require the Contractor to create or maintain any record that the Contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

(e) Notwithstanding the requirements of the clauses in paragraphs (a), (b), (c) or (d) of this clause, the Contractor is not required to include any FAR clause, other than those listed below (and as may be required by an addenda to this paragraph to establish the reasonableness of prices under Part 15), in a subcontract for commercial items or commercial components--

(1) 52.222-26, Equal Opportunity (E.O. 11246);

(2) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era and Other Eligible Veterans (38 U.S.C. 4212);

(3) 52.222-36, Affirmative Action for Workers with Disabilities (29 U.S.C. 793);

(4) 52.247-64, Preference for Privately-Owned U.S.- Flag Commercial Vessels (46 U.S.C. 1241)(flow down not required for subcontracts awarded beginning May 1, 1996)., and

(5) 52.222-41, Service Contract Act of 1965, As Amended (41 U.S.C. 351, et seq.).

(End of clause)

52.246-21 WARRANTY OF CONSTRUCTION (MAR 1994)

(a) In addition to any other warranties in this contract, the Contractor warrants, except as provided in paragraph (i) of this clause, that work performed under this contract conforms to the contract requirements and is free of any defect in equipment, material, or design furnished, or workmanship performed by the Contractor or any subcontractor or supplier at any tier.

(b) This warranty shall continue for a period of 1 year from the date of final acceptance of the work. If the Government takes possession of any part of the work before final acceptance, this warranty shall continue for a period of 1 year from the date the Government takes possession.

(c) The Contractor shall remedy at the Contractor's expense any failure to conform, or any defect. In addition, the Contractor shall remedy at the Contractor's expense any damage to Government-owned or controlled real or personal property, when that damage is the result of--

(1) The Contractor's failure to conform to contract requirements; or

(2) Any defect of equipment, material, workmanship, or design furnished.

(d) The Contractor shall restore any work damaged in fulfilling the terms and conditions of this clause. The Contractor's warranty with respect to work repaired or replaced will run for 1 year from the date of repair or replacement.

(e) The Contracting Officer shall notify the Contractor, in writing, within a reasonable time after the discovery of any failure, defect, or damage.

(f) If the Contractor fails to remedy any failure, defect, or damage within a reasonable time after receipt of notice, the Government shall have the right to replace, repair, or otherwise remedy the failure, defect, or damage at the Contractor's expense.
(g) With respect to all warranties, express or implied, from subcontractors, manufacturers, or suppliers for work performed and materials furnished under this contract, the Contractor shall--

(1) Obtain all warranties that would be given in normal commercial practice;

(2) Require all warranties to be executed, in writing, for the benefit of the Government, if directed by the Contracting Officer; and

(3) Enforce all warranties for the benefit of the Government, if directed by the Contracting Officer.

(h) In the event the Contractor's warranty under paragraph (b) of this clause has expired, the Government may bring suit at its expense to enforce a subcontractor's, manufacturer's, or supplier's warranty.

(i) Unless a defect is caused by the negligence of the Contractor or subcontractor or supplier at any tier, the Contractor shall not be liable for the repair of any defects of material or design furnished by the Government nor for the repair of any damage that results from any defect in Government-furnished material or design.

(j) This warranty shall not limit the Government's rights under the Inspection and Acceptance clause of this contract with respect to latent defects, gross mistakes, or fraud.

(End of clause)

252.212-7001 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR EXECUTIVE ORDERS APPLICABLE TO DEFENSE ACQUISITIONS OF COMMERCIAL ITEMS (MAR 2003)

(a) The Contractor agrees to comply with the following Federal Acquisition Regulation (FAR) clause which, if checked, is included in this contract by reference to implement a provision of law applicable to acquisitions of commercial items or components.

NA____ 52.203-3 Gratuities (APR 1984) (10 U.S.C. 2207).

(b) The Contractor agrees to comply with any clause that is checked on the following list of Defense FAR Supplement clauses which, if checked, is included in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items or components.

KS

USAR FACILITIES SUPPORT REQUEST

PART A (To be completed by requestor)	REQUESTOR ID CODE	REQUEST SERIAL NUMBER	FY	TYPE	SHORT DESCRIPTION OF REQUIREMENT (PRINT)	DATE INITIATED YR	MO	DA
	P O 0	0 9 0 1 -	3	J	Demo/Remove Grease Racks	0 2	1 0	1 7

FACILITY ID CODE	BUILDING/FACILITY NUMBERS 1	2	3	4	5	6	7	8	9	10
C A 0 3 8										

FACILITY NAME	POC NAME	POC PHONE NUMBER
DESIDERIO HALL USARC	ARTHUR SMITH	6 2 6 4 4 0 7 6 7 8

DESCRIPTION OF REQUIREMENT:
See 4283 Continuation Page

JUSTIFICATION FOR REQUIREMENT:
See 4283 Continuation Page

ARTHUR SMITH — AUTHORIZED REQUESTOR: (Type or Print)
6264407678 — Phone
SIGNATURE

PART B (To be completed by Regional Engineer Approving Official Only)

APPROVAL ACTION CODE: A
REQUIREMENT TYPE: O T R
APPROPRIATION: O M A R
PROGRAM INDICATOR CODE: I
SPECIAL INTEREST CODE: E N V R
DATE OF APPROVAL:

DATE YR	MO	DA
0 3	0 3	1 9

REMARKS: 63D-03-009 6KQG

ENVIRONMENTAL IMPACT YES	NO	
☐	☐	ENVIRONMENTAL CONSIDERATION
☐	☐	EIS/EIA INITIATED
☐	☐	EIS/EIA COMPLETED

WORK TO BE PERFORMED
☐ DPW
☐ SELF HELP
☐ CONTRACT
☐ TROOP
☐ OTHER
COMMENTS:

WORK CLASS (AMSCO)	ESTIMATED COSTS Funded	Unfunded
Z	$ $20,000	$
	$	$
	$	$
	$	$
Total:	$ $20,000	$

SOURCE OF FUNDS
☐ DIRECT
☐ AUTOMATIC REIMBURSEMENT
☐ FUNDED REIMBURSEMENT

OTHER FUND CITATION

APPROVAL FOR DESIGN	DATE YR	MO	DA	PROJECT APPROVAL AUTHORITY	APPROVAL ACTION	DATE YR	MO	DA
(Please type or print name)				(Please type or print name)	☐ APPROVED			
(Signature)				(Signature)	☐ DISAPPROVED			

FORM 4283

Date of Printing : 2003/03/19

1.0 Introduction

Vernadero Group, Inc. (Vernadero) conducted a geophysical survey in conjunction with Underground Detection Services, Inc. (UDS) to determine the possible existence of underground storage tanks (USTs) indicated on reports, blue prints, and/or as-built drawings to have previously existed, with no record of removal. The study was completed using non-invasive measures only.

The facility is located at 655 Westminster Drive, Pasadena, California and includes an administration building, vehicle maintenance facilities, wash rack, asphalt paved parking areas, and other improvements.

2.0 Field Activities

2.1 Historical Data Review

Mark Bousquet of Vernadero researched the availability of facility and property as-built drawings and other site data at the 63D Regional Readiness Command (RRC) Engineering Office located in Los Alamitos, California. Keith Schardein, 63D RRC, provided historical data on UST locations to Vernadero.

2.2 Equipment and Procedures

The geophysical inspection area was centered on the suspected former location of the UST and delineated with marking paint (Appendix B, Facility Map). Grid lines were laid out at five (5) foot intervals running parallel to each other. The area was then swept with a electromagnetic profiler (EM), ground penetrating radar (GPR), and magnetic locating equipment (MAG). The particular equipment used for this survey included a GSSI Gem-300 multi-frequency electromagnetic profiler, GSSI Sir System II ground penetrating radar with 400 MHz antenna, and a Schonstedt GA-52 magnetic locator. Additional equipment specifications are available in Appendix D.

The EM produces a sinusoidal signal that is transmitted into the subsurface. This transmitted signal induces a flow of electrical current into the soil. These currents in turn induce an electromagnetic field. The presence or absence of metallic objects and voids affects this secondary field. The secondary electromagnetic field is measured, collected, and stored for later processing.

The GPR utilizes high frequency radio waves to probe the subsurface. A radio wave is emitted from the antenna and travels through the soil. If there is an anomaly below the antenna, the radio wave is reflected back. The data that is collected is displayed both in real-time, through a color display and on a hard copy, thermal fax paper.

The depth of the signal penetration is dependent upon geological factors beyond the control of the surveyor. Conductive clay and saturated soils do not allow the GPR to penetrate as deeply as resistive, sandy soils. The depth of penetration for this survey was determined to be approximately 3 feet.

The MAG locator was used to measure the magnetic field simultaneously from two separate elevations within the same piece of equipment. A high pitch sound is emitted from the equipment when in the proximity of ferrous material. The surveyor swung the equipment back and forth while traversing the survey area.

The EM was used first during the survey due to the ease and speed of data collection. If an anomaly appeared in the data of the EM, the GPR was then used to further delineate the data. The MAG was used to determine if an anomaly was iron based.

The EM was initially set up to record (4) separate frequencies for the survey, from 330 Hz to 19,950 Hz in the continuous survey mode. The multiple frequencies allow for variable depth measurements; the lower the frequency the greater the depth penetration. The continuous survey mode was set up to generate the frequencies every ½ second. The estimated depth of penetration of the frequencies for this survey was 2 feet to 8 feet. Each frequency is made up of two components, in-phase (I) and quadrature (Q). The in-phase response is typically high with metallic conductors, while the quadrature response is typically high with non-metallic conductors. The grip maps are color-coded for easy interpretation. The green areas represent neural readings while red areas represent high readings and possible anomalies. The EM data is included in Appendix C.

The GPR data that is produced is a cross section of the geology directly below the antenna. The top of the data represents the ground surface while the bottom of the page is a known depth. The data is collected and displayed from left to right, with the left being the beginning and right being the end of the particular survey line. Typical anomalies appear in white and gray coloring. A UST would have a distinctive hyperbolic curve, associated with the roundness of the tank, in the data. The GPR data is included in Appendix C.

The MAG was carried across each survey area at the sites to determine if additional metal objects could be found.

2.3 Field Inspections

Mark Bousquet of Vernadero and Richard Lund of UDS conducted an inspection of the facility on 24 May 2005. Field Inspection activities included:

- An interview of on-site facility manager to identify known or potential UST's;
- An on-site review of previously obtained as-built drawings and other information;
- Use of an EM, GPR, and MAG and preliminary analysis of the data obtained.

3.0 Findings

The data analyzed did not suggest the existence of a UST in the survey area. UST's may be present on the facility and not detected if they were not in the survey areas, deeper than the equipment is capable of detecting, were previously removed, or the tanks were collapsed and filled with compacted native soils.

The EM data indicated two possible anomalies labeled A1 and, A2 on the EM maps in Appendix C. The GPR was used to further investigate the anomalies and identified one anomaly, labeled A1 on the GPR map in Appendix C. The location of anomalies A1 and A2 are shown on the photograph in Appendix A. The data indicated that anomaly A1 were metallic objects. The MAG survey also showed a large amount of metallic objects in the area. Anomaly A2 was determined to be metallic fence posts. A water line running through the inspection area was located. This line did not appear on as-built drawings. Discussions with construction personnel on the adjacent construction site indicated that the line was a former city water main that has been terminated. An approximate location of the water line is shown on the facility map in Appendix B. A visual inspection of the line was performed in the construction area where the water line had been excavated.

4.0 Recommendations

It is the recommendation of this report that the area labeled anomaly A1 (see facility map in Appendix B) should be excavated to determine the nature of the metal objects in the survey area. These metallic objects may be related to the former UST.

APPENDIX E

REGULATORY DATABASE SEARCH REPORTS

APPENDIX E: REGULATORY DATABASE SEARCH REPORTS

CA038 Radius Map

City Directory

CA038 Std Aerial Photo 1

CA038 Sanborn 1

CA038 USGS Topo 1

CA038 USGS Topo 2

Water Quality Board

CA022-CA038 California Integrated Waste Board

Response From Air Quality Management District

The EDR Radius Map
with GeoCheck®

DESIDERIO HALL USARC
655 WESTMINSTER DR
PASADENA, CA 91105

Inquiry Number: 01715536.23r

July 14, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

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

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Detail Map	3
Map Findings Summary	4
Map Findings	6
Orphan Summary	21
Government Records Searched/Data Currency Tracking	GR-1

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Physical Setting Source Records Searched	A-10

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

655 WESTMINSTER DR
PASADENA, CA 91105

COORDINATES

Latitude (North):	34.143500 - 34° 8' 36.6''
Longitude (West):	118.164900 - 118° 9' 53.6''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	392600.1
UTM Y (Meters):	3778485.0
Elevation:	780 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	34118-B2 PASADENA, CA
Most Recent Revision:	1994

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
USARMY PASADENA ARMY RESERVE CENT 655 WETMINSTER DR PASADENA, CA 91105	RCRA-SQG FINDS HIST UST	CA2210090492
PASADENA ARMY RESERVE CENTER 655 WETMINSTER DR PASADENA, CA 91105	HAZNET	N/A
US ARMY RESERVE 655 W WESTMINSTER DR PASADENA, CA	LOS ANGELES CO. HMS	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

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

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL RECOVERY	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
RCRA-TSDF	Resource Conservation and Recovery Act Information
RCRA-LQG	Resource Conservation and Recovery Act Information
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

AWP	Annual Workplan Sites
Cal-Sites	Calsites Database
CA BOND EXP. PLAN	Bond Expenditure Plan
NFE	Properties Needing Further Evaluation
REF	Unconfirmed Properties Referred to Another Agency
SCH	School Property Evaluation Program
Toxic Pits	Toxic Pits Cleanup Act Sites
CA WDS	Waste Discharge System
WMUDS/SWAT	Waste Management Unit Database
Cortese	"Cortese" Hazardous Waste & Substances Sites List
SWRCY	Recycler Database
LUST	Geotracker's Leaking Underground Fuel Tank Report
CA FID UST	Facility Inventory Database

EXECUTIVE SUMMARY

SLIC ---------- Statewide SLIC Cases
AOCONCERN ---------- San Gabriel Valley Areas of Concern
UST ---------- Active UST Facilities
AST ---------- Aboveground Petroleum Storage Tank Facilities
SWEEPS UST ---------- SWEEPS UST Listing
CHMIRS ---------- California Hazardous Material Incident Report System
Notify 65 ---------- Proposition 65 Records
LA Co. Site Mitigation ---------- Site Mitigation List
DEED ---------- Deed Restriction Listing
VCP ---------- Voluntary Cleanup Program Properties
CLEANERS ---------- Cleaner Facilities
WIP ---------- Well Investigation Program Case List
CDL ---------- Clandestine Drug Labs
EMI ---------- Emissions Inventory Data

TRIBAL RECORDS

INDIAN RESERV ---------- Indian Reservations
INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land
INDIAN UST ---------- Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

Manufactured Gas Plants --- EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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

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

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

FEDERAL RECORDS

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/15/2006 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
MONITOR POLISHING & PLATING	***390 S PASADENA AVE***	***1/2 - 1 ESE***	***11***	***13***

EXECUTIVE SUMMARY

STATE AND LOCAL RECORDS

NFA: This category contains properties at which DTSC has made aclear determination that the property does not pose a problem to the environment or to public health.

A review of the NFA list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 NFA site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
PASADENA DESIDERIO HALL	665 WESTMINSTER DRIVE	0 - 1/8 WNW	A4	8

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, and dated 03/13/2006 has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
PASADENA CITY LANDFILL AKA ROS	360-500 NORTH ARROYO BL	1/4 - 1/2 N	10	12

EDR PROPRIETARY RECORDS

EDR Historical Auto Stations: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

A review of the EDR Historical Auto Stations list, as provided by EDR, has revealed that there are 4 EDR Historical Auto Stations sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Dist / Dir	Map ID	Page
LES SEVENTY SIX SERVICE	100 S ARROYO PKWY	0 - 1/8 W	B5	10
HALLMARK FORD	101 S ARROYO PKWY	0 - 1/8 W	B6	10
BATI IE JAS	35 S ARROYO PARKWAY	0 - 1/8 NNW	7	11
SUN CARBURETOR & ELECTRIC	199 S ARROYO PKWY	0 - 1/8 SSW	C9	11

EDR Historical Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

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

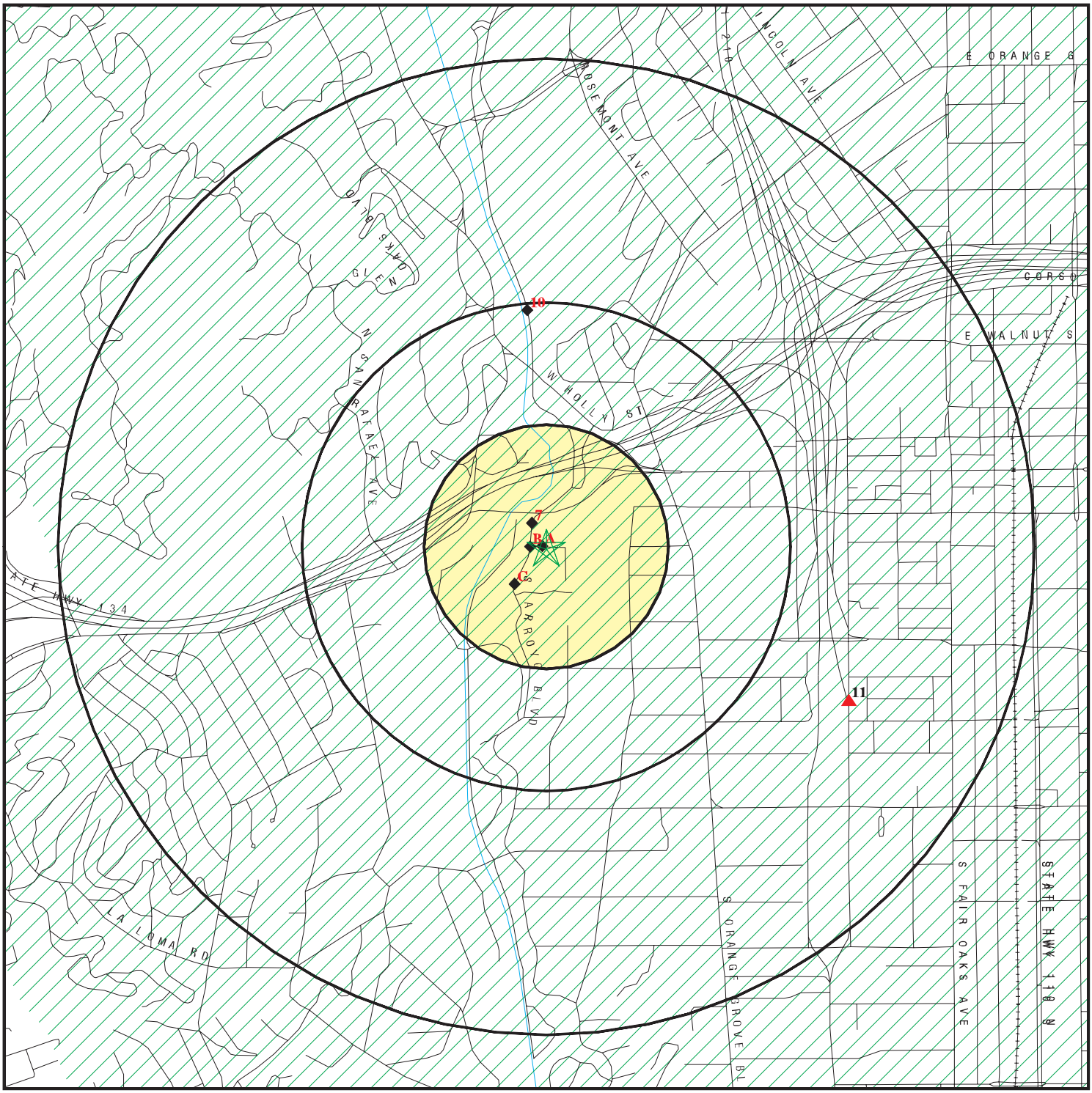
Lower Elevation	Address	Dist / Dir	Map ID	Page
PASADENA CASTING CLUB	177 S ARROYO BLVD	0 - 1/8 SW	C8	11

EXECUTIVE SUMMARY

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

Site Name	Database(s)
RUSNAK PASADENA	HAZNET, LOS ANGELES CO. HMS, SWEEPS UST
2 / 3 MI DUE SOUTH NEWPORT BEACH PIER	HAZNET, LUST, CHMIRS
MARKS MOBIL #11-HTT	UST
ARCO FACILITY #510	UST
DANISH HALL	EDR Historical Auto Stations
KNIGHTS OF PYTHIAS HALL	EDR Historical Auto Stations
CITY HALL FAIR?AV COR UNION	EDR Historical Auto Stations
KNIGHTS OF COLUMBUS HALL AND CLUB ROOM	EDR Historical Auto Stations
HALL S SERVICE STATION	EDR Historical Auto Stations

OVERVIEW MAP - 01715536.23r



0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: DESIDERIO HALL USARC	CLIENT: FMSM Engineers
ADDRESS: 655 WESTMINSTER DR PASADENA CA 91105	CONTACT: Robert Newman
LAT/LONG: 34.1435 / 118.1649	INQUIRY #: 01715536.23r DATE: July 14, 2006

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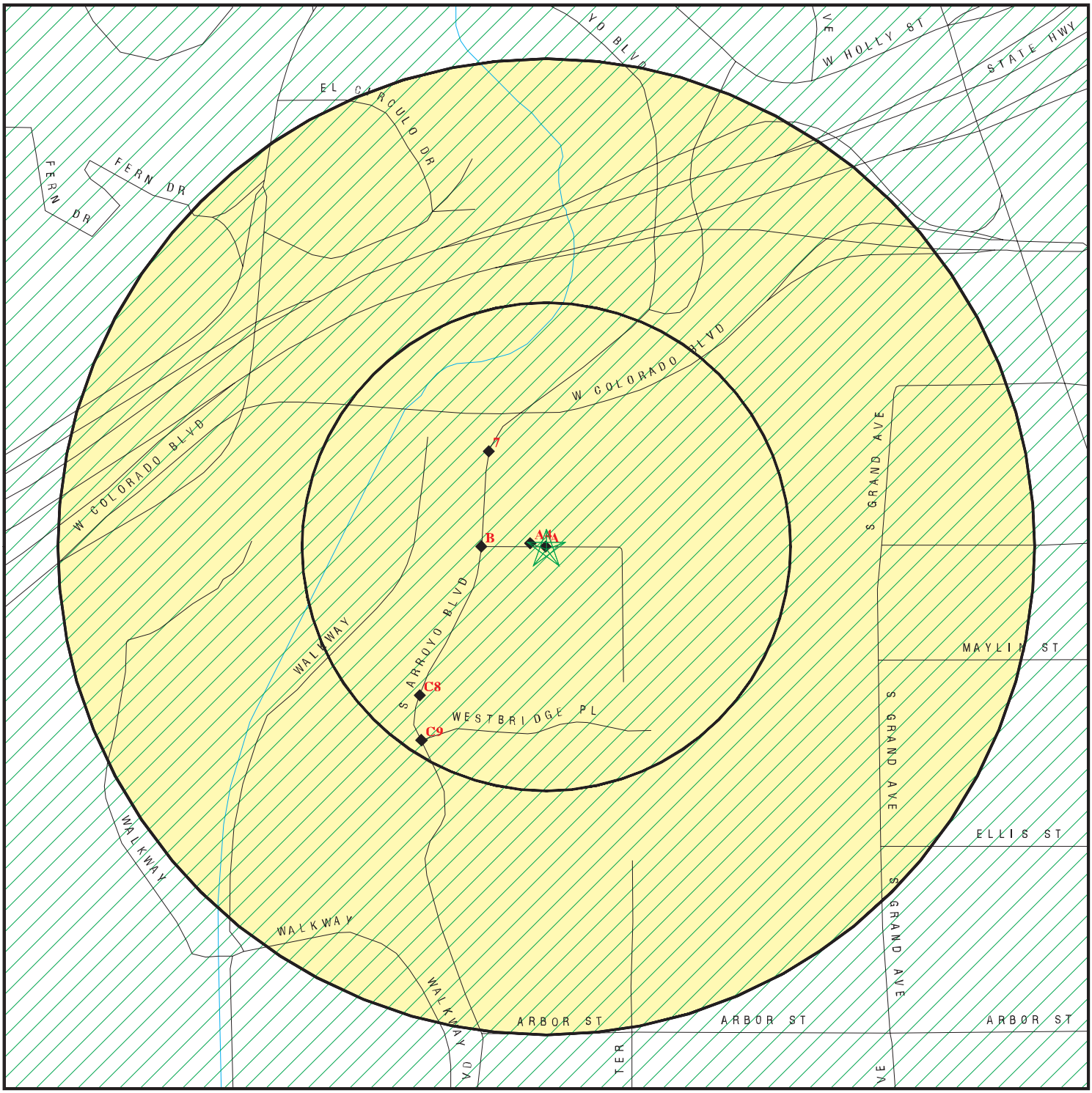
DETAIL MAP - 01715536.23r



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Landfill Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Oil & Gas pipelines

100-year flood zone

500-year flood zone

Areas of Concern

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: DESIDERIO HALL USARC ADDRESS: 655 WESTMINSTER DR PASADENA CA 91105 LAT/LONG: 34.1435 / 118.1649	CLIENT: FMSM Engineers CONTACT: Robert Newman INQUIRY #: 01715536.23r DATE: July 14, 2006

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL RECORDS								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	1	NR	1
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.	X	0.250	0	0	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
STATE AND LOCAL RECORDS								
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	0	0	NR	0
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
NFA		0.250	1	0	NR	NR	NR	1
NFE		0.250	0	0	NR	NR	NR	0
REF		0.250	0	0	NR	NR	NR	0
SCH		0.250	0	0	NR	NR	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	1	NR	NR	1
CA WDS		TP	NR	NR	NR	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
Cortese		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA FID UST		0.250	0	0	NR	NR	NR	0
SLIC		0.500	0	0	0	NR	NR	0
AOCONCERN		1.000	0	0	0	0	NR	0
UST		0.250	0	0	NR	NR	NR	0
HIST UST	X	0.250	0	0	NR	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
SWEEPS UST		0.250	0	0	NR	NR	NR	0
CHMIRS		TP	NR	NR	NR	NR	NR	0
Notify 65		1.000	0	0	0	0	NR	0
LA Co. Site Mitigation		TP	NR	NR	NR	NR	NR	0
DEED		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
Los Angeles Co. HMS	X	TP	NR	NR	NR	NR	NR	0
WIP		0.250	0	0	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
HAZNET	X	TP	NR	NR	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
TRIBAL RECORDS								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	4	0	NR	NR	NR	4
EDR Historical Cleaners		0.250	1	0	NR	NR	NR	1

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **USARMY PASADENA ARMY RESERVE CENTER** **RCRA-SQG** **1000145459**
Target **655 WETMINSTER DR** **FINDS** **CA2210090492**
Property **PASADENA, CA 91105** **HIST UST**

Site 1 of 4 in cluster A

Actual:
779 ft.

RCRAInfo:
Owner: US ARMY
(415) 555-1212
EPA ID: CA2210090492

Contact: ENVIRONMENTAL MANAGER
(213) 681-6251

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

UST HIST:

Facility ID:	68623	Owner Name:	HQ 7TH INF. DIV. AND FORT ORD
Total Tanks:	1	Region:	STATE
Owner Address:	AFZW-DE-E FORT ORD, CA 93941 - 5777		
Tank Used for:	WASTE		
Tank Num:	1	Container Num:	1PA
Tank Capacity:	00005000	Year Installed:	Not reported
Type of Fuel:	2	Tank Construction:	X centimeters
Leak Detection:	None		
Contact Name:	GARY SANDS	Telephone:	(213) 795-0415
Facility Type:	Other	Other Type:	MILITARY

A2 **PASADENA ARMY RESERVE CENTER** **HAZNET** **S102791245**
Target **655 WETMINSTER DR** **N/A**
Property **PASADENA, CA 91105**

Site 2 of 4 in cluster A

Actual:
779 ft.

HAZNET:

Gepaid:	CA2210090492
TSD EPA ID:	CAT080013352
Gen County:	Los Angeles
Tsd County:	Los Angeles
Tons:	1.71
Facility Address 2:	Not reported
Waste Category:	Oil/water separation sludge
Disposal Method:	Recycler
Contact:	GARY HAAS/ENO PROT SPEC
Telephone:	0
Mailing Name:	63D REG SUPRT COMD AFCR-CCA-EN
Mailing Address:	4235 YORK TOWN AVE LOS ALAMITOS, CA 91105 - 1512
County	Los Angeles

PASADENA ARMY RESERVE CENTER (Continued) **S102791245**

Gepaid: CA2210090492
TSD EPA ID: CAD050806850
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 0.11
Facility Address 2: Not reported
Waste Category: Aqueous solution with 10% or more total organic residues
Disposal Method: Transfer Station
Contact: Not reported
Telephone: (000) 000-0000
Mailing Name: Not reported
Mailing Address: 655 WESTMINSTER DR
PASADENA, CA 91105 - 1512
County Los Angeles

Gepaid: CA2210090492
TSD EPA ID: CAD050806850
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 0.037
Facility Address 2: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Contact: Not reported
Telephone: (000) 000-0000
Mailing Name: Not reported
Mailing Address: 655 WESTMINSTER DR
PASADENA, CA 91105 - 1512
County Los Angeles

Gepaid: CA2210090492
TSD EPA ID: CAD050806850
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 0.084
Facility Address 2: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Contact: Not reported
Telephone: (000) 000-0000
Mailing Name: Not reported
Mailing Address: 655 WESTMINSTER DR
PASADENA, CA 91105 - 1512
County Los Angeles

Gepaid: CA2210090492
TSD EPA ID: CAD050806850
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 0.097
Facility Address 2: Not reported
Waste Category: Pesticide rinse water
Disposal Method: Transfer Station
Contact: Not reported
Telephone: (000) 000-0000
Mailing Name: Not reported
Mailing Address: 655 WESTMINSTER DR
PASADENA, CA 91105 - 1512

PASADENA ARMY RESERVE CENTER (Continued) **S102791245**

County Los Angeles

Click this hyperlink while viewing on your computer to access
10 additional CA HAZNET record(s) in the EDR Site Report.

A3 **US ARMY RESERVE** **LOS ANGELES CO. HMS** **S106852861**
Target **655 W WESTMINSTER DR** **N/A**
Property **PASADENA, CA**

Site 3 of 4 in cluster A

Actual:
779 ft.

HMS:

Facility Id:	014593-015219		
Region:	LA		
Area:	3J		
Facility Type:	Not reported		
Permit Number:	Not reported	Permit Status:	Not reported
Facility Status:	OPEN		
Region:	Los Angeles County:		

A4 **PASADENA DESIDERIO HALL** **NFA** **S103393786**
WNW **665 WESTMINSTER DRIVE** **N/A**
< 1/8 **PASADENA, CA 91105**
42 ft.

Site 4 of 4 in cluster A

Relative:
Lower

NFA:

Actual:
776 ft.

Facility ID	19970018
Dtsc Region Code :	3
Region Code Definition :	GLENDALE
County Code :	19
Site Name Under :	USARC PASADENA
Current Status Date :	05072001
Current Status Code :	DLIST
Current Status :	DELISTED
Lead Agency Code :	DTSC
Lead Agency :	DEPT OF TOXIC SUBSTANCES CONTROL
Site Type Code :	OPEN
Site Type :	OPEN MILITARY BASE
National Priorities List :	N
Tier :	Not reported
Source Of Funding Code :	Not reported
Staff Member :	Not reported
Supervisor :	Not reported
Sic Code :	97
Sic Code Definition :	NATIONAL SECURITY/INTERNATIONAL AFFAIRS
Site Mitigatn & Brnflds Reuse Prog (SMBR) Code :	SO
SMBR Branch :	OMF-SOUTHERN CALIF
Regional Water Quality Control Board :	Not reported
RWQCB Definition :	Not reported
Site Access Controlled :	Not reported
Listed In Haz Wst & Substncs Sites List (CORTESE):	Not reported
Date Hazard Ranked :	Not reported
GW Contamination Suspected :	Not reported
# Of Sources Contributing To Contamination :	0
Lat/Long :	0˚ 0´ 0˝ / 0˚ 0´ 0˝
Direction Lat :	Not reported
Direction Long :	Not reported

PASADENA DESIDERIO HALL (Continued) **S103393786**

Lat/long Method : Not reported
Entity Lat/long Coordinates Refer To : Not reported
State Assembly Distt Code : 44
State Senate Distt Code : 21
Identifying Code: Not reported
ID Value: Not reported
Other ID Desc: Not reported
Alternate Name(s): USARC PASADENA
Alternate Name(s): PASADENA DESIDERIO HALL
Address(es) : 665 WESTMINSTER DRIVE
PASADENA, CA 91105
Background Info : Site 05 consists of an inactive vehicle wash rack with an oil wat er separator and associated piping. It was used to wash military vehicle and engine parts. The site was abandoned in 1990. The contaminants of concern at this site are POL, solvents and heavy metals.
Facility Id : 19970018
AWP Activities Code : 15002602
DTSC Site Activity Code : PEA
Activity Code Def: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Activity Id : SITE3
Dt Activity Due For Completion : 02082001
Revised Due Date : Not reported
Date Activity Completed : 02082001
Est # Of Person-years To Complete : 0
Est. Size Of An Activity Code : Not reported
Site Status When Activity Commitment Made : DLIST
Status Code Definition : DELISTED
Cubic Yards Of Solids Removed At Completion : 0
Gallons Of Liquid Removed Upon Completion : 0
Cubic Yards Of Solids Treated Upon Completion : 0
Actvty Deleted Via Commitmnt/Completns Screen : ST
Facility Id : 19970018
AWP Activities Code : 25002601
DTSC Site Activity Code : DLIST
Activity Code Def: DELISTED
AWP Activity Id : SITE3
Dt Activity Due For Completion : Not reported
Revised Due Date : Not reported
Date Activity Completed : 05072001
Est # Of Person-years To Complete : 0
Est. Size Of An Activity Code : Not reported
Site Status When Activity Commitment Made : DLIST
Status Code Definition : DELISTED
Cubic Yards Of Solids Removed At Completion : 0
Gallons Of Liquid Removed Upon Completion : 0
Cubic Yards Of Solids Treated Upon Completion : 0
Actvty Deleted Via Commitmnt/Completns Screen : ST
Special Program Code: Not reported
Special Program : Not reported
Comments Date : 02082001
Comments : PEA -SITE 3(GREASE RACK): The objective of the Site Investigation (SI) is to assess the nature and extent of contamination through soil gas sampling and soil sampling. A total of twelve soil gas samples were collected at approximately 15-feet below ground sur face (bgs) from 12 borings. Data from the soil gas samples were

PASADENA DESIDERIO HALL (Continued) **S103393786**

used to select three soil boring locations for collection of subs urface soil samples. The subsurface soil samples were collected at depths of 1,5,10 and 20 feet bgs for a total of twelve samples . Based on the findings of the SI, DTSC concurred with the repor t's No Further Action recommendation in a letter dated February 8 , 2001.
DLIST - SITE 3 (GREASE RACK): The purpose of the decision documen t is to present the selected action for the Site 3 - grease rack in accordance with the Comprehensive Environmental Response, Comp ensation and Liability Act (CERCLA). It has been determined that the selected remedy of No Further Action (NFA) is protective of human health and the environment. The decision document describe s the selected action based on the results of the Preliminary Ass essment (PA) and Site investigation (SI) reports conducted under the Installation Restoration Program (IRP). DTSC concurred with the decision document's NFA recommendation in a letter dated Apri l 2, 2001. DTSC's agreement to remove this site from the IRP list does not represent certification or validation that the entire f acility does not have any hazardous substance releases. Should D TSC become aware of potential hazardous substance releases, it wi ll initiate appropriate action to correct the problem.

B5 **LES SEVENTY SIX SERVICE** **EDR Historical Auto Stations** **1009018697**
West **100 S ARROYO PKWY** **N/A**
< 1/8 **PASADENA, CA**
174 ft.

Site 1 of 2 in cluster B

Relative: Lower

Actual: 767 ft.

EDR Auto Stations:

Name:	LES SEVENTY SIX SERVICE
Year:	1971
Type:	GASOLINE STATIONS
Name:	LES SEVENTY SIX SERVICE
Year:	1971
Type:	GASOLINE STATIONS
Name:	UNION OIL SERVICE
Year:	1965
Type:	GASOLINE STATIONS
Name:	UNION OIL SERVICE
Year:	1965
Type:	GASOLINE STATIONS

B6 **HALLMARK FORD** **EDR Historical Auto Stations** **1009016397**
West **101 S ARROYO PKWY** **N/A**
< 1/8 **PASADENA, CA**
174 ft.

Site 2 of 2 in cluster B

Relative: Lower

Actual: 767 ft.

EDR Auto Stations:

Name:	HALLMARK FORD
Year:	1965
Type:	AUTOMOBILE REPAIRING
Name:	HALLMARK FORD
Year:	1965

HALLMARK FORD (Continued) **1009016397**

Type: AUTOMOBILE REPAIRING

Name: PKWAY FORD SALES
Year: 1951
Type: AUTOMOBILE REPAIRING

Name: PARKWAY FORD SALES
Year: 1947
Type: AUTOMOBILE REPAIRING

Name: PARKWAY FORD SALES
Year: 1947
Type: AUTOMOBILE BRAKE SERVICE

Name: PARKWAY FORD. SALES
Year: 1947
Type: AUTOMOBILE REPAIRING

7
NNW
< 1/8
300 ft.

BATI IE JAS **EDR Historical Auto Stations** **1009051222**
35 S ARROYO PARKWAY **N/A**
PASADENA, CA

Relative:
Lower

Actual:
768 ft.

EDR Auto Stations:
Name: BATI IE JAS
Year: 1951
Type: GASOLINE STATIONS

C8
SW
< 1/8
526 ft.

PASADENA CASTING CLUB **EDR Historical Cleaners** **1009162837**
177 S ARROYO BLVD **N/A**
PASADENA, CA

Site 1 of 2 in cluster C

Relative:
Lower

Actual:
767 ft.

EDR Cleaners:
Name: PASADENA CASTING CLUB
Year: 1971
Type: CLEANERS AND DYERS

C9
SSW
< 1/8
622 ft.

SUN CARBURETOR & ELECTRIC **EDR Historical Auto Stations** **1009017020**
199 S ARROYO PKWY **N/A**
PASADENA, CA

Site 2 of 2 in cluster C

Relative:
Lower

Actual:
764 ft.

EDR Auto Stations:
Name: SUN CARBURETOR & ELECTRIC
Year: 1961
Type: AUTOMOBILE REPAIRING

Name: SUN CARBURETOR & ELECTRIC
Year: 1961
Type: AUTOMOBILE REPAIRING

Name: SURBURETOR & ELECTRIC
Year: 1956
Type: AUTOMOBILE REPAIRING

SUN CARBURETOR & ELECTRIC (Continued) **1009017020**

Name: SURBURETOR & ELECTRIC
Year: 1956
Type: AUTOMOBILE REPAIRING

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10 PASADENA CITY LANDFILL AKA ROSE BOWL DUM SWF/LF S106198548
North 360-500 NORTH ARROYO BLVD. N/A
1/4-1/2 PASADENA, CA
2569 ft.

Relative: Lower

Actual: 757 ft.

LF:
Facility ID: 19-AC-5006 Operator: Not reported
Operator Addr:
Date: Not reported
Address: Not reported
Prep By: Not reported
DOHS Number: Not reported
CUP Number: Not reported
CIWMB: Not reported
Activity: Solid Waste Disposal Site
Operator's Status: Closed
Owner: City of Pasadena
Facility Phone 2 : Not reported
Owner Address: Not reported
100 North Garfield Avenue
Pasadena, CA 91109
Operator Phone: Not reported Owner Telephone: (322) 405-4000
Regulation Status: Unpermitted Region: STATE
Location: Not reported
Parcel Num: Not reported
Parcel Num 2 : Not reported
Land Use: Not reported
Sig. Change Since Last Visit: Not reported
Site Size: Not reported
Other Observations: Not reported
Issue And Observations: Not reported
Recommendations / Follow Up: Not reported
Program Type: Not reported
Public Notice: Not reported
PERMTIER: Not reported
Lat/Long: 34 / -118 Permit Date: Not reported
Accepted Waste: Construction/demolition,Inert
Restrictions:

Status : Not reported Swisnumber : Not reported
Site Type : Not reported Aka : Not reported
Type Of Waste : Not reported Disposal Area : Not reported
SWFP Date : Not reported WDR Number : Not reported
Dates Operation : Not reported Closure Approve : Not reported
Dt Of Field Units : Not reported Surface Condition : Not reported
Lea Date : Not reported Reassess Site : Not reported
Leachate : Not reported Emrgncy Response: Not reported
Landfill Gas : Not reported
Priority For Site Assessment : Not reported
Other Recommendation : Not reported
Explanation: Not Reported
No Further Action: Not Reported
Permitted Throughput with Units: Not reported
Actual Throughput with Units: Not reported

PASADENA CITY LANDFILL AKA ROSE BOWL DUM (Continued) **S106198548**

Actual Capacity with Units: Not reported
Permitted Capacity with Units: Not reported
Remaining Capacity with Units: Not reported
Permitted Total Acreage: 0
Remaining Capacity : Not reported
Fill Area: Not reported
Landuse Name: Commercial
Permit Status: Not reported
Unit Number: 01
Closure Type: Not reported
Year Opened: Not reported
Inspec Frequency : Annual
GIS Source: Map
Category: Disposal
Closure Date: / /
Disposal Acreage: 0.7
Year Closed: Not reported
Last Waste Tire Inspection Count : Not reported
Last Waste Tire Inspection Date: Not reported
Original Waste Tire Count: Not reported
Original Waste Tire Count Date: Not reported
Type Of Refuse: Not reported
Avg Depth Of Fill: Not reported
Addtl Expansion Area: Not reported
Site Description: Not Reported

11
ESE
1/2-1
3668 ft.

Relative:
Higher

Actual:
815 ft.

MONITOR POLISHING & PLATING
390 S PASADENA AVE
PASADENA, CA 91105

CERCLIS **1000264846**
RCRA-SQG **CAD066233834**
FINDS
HAZNET
CHMIRS
CORRACTS
HIST UST
EMI

CERCLIS Classification Data:
Federal Facility: Not a Federal Facility
Non NPL Status: SR
NPL Status: Not on the NPL
Contact: Betsy Curnow Contact Tel: (415) 972-3093
Contact Title: Not reported
Contact: Jere Johnson Contact Tel: (415) 972-3094
Contact Title: Not reported
Site Description: DTSC
CERCLIS Assessment History:
Assessment: DISCOVERY Completed: 01/01/1991
Assessment: PRELIMINARY ASSESSMENT Completed: 09/13/1991
CERCLIS Site Status:
Deferred to RCRA (Subtitle C)

CORRACTS Data:

EPA Id: CAD066233834
Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 08/18/1991
Corrective Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
2002 NAICS Title: Electroplating, Plating, Polishing, Anodizing, and Coloring
Ship Building and Repairing

MONITOR POLISHING & PLATING (Continued) **1000264846**

RCRAInfo Corrective Action Summary:
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date: 08/18/1991

RCRAInfo:
Owner: MORGAN DAVID
(213) 796-1551
EPA ID: CAD066233834

Contact: Not reported

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: 264.140-150.H
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined: 01/31/1989
Actual Date Achieved Compliance: Not reported

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/31/1989
Penalty Type: Not reported

Regulation Violated: 270
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 01/11/1989
Actual Date Achieved Compliance: 02/28/1989

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 02/24/1989
Penalty Type: Not reported

Regulation Violated: 264.140-150.H
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined: 12/05/1986
Actual Date Achieved Compliance: Not reported

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 01/26/1987
Penalty Type: Not reported

There are 3 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19890228
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

MONITOR POLISHING & PLATING (Continued) **1000264846**

CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) is the Superfund database that is used to support management in all phases of the Superfund program. The system contains information on all aspects of hazardous waste sites, including an inventory of sites, planned and actual site activities, and financial information.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZNET:

Gepaid:	CAD066233834
TSD EPA ID:	Not reported
Gen County:	Los Angeles
Tsd County:	Los Angeles
Tons:	12.51
Facility Address 2:	Not reported
Waste Category:	Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
Disposal Method:	Recycler
Contact:	MIKE MERCADO
Telephone:	(818) 796-1551
Mailing Name:	Not reported
Mailing Address:	390 S PASADENA AVE PASADENA, CA 91105 - 1839
County	Not reported

Gepaid:	CAD066233834
TSD EPA ID:	Not reported
Gen County:	Los Angeles
Tsd County:	Los Angeles
Tons:	21.67
Facility Address 2:	Not reported
Waste Category:	Aqueous solution with metals (restricted levels and Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc))
Disposal Method:	Recycler
Contact:	MIKE MERCADO
Telephone:	(818) 796-1551
Mailing Name:	Not reported
Mailing Address:	390 S PASADENA AVE PASADENA, CA 91105 - 1839
County	Not reported

MONITOR POLISHING & PLATING (Continued) **1000264846**

Gepaid: CAD066233834
TSD EPA ID: Not reported
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 18.76
Facility Address 2: Not reported
Waste Category: Unspecified aqueous solution
Disposal Method: Recycler
Contact: MIKE MERCADO
Telephone: (818) 796-1551
Mailing Name: Not reported
Mailing Address: 390 S PASADENA AVE
PASADENA, CA 91105 - 1839
County Not reported

Gepaid: CAD066233834
TSD EPA ID: Not reported
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 0.20
Facility Address 2: Not reported
Waste Category: Liquids with cyanides > 1000 mg/l
Disposal Method: Transfer Station
Contact: MIKE MERCADO
Telephone: (818) 796-1551
Mailing Name: Not reported
Mailing Address: 390 S PASADENA AVE
PASADENA, CA 91105 - 1839
County Not reported

Gepaid: CAD066233834
TSD EPA ID: Not reported
Gen County: Los Angeles
Tsd County: Los Angeles
Tons: 10.42
Facility Address 2: Not reported
Waste Category: Liquids with cyanides > 1000 mg/l
Disposal Method: Recycler
Contact: MIKE MERCADO
Telephone: (818) 796-1551
Mailing Name: Not reported
Mailing Address: 390 S PASADENA AVE
PASADENA, CA 91105 - 1839
County Not reported

Click this hyperlink while viewing on your computer to access
40 additional CA HAZNET record(s) in the EDR Site Report.

CHMIRS:
OES Control Number: 02-1934
Extent of Release: Not reported
Property Use: Not reported
Incident Date: Not reported
Date Completed: Not reported
Time Completed : Not reported
Agency Id Number : Not reported
Agency Incident Number : Not reported
OES Incident Number : 02-1934

MONITOR POLISHING & PLATING (Continued) **1000264846**

Time Notified :	Not reported
Surrounding Area :	Not reported
Estimated Temperature :	Not reported
Property Management :	Not reported
More Than Two Substances Involved? :	Not reported
Special Studies 1 :	Not reported
Special Studies 2 :	Not reported
Special Studies 3 :	Not reported
Special Studies 4 :	Not reported
Special Studies 5 :	Not reported
Special Studies 6 :	Not reported
Resp Agncy Personel # Of Decontaminated :	Not reported
Others Number Of Decontaminated :	Not reported
Others Number Of Injuries :	Not reported
Others Number Of Fatalities :	Not reported
Vehicle Make/year :	Not reported
Vehicle License Number :	Not reported
Vehicle State :	Not reported
Vehicle Id Number :	Not reported
CA/DOT/PUC/ICC Number :	Not reported
Company Name :	Not reported
Reporting Officer Name/ID :	Not reported
Report Date :	Not reported
Comments :	Not reported
Facility Telephone Number :	Not reported
Waterway Involved :	Yes
Waterway :	storm drain
Spill Site :	Not reported
Cleanup By :	Unknown
Containment :	Not reported
What Happened :	Not reported
Type :	Not reported
Other :	Not reported
Substance :	CH92
Quantity Released :	
E Date :	Not reported
Contained :	No
Site Type :	Merchant/Business
Evacuations :	0
Num Of Injuries :	0
Num Of Fatalities :	0
Date/Time :	Not reported
Year :	2002
Agency :	Burbank Fire Dept.
BBLS :	0
Cups :	0
CUFT :	0
Gallons :	0
Grams :	0
Pounds :	0
Liters :	0
Ounces :	0
Pints :	0
Quarts :	0
Sheen :	0
Tons :	0
Unknown :	0

MONITOR POLISHING & PLATING (Continued) **1000264846**

Description : The materials were released as a result of a structure fire at a plating company.
Incident date : 4/9/200212:00:00 AM
Admin Agency : Pasadena Fire Department
OES date : Not reported
OES time : Not reported
OES notification : 4/9/200206:22:03 AM
Amount : Not reported

UST HIST:

Facility ID:	3116	Owner Name:	DAVID MORGAN
Total Tanks:	3	Region:	STATE
Owner Address:	17091 ARIES DR. YORBA LINDA, CA 92686		
Tank Used for:	WASTE		
Tank Num:	1	Container Num:	1
Tank Capacity:	00000000	Year Installed:	Not reported
Type of Fuel:	Not reported	Tank Construction:	Not Reported
Leak Detection:	Visual		
Contact Name:	Not reported	Telephone:	(818) 796-1551
Facility Type:	Other	Other Type:	ELECTRO PLATING

Facility ID:	3116	Owner Name:	DAVID MORGAN
Total Tanks:	3	Region:	STATE
Owner Address:	17091 ARIES DR. YORBA LINDA, CA 92686		
Tank Used for:	WASTE		
Tank Num:	2	Container Num:	2
Tank Capacity:	00000000	Year Installed:	Not reported
Type of Fuel:	Not reported	Tank Construction:	Not Reported
Leak Detection:	Visual		
Contact Name:	Not reported	Telephone:	(818) 796-1551
Facility Type:	Other	Other Type:	ELECTRO PLATING

Facility ID:	3116	Owner Name:	DAVID MORGAN
Total Tanks:	3	Region:	STATE
Owner Address:	17091 ARIES DR. YORBA LINDA, CA 92686		
Tank Used for:	WASTE		
Tank Num:	3	Container Num:	3
Tank Capacity:	00000000	Year Installed:	Not reported
Type of Fuel:	Not reported	Tank Construction:	Not Reported
Leak Detection:	Visual		
Contact Name:	Not reported	Telephone:	(818) 796-1551
Facility Type:	Other	Other Type:	ELECTRO PLATING

EMISSIONS :

Year :	1995
Facility ID :	1904
Air District Code :	SC
SIC Code :	3471
Air Basin :	SC
Air District Name :	SOUTH COAST AQMD
Community Health Air Pollution Info System :	Not reported
Consolidated Emission Reporting Rule :	Not reported
County Code :	19
County ID :	19
Total Organic Hydrocarbon Gases Tons/Yr:	6

MONITOR POLISHING & PLATING (Continued) **1000264846**

Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1996
Facility ID : 103114
Air District Code : SC
SIC Code : 3471
Air Basin : SC
Air District Name : SOUTH COAST AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 19
County ID : 19
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1997
Facility ID : 103114
Air District Code : SC
SIC Code : 3471
Air Basin : SC
Air District Name : SOUTH COAST AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 19
County ID : 19
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1998
Facility ID : 103114
Air District Code : SC
SIC Code : 3471
Air Basin : SC
Air District Name : SOUTH COAST AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 19
County ID : 19
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0

MONITOR POLISHING & PLATING (Continued) **1000264846**

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 1999
Facility ID : 103114
Air District Code : SC
SIC Code : 3471
Air Basin : SC
Air District Name : SOUTH COAST AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 19
County ID : 19
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 2000
Facility ID : 103114
Air District Code : SC
SIC Code : 3471
Air Basin : SC
Air District Name : SOUTH COAST AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 19
County ID : 19
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

Year : 2001
Facility ID : 103114
Air District Code : SC
SIC Code : 3471
Air Basin : SC
Air District Name : SOUTH COAST AQMD
Community Health Air Pollution Info System : Not reported
Consolidated Emission Reporting Rule : Not reported
County Code : 19
County ID : 19
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr : 0
Part. Matter 10 Micrometers and Smaller Tons/Yr : 0

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LOS ANGELES COUNTY	S105642458		2 / 3 MI DUE SOUTH NEWPORT BEACH PIER		HAZNET, LUST, CHMIRS
PASADENA	U003940464	MARKS MOBIL #11-HTT	290 S. ARROYO PARK WAY	91105	UST
PASADENA	U003937963	ARCO FACILITY #510	125 E. CALIFORNIA AVE.	91105	UST
PASADENA	U003060988	RUSNAK PASADENA	325 W COLORADO BLVD	91105	HAZNET, LOS ANGELES CO. HMS, SWEEPS UST
PASADENA	1009014943	DANISH HALL	1475 LINCOLN AVE		EDR Historical Auto Stations
PASADENA	1009014955	KNIGHTS OF PYTHIAS HALL	27 MARY ST		EDR Historical Auto Stations
PASADENA	1009014938	CITY HALL FAIR?AV COR UNION	OAKS AVE		EDR Historical Auto Stations
PASADENA	1009014954	KNIGHTS OF COLUMBUS HALL AND CLUB ROOM	20 N RAYMOND AVE		EDR Historical Auto Stations
PASADENA	1009051180	HALL S SERVICE STATION	665 E WALNUT ST		EDR Historical Auto Stations

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

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

Date of Government Version: 04/19/2006
Date Data Arrived at EDR: 05/05/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 17

Source: EPA
Telephone: N/A
Last EDR Contact: 05/05/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 04/19/2006
Date Data Arrived at EDR: 05/05/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 17

Source: EPA
Telephone: N/A
Last EDR Contact: 05/05/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 04/19/2006
Date Data Arrived at EDR: 05/05/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 17

Source: EPA
Telephone: N/A
Last EDR Contact: 05/05/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: Quarterly

NPL RECOVERY: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 02/01/2006
Date Data Arrived at EDR: 03/21/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 23

Source: EPA
Telephone: 703-413-0223
Last EDR Contact: 06/22/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/01/2006
Date Data Arrived at EDR: 03/21/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 23

Source: EPA
Telephone: 703-413-0223
Last EDR Contact: 06/23/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/2006
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/21/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/09/2006
Date Data Arrived at EDR: 04/27/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 33

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/28/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 01/12/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 40

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Last EDR Contact: 04/26/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/14/2006
Next Scheduled EDR Contact: 07/17/2006
Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List
A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/21/2006
Date Data Arrived at EDR: 03/27/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls
A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/21/2006
Date Data Arrived at EDR: 03/27/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Varies

DOD: Department of Defense Sites
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 05/12/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites
The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 01/19/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 33

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 04/26/2006
Date Data Arrived at EDR: 04/27/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/12/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/14/2004
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 04/25/2005
Number of Days to Update: 69

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/13/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: Varies

ROD: Records Of Decision

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

Date of Government Version: 04/13/2006
Date Data Arrived at EDR: 04/28/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 32

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 07/06/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 11/04/2005
Date Data Arrived at EDR: 11/28/2005
Date Made Active in Reports: 01/30/2006
Number of Days to Update: 63

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 06/21/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 07/13/2005
Date Made Active in Reports: 08/17/2005
Number of Days to Update: 35

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 06/22/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 04/12/2006
Next Scheduled EDR Contact: 07/17/2006
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/29/2006
Date Data Arrived at EDR: 04/26/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 34

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Date of Government Version: 03/31/2006
Date Data Arrived at EDR: 04/26/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 34

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 05/11/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 11

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 07/17/2006
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006
Date Data Arrived at EDR: 04/21/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 04/11/2006
Next Scheduled EDR Contact: 07/17/2006
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 12/27/2005
Date Data Arrived at EDR: 02/08/2006
Date Made Active in Reports: 02/27/2006
Number of Days to Update: 19

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 06/28/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

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

Date of Government Version: 04/12/2006
Date Data Arrived at EDR: 04/26/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 34

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Quarterly

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/09/2006
Date Data Arrived at EDR: 03/29/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 62

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 06/28/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Semi-Annually

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 04/27/2006
Date Data Arrived at EDR: 05/02/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 28

Source: EPA
Telephone: N/A
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/05/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

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

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 06/17/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/30/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

AWP: Annual Workplan Sites

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

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 09/21/2005
Number of Days to Update: 23

Source: California Environmental Protection Agency
Telephone: 916-323-3400
Last EDR Contact: 05/10/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Annually

CAL-SITES: Calsites Database

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

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 09/21/2005
Number of Days to Update: 23

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 05/10/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

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

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NFA: No Further Action Determination

This category contains properties at which DTSC has made a clear determination that the property does not pose a problem to the environment or to public health.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 10/06/2005
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/10/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Quarterly

NFE: Properties Needing Further Evaluation

This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA process. PEA in Progress indicates properties where DTSC is currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but not currently underway.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 09/21/2005
Number of Days to Update: 23

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/10/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Quarterly

REF: Unconfirmed Properties Referred to Another Agency

This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/29/2005
Date Made Active in Reports: 10/06/2005
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/10/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Quarterly

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 06/06/2006
Date Data Arrived at EDR: 06/07/2006
Date Made Active in Reports: 07/06/2006
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 05/01/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: No Update Planned

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 03/13/2006
Date Data Arrived at EDR: 03/15/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 29

Source: Integrated Waste Management Board
Telephone: 916-341-6320
Last EDR Contact: 06/14/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Quarterly

CA WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 03/20/2006
Date Data Arrived at EDR: 03/21/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 23

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 06/22/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

WMUDS/SWAT: Waste Management Unit Database

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

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 05/29/2001
Date Made Active in Reports: 07/26/2001
Number of Days to Update: 58

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-9100
Last EDR Contact: 04/25/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 04/07/2006
Date Data Arrived at EDR: 04/11/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 07/12/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Quarterly

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

Date of Government Version: 04/10/2006
Date Data Arrived at EDR: 04/11/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-341-5752
Last EDR Contact: 07/12/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Quarterly

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 06/26/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424
Last EDR Contact: 06/05/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 04/11/2006
Next Scheduled EDR Contact: 07/17/2006
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-4130
Last EDR Contact: 05/08/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Varies

LUST REG 7: Leaking Underground Storage Tank Case Listing

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491
Last EDR Contact: 05/22/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Date of Government Version: 04/01/2006
Date Data Arrived at EDR: 04/27/2006
Date Made Active in Reports: 05/26/2006
Number of Days to Update: 29

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 07/07/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 05/15/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220
Last EDR Contact: 05/22/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 07/10/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

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

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases

The Spills, Leaks, Investigations, and Cleanups (SLIC) listings includes unauthorized discharges from spills and leaks, other than from underground storage tanks or other regulated sites.

Date of Government Version: 04/10/2006
Date Data Arrived at EDR: 04/11/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-341-5752
Last EDR Contact: 07/12/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 07/10/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 05/15/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 04/26/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 07/06/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Semi-Annually

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

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 06/05/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Date of Government Version: 04/06/2006
Date Data Arrived at EDR: 04/06/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 35

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Date of Government Version: 05/31/2006
Date Data Arrived at EDR: 06/01/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 14

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 05/30/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Annually

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 04/10/2006
Date Data Arrived at EDR: 04/11/2006
Date Made Active in Reports: 05/01/2006
Number of Days to Update: 20

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 07/12/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Semi-Annually

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

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

AST: Aboveground Petroleum Storage Tank Facilities
Registered Aboveground Storage Tanks.

Date of Government Version: 01/30/2006
Date Data Arrived at EDR: 01/30/2006
Date Made Active in Reports: 02/17/2006
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5712
Last EDR Contact: 05/26/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: Quarterly

SWEEPS UST: SWEEPS UST Listing
Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 11/30/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 50

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 05/22/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Varies

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

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 04/11/2006
Next Scheduled EDR Contact: 07/17/2006
Data Release Frequency: No Update Planned

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 04/04/2006
Date Data Arrived at EDR: 04/05/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 36

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 07/06/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Semi-Annually

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 06/06/2006
Date Data Arrived at EDR: 06/07/2006
Date Made Active in Reports: 07/06/2006
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 04/18/2005
Date Data Arrived at EDR: 04/18/2005
Date Made Active in Reports: 05/06/2005
Number of Days to Update: 18

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 04/30/2006
Date Data Arrived at EDR: 05/04/2006
Date Made Active in Reports: 05/26/2006
Number of Days to Update: 22

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 04/26/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: Varies

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 05/17/2006
Date Data Arrived at EDR: 05/17/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 05/08/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

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

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 10/11/2005
Date Made Active in Reports: 10/31/2005
Number of Days to Update: 20

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 05/11/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 27

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 04/14/2006
Next Scheduled EDR Contact: 07/17/2006
Data Release Frequency: Varies

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 05/12/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Semi-Annually

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 09/07/2005
Date Data Arrived at EDR: 09/08/2005
Date Made Active in Reports: 10/31/2005
Number of Days to Update: 53

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Varies

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2006
Date Data Arrived at EDR: 03/22/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 02/20/2006
Next Scheduled EDR Contact: 05/22/2006
Data Release Frequency: Varies

INDIAN UST: Underground Storage Tanks on Indian Land

Date of Government Version: 03/01/2006
Date Data Arrived at EDR: 03/22/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 22

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 05/23/2006
Date Data Arrived at EDR: 05/24/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 22

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/25/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: Semi-Annually

Underground Tanks

Date of Government Version: 05/23/2006
Date Data Arrived at EDR: 05/24/2006
Date Made Active in Reports: 06/29/2006
Number of Days to Update: 36

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/25/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

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

Date of Government Version: 03/20/2006
Date Data Arrived at EDR: 03/21/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 23

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 05/30/2006
Next Scheduled EDR Contact: 05/29/2006
Data Release Frequency: Semi-Annually

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 04/10/2006
Date Data Arrived at EDR: 04/10/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 31

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 07/10/2006
Next Scheduled EDR Contact: 11/06/2006
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 03/27/2006
Date Data Arrived at EDR: 03/28/2006
Date Made Active in Reports: 05/01/2006
Number of Days to Update: 34

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 06/23/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 07/07/1999
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 05/16/2006
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

City of El Segundo Underground Storage Tank

Date of Government Version: 05/30/2006
Date Data Arrived at EDR: 05/31/2006
Date Made Active in Reports: 06/14/2006
Number of Days to Update: 14

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 05/30/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Date of Government Version: 05/06/2006
Date Data Arrived at EDR: 05/31/2006
Date Made Active in Reports: 06/14/2006
Number of Days to Update: 14

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 05/30/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Semi-Annually

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/31/2006
Date Data Arrived at EDR: 03/24/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 20

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 05/15/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Date of Government Version: 05/16/2006
Date Data Arrived at EDR: 05/30/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 16

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 05/18/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Varies

City of Los Angeles Landfills

Date of Government Version: 03/01/2006
Date Data Arrived at EDR: 04/06/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 35

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 06/12/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/05/2006
Date Data Arrived at EDR: 02/16/2006
Date Made Active in Reports: 03/13/2006
Number of Days to Update: 25

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 05/15/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 02/10/2006
Date Data Arrived at EDR: 02/28/2006
Date Made Active in Reports: 03/23/2006
Number of Days to Update: 23

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 05/01/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: Semi-Annually

NAPA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sites With Reported Contamination

Date of Government Version: 04/03/2006
Date Data Arrived at EDR: 04/04/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 9

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/26/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites

Date of Government Version: 04/03/2006
Date Data Arrived at EDR: 04/04/2006
Date Made Active in Reports: 05/01/2006
Number of Days to Update: 27

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/26/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Annually

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 02/01/2006
Date Data Arrived at EDR: 03/27/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 17

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 03/01/2006
Date Data Arrived at EDR: 03/29/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 15

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 03/01/2006
Date Data Arrived at EDR: 03/28/2006
Date Made Active in Reports: 05/01/2006
Number of Days to Update: 34

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 06/07/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 04/03/2006
Date Data Arrived at EDR: 04/04/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 9

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 03/20/2006
Next Scheduled EDR Contact: 06/19/2006
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Underground Storage Tank Tank List

Date of Government Version: 05/19/2006
Date Data Arrived at EDR: 05/19/2006
Date Made Active in Reports: 06/14/2006
Number of Days to Update: 26

Source: Health Services Agency
Telephone: 951-358-5055
Last EDR Contact: 04/11/2006
Next Scheduled EDR Contact: 07/17/2006
Data Release Frequency: Quarterly

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/19/2006
Date Data Arrived at EDR: 05/19/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 27

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 04/11/2006
Next Scheduled EDR Contact: 07/17/2006
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS - Contaminated Sites

Date of Government Version: 05/09/2006
Date Data Arrived at EDR: 05/30/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 16

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 05/12/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List

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

Date of Government Version: 05/09/2006
Date Data Arrived at EDR: 05/30/2006
Date Made Active in Reports: 07/06/2006
Number of Days to Update: 37

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 05/12/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

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

Date of Government Version: 03/22/2006
Date Data Arrived at EDR: 03/23/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 21

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 06/05/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

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

Date of Government Version: 05/16/2005
Date Data Arrived at EDR: 05/18/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 29

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 07/07/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/2005
Date Data Arrived at EDR: 12/29/2005
Date Made Active in Reports: 01/19/2006
Number of Days to Update: 21

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 06/06/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversite Facilities

Date of Government Version: 03/16/2006
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 27

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

Underground Storage Tank Information

Date of Government Version: 03/16/2006
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 27

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 02/28/2006
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 27

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/17/2006
Next Scheduled EDR Contact: 07/17/2006
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory

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

Date of Government Version: 05/02/2006
Date Data Arrived at EDR: 05/02/2006
Date Made Active in Reports: 05/26/2006
Number of Days to Update: 24

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 07/10/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Annually

Fuel Leak List

Date of Government Version: 04/17/2006
Date Data Arrived at EDR: 04/24/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 17

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 07/09/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 06/26/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: No Update Planned

LOP Listing

A listing of open leaking underground storage tanks.

Date of Government Version: 03/29/2006
Date Data Arrived at EDR: 03/30/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 14

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 07/10/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Varies

Hazardous Material Facilities

Date of Government Version: 03/09/2006
Date Data Arrived at EDR: 03/13/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 31

Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 06/30/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

Date of Government Version: 04/10/2006
Date Data Arrived at EDR: 04/10/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 31

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/26/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Quarterly

Underground Storage Tanks

Date of Government Version: 04/25/2006
Date Data Arrived at EDR: 05/08/2006
Date Made Active in Reports: 06/14/2006
Number of Days to Update: 37

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/26/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

Date of Government Version: 04/27/2006
Date Data Arrived at EDR: 04/27/2006
Date Made Active in Reports: 05/26/2006
Number of Days to Update: 29

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 04/26/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Date of Government Version: 12/31/0005
Date Data Arrived at EDR: 01/05/2006
Date Made Active in Reports: 01/31/2006
Number of Days to Update: 26

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 07/03/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

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

Date of Government Version: 02/24/2006
Date Data Arrived at EDR: 03/31/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 13

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/14/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

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

Date of Government Version: 08/01/2005
Date Data Arrived at EDR: 09/20/2005
Date Made Active in Reports: 10/06/2005
Number of Days to Update: 16

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 02/24/2006
Date Data Arrived at EDR: 03/27/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 17

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/30/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

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

Date of Government Version: 02/24/2006
Date Data Arrived at EDR: 04/27/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 25

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/11/2006
Next Scheduled EDR Contact: 07/10/2006
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Date of Government Version: 04/17/2006
Date Data Arrived at EDR: 05/11/2006
Date Made Active in Reports: 06/14/2006
Number of Days to Update: 34

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 04/11/2006
Next Scheduled EDR Contact: 07/17/2006
Data Release Frequency: Annually

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 04/07/2006
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 06/14/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 04/24/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 8

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/05/2006
Next Scheduled EDR Contact: 10/02/2006
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/02/2006
Date Data Arrived at EDR: 05/31/2006
Date Made Active in Reports: 06/27/2006
Number of Days to Update: 27

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/31/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 05/04/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 33

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/12/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 09/30/2005
Date Data Arrived at EDR: 05/09/2006
Date Made Active in Reports: 05/24/2006
Number of Days to Update: 15

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 07/11/2006
Next Scheduled EDR Contact: 10/09/2006
Data Release Frequency: Annually

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

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

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

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

DESIDERIO HALL USARC
655 WESTMINSTER DR
PASADENA, CA 91105

TARGET PROPERTY COORDINATES

Latitude (North):	34.14350 - 34° 8' 36.6''
Longitude (West):	118.1649 - 118° 9' 53.6''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	392600.1
UTM Y (Meters):	3778485.0
Elevation:	780 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	34118-B2 PASADENA, CA
Most Recent Revision:	1994

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

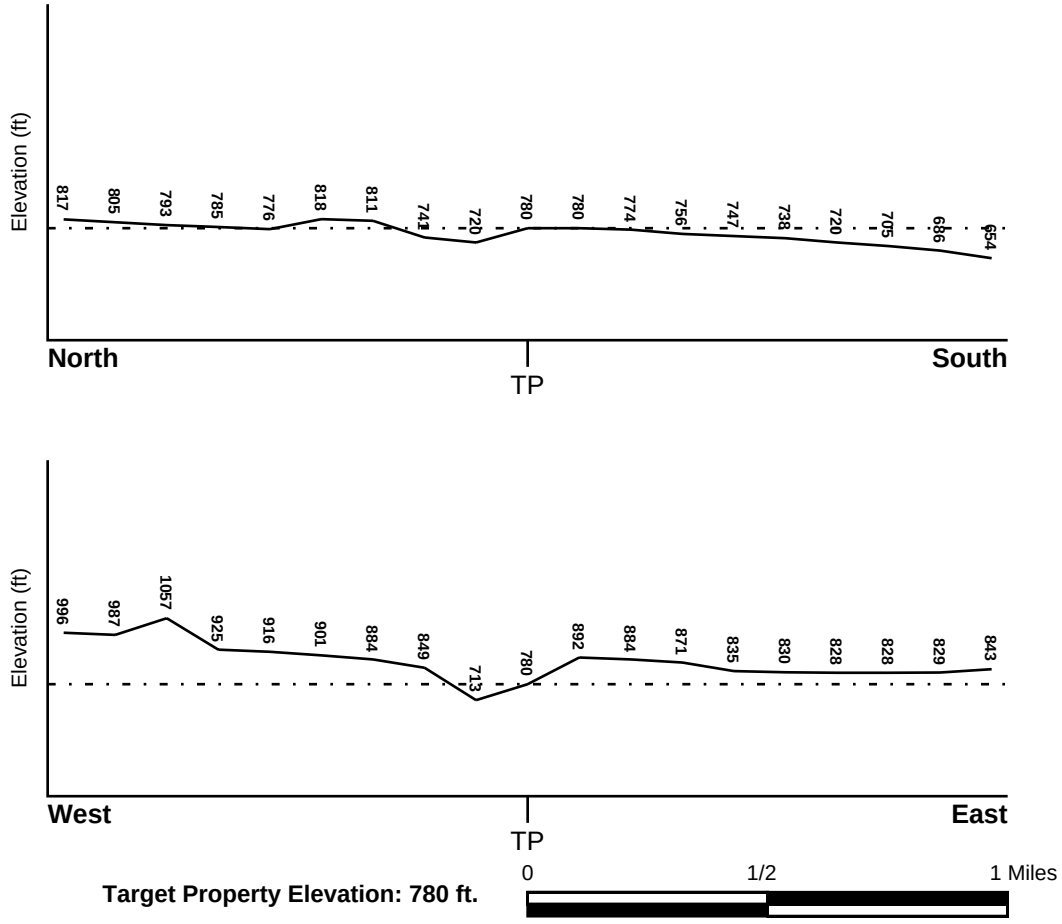
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
LOS ANGELES, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0650500000A

Additional Panels in search area: 0601370049C

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
PASADENA	Not Available

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT **GEOLOGIC AGE IDENTIFICATION**

Era:	Precambrian	Category:	Metamorphic Rocks
System:	Precambrian		
Series:	Orthogneiss and paragneiss		
Code:	Xm *(decoded above as Era, System & Series)*		

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

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures:
sandy loam
gravelly - sandy loam
silt loam
clay
sand
gravelly - sand
fine sandy loam
fine sand

Surficial Soil Types:
sandy loam
gravelly - sandy loam
silt loam
clay
sand
gravelly - sand
fine sandy loam
fine sand

Shallow Soil Types:
fine sandy loam
gravelly - loam
sandy clay
sandy clay loam
clay
sand
silty clay

Deeper Soil Types:
gravelly - sandy loam
sandy loam
stratified
very gravelly - sandy loam
weathered bedrock
silty clay loam
gravelly - fine sandy loam
clay loam
sand
very fine sandy loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

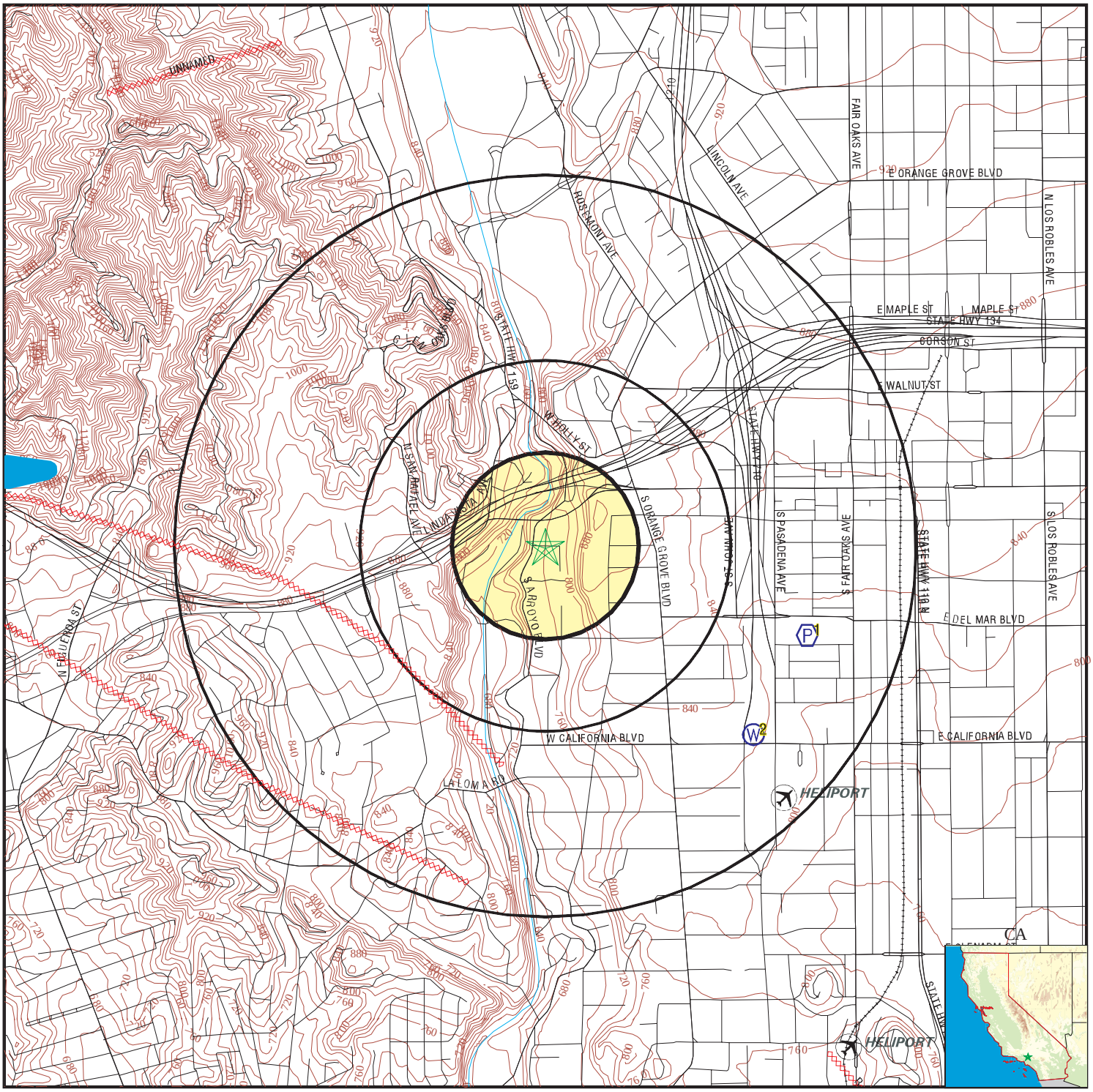
MAP ID	WELL ID	LOCATION FROM TP
1	CA1900700	1/2 - 1 Mile ESE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
2	485	1/2 - 1 Mile SE

PHYSICAL SETTING SOURCE MAP - 01715536.23r



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

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

SITE NAME:	DESIDERIO HALL USARC
ADDRESS:	655 WESTMINSTER DR PASADENA CA 91105
LAT/LONG:	34.1435 / 118.1649
CLIENT:	FMSM Engineers
CONTACT:	Robert Newman
INQUIRY #:	01715536.23r
DATE:	July 14, 2006

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
ESE
1/2 - 1 Mile
Higher

FRDS PWS **CA1900700**

PWS ID:	CA1900700	PWS Status:	Active
Date Initiated:	7706	Date Deactivated:	Not Reported
PWS Name:	USFS BIG TUJUNGA STATION USFS BIG TUJUNGA STATION BIG TUJUNGA CANYO, CA 94234		
Addressee / Facility:	System Owner/Responsible Party USFS BIG TUJUNGA STATION ??? BIG TUJUNGA CANYO, CA 94234		
Facility Latitude:	34 08 24	Facility Longitude:	118 09 06
City Served:	Not Reported		
Treatment Class:	Untreated	Population:	00000100

PWS currently has or had major violation(s) or enforcement: No

---

2
SE
1/2 - 1 Mile
Higher

CA WELLS **485**

Water System Information:

Prime Station Code:	01N/12W-28N01 S	User ID:	MET
FRDS Number:	1910999001	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340810.0 1180915.0	Precision:	1 Mile (One Minute)
Source Name:	SOUTH WELL		
System Number:	1910999		
System Name:	MILUM TEXTILE SERVICES CO.		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	06/24/1985	Findings:	1.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/24/1985	Findings:	3.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/22/1985	Findings:	1.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/22/1985	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	07/22/1985	Findings:	9.400 UG/L
Chemical:	TRICHLOROETHYLENE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
91105	19	0	0.00

Federal EPA Radon Zone for LOS ANGELES County: 2

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

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

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

OTHER STATE DATABASE INFORMATION

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

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

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

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

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Fax To: FMSM Engineers
Contact: Robert Newman
Fax : 502-212-5055
Date: 07/14/2006

Fax From: Jeff Weiss
EDR
Phone: 1-800-352-0050

EDR PUR-IQ® Report

"the intelligent way to conduct historical research"

for
DESIDERIO HALL USARC
655 WESTMINSTER DR
PASADENA, CA 91105
Lat./Long. 34.14350 / 118.16490
EDR Inquiry # 01715536.23r

The EDR PUR-IQ report facilitates historical research planning required to complete the Phase I ESA process. The report identifies the *likelihood* of prior use coverage by searching proprietary EDR-Prior Use Reports® comprising nationwide information on: city directories, fire insurance maps, aerial photographs, historical topographic maps, flood maps and National Wetland Inventory maps.

Potential for EDR Historical (Prior Use) Coverage - Coverage in the following historical information sources may be used as a guide to develop your historical research strategy:

1. City Directory: Coverage exists for the TP address for 1961, 1965, 1971, 1976

2. Fire Insurance Map: When you order online any EDR Package or the EDR Radius Map with EDR Sanborn Map Search/Print, you receive site specific Sanborn Map coverage information at no charge.

3. Aerial Photograph: Coverage exists for portions of Los Angeles County for the following decades: 1920s, 1940s, 1950s, 1960s, 1970s, 1980s, 1990s Shipping time 3-5 business days.

4. Topographic Map: The USGS 7.5 min. quad topo sheet(s) associated with this site:

Historical: Coverage exists for Los Angeles County

Current: Target Property: TP | 1994 | 34118-B2 Pasadena, CA

5. Flood Insurance Rate Maps (FEMA) : Coverage is available for Los Angeles county.

EDR's network of professional researchers, located throughout the United States, accesses the most extensive national collections of city directory, fire insurance maps, aerial photographs, flood maps and historical topographic map resources available for PASADENA, CA. These collections may be located in multiple libraries throughout the country. To ensure maximum coverage, EDR will often assign researchers at these multiple locations on your behalf. Please call or fax your EDR representative to authorize a search.

EDR - HISTORICAL SOURCE(S) ORDER FORM

FMSM Engineers
Robert Newman
Account # 1022764

DESIDERIO HALL USARC
655 WESTMINSTER DR
PASADENA, CA 91105
Los Angeles County
Lat./Long. 34.14350 / 118.16490
EDR Inquiry # 01715536.23r

Should you wish to change or add to your order, fax this form to your EDR account executive:

Jeff Weiss
Ph: 1-800-352-0050 Fax: 1-800-231-6802

Reports

___ EDR Sanborn Map® Search/Print

___ EDR Fire Insurance Map Abstract

___ EDR Multi-Tenant Retail Facility® Report

___ EDR City Directory Abstract

___ EDR Aerial Photo Decade Package

___ USGS Aerial 5 Package

___ USGS Aerial 3 Package

___ EDR Historical Topographic Maps

___ Paper Current USGS Topo (7.5 min.)

___ Environmental Lien Search

___ Chain of Title Search

___ NJ MacRaes Industrial Directory Report

___ EDR Telephone Interview

Shipping:

___ Email
___ Express, Next Day Delivery — RUSH SERVICE IS AVAILABLE
___ Express, Second Day Delivery
___ Express, Next day Delivery — Customer Account — Acct # _____
___ Express, Second Day Delivery — Customer Account — Acct # _____
___ U.S. Mail

Thank you

The EDR-City Directory
Abstract

DESIDERIO HALL USARC
655 WESTMINSTER DR
PASADENA, CA 91105

Inquiry Number: 1715536.27

Friday, July 14, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

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

EDR City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening report designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

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

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2004. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

This report compiles information by geocoding the subject properties (that is, plotting the latitude and longitude for such subject properties and obtaining data concerning properties within 1/8th of a mile of the subject properties). There is no warranty or guarantee that geocoding will report or list all properties within the specified radius of the subject properties and any such warranty or guarantee is expressly disclaimed. Accordingly, some properties within the aforementioned radius and the information concerning those properties may not be referenced in this report.

Date EDR Searched Historical Sources: July 14, 2006

Target Property:
655 WESTMINSTER DR
PASADENA, CA 91105

Year	*Uses*	*Source*
1920	Address Not Listed in Research Source	Los Angeles Directory Co.
1921	Address Not Listed in Research Source	Los Angeles Directory Co.
1923	Address Not Listed in Research Source	Los Angeles Directory Co.
1924	Address Not Listed in Research Source	Los Angeles Directory Co.
1925	Address Not Listed in Research Source	Los Angeles Directory Co.
1926	Address Not Listed in Research Source	Los Angeles Directory Co.
1927	Address Not Listed in Research Source	Kaasen Directory Company Publishers
1928	Address Not Listed in Research Source	Los Angeles Directory Co.
1929	Address Not Listed in Research Source	Los Angeles Directory Co.
1930	Address Not Listed in Research Source	Los Angeles Directory Co.
1931	Address Not Listed in Research Source	Los Angeles Directory Company Publishers
1932	Address Not Listed in Research Source	Los Angeles Directory Co.
1933	Address Not Listed in Research Source	Los Angeles Directory Co.
1934	Address Not Listed in Research Source	Los Angeles Directory Co.
1935	Address Not Listed in Research Source	Los Angeles Directory Co.

Year	***Uses***	***Source***
1936	Address Not Listed in Research Source	Los Angeles Directory Co.
1937	Address Not Listed in Research Source	Los Angeles Directory Co.
1938	Address Not Listed in Research Source	Los Angeles Directory Company Publishers
1939	Address Not Listed in Research Source	Los Angeles Directory Co.
1940	Address Not Listed in Research Source	Los Angeles Directory Co.
1942	Address Not Listed in Research Source	Los Angeles Directory Co.
1944	Address Not Listed in Research Source	R. L. Polk & Co.
1945	Address Not Listed in Research Source	R. L. Polk & Co.
1946	Address Not Listed in Research Source	Los Angeles Directory Co.
1947	Address Not Listed in Research Source	Pacific Directory Co.
1948	Address Not Listed in Research Source	Los Angeles Directory Co.
1949	Address Not Listed in Research Source	Los Angeles Directory Co.
1950	Address Not Listed in Research Source	Pacific Telephone
1951	Address Not Listed in Research Source	Los Angeles Directory Co Publishers
1952	Address Not Listed in Research Source	Los Angeles Directory Co.
1954	Address Not Listed in Research Source	R. L. Polk & Co.
1955	Address Not Listed in Research Source	R. L. Polk & Co.
1956	Address Not Listed in Research Source	Pacific Telephone
1957	****WESTMINSTER DR****	Pacific Telephone

Year	Uses	Source
1957 (continued)	UNITED STATES GOVERNMENT ARMY DEPT OF (655)	
1958	Address Not Listed in Research Source	Pacific Telephone
1960	****WESTMINSTER DR****	Pacific Telephone
	UNITED STATES GOVERNMENT ARMY DEPT OF (655)	
1961	Address Not Listed in Research Source	Luskey Brothers & Co
1962	Address Not Listed in Research Source	Pacific Telephone
1963	Address Not Listed in Research Source	Pacific Telephone
1964	Address Not Listed in Research Source	Pacific Telephone
1965	****WESTMINSTER DR****	GTE
	USA RESERVE TRAINING CEN TER (655)	
1966	****WESTMINSTER DR****	Pacific Telephone
	UNITED STATES GOVERNMENT ARMY DEPT OF PASADENA USAR CENTER- (655)	
	UNITED STATES GOVERNMENT ARMY DEPT OF PASADENA USAR CENTER- (655)	
1967	Address Not Listed in Research Source	R. L. Polk & Co.
1969	Address Not Listed in Research Source	Pacific Telephone
1970	Address Not Listed in Research Source	R. L. POLK & CO.
1971	****WESTMINSTER DR****	B&G Publications
	USA 3RESERVE TRAINING CENTER (655)	
1972	Address Not Listed in Research Source	R. L. Polk & Co.
1975	****WESTMINSTER DR****	Pacific Telephone
	UNITED STATES GOVERNMENT ARMY DEPT PASADENA RESERVE CENTER (655)	
1976	****WESTMINSTER DR****	R.L. Polk & co Publishers
	GOVT 337TH MILITARY INTELLIGENCE DETACHMENT U S ARMY RESERVE (655)	
	GOVT-137TH SERVICE COMPANY U S ARMY RESERVE (655)	

Year	Uses	Source
1976	(continued)	
	GOVT-734TH MILITARY INTELLIGENCE DETACHMENT U S ARMY RESERVE (655)	
	USA RESERVE TRAINING CENTER (655)	
1980	****WESTMINSTER DR****	Pacific Telephone
	UNITED STATES GOVERNMENT ARMY DEPT (655)	
1981	Address Not Listed in Research Source	Pacific Telephone
1985	Address Not Listed in Research Source	Pacific Bell
1986	Address Not Listed in Research Source	Pacific Bell
1990	Address Not Listed in Research Source	Pacific Bell
1991	Address Not Listed in Research Source	Pacific Bell
1995	Address Not Listed in Research Source	Pacific Bell Telephone
1996	Address Not Listed in Research Source	GTE
1999	Address Not Listed in Research Source	Haines Company
2000	Address Not Listed in Research Source	Pacific Bell Telephone
2001	Address Not Listed in Research Source	Haines & Company, Inc.
2003	Address Not Listed in Research Source	Haines & Company
2004	Address Not Listed in Research Source	Haines Company

Adjoining Properties

SURROUNDING

Multiple Addresses
PASADENA, CA 91105

Year	Uses	Source
1920	Address Not Listed in Research Source	Los Angeles Directory Co.

Year	Uses	Source
1921	****W COLORADO ST****	Los Angeles Directory Co.
	GRAND AV INTERSECTS (545)	
	SCOVILLE C B (545)	
	****CALIFORNIA ST****	Los Angeles Directory Co.
	JUERS A J (60)	
	COOK J C GAS AND OILS (84)	
	SOU CAL EDISON CO SUB STA (130)	
	S BROADWAY INTERSECTS (134)	
	DRNMMITT F R (181)	
	OGAN F C (182)	
	****CALIFORNIA TER****	Los Angeles Directory Co.
	WALSLH M B (100)	
	MC CARTNEY J P (149)	
	JUPRE EUGENE (156)	
	JARLINE A (160)	
	ESPINOSA JOS (165)	
	SCDDON S (176)	
	MULLER MAX (182)	
	****WESTMINSTER DR****	Los Angeles Directory Co.
	HUNT H H (650)	
	HUNTER BERTHA MRS (660)	
	OLDHAM E M MISS (690)	
1923	Address Not Listed in Research Source	Los Angeles Directory Co.
1924	****CALIFORNIA****	Los Angeles Directory Co.
	CALDERON H (51)	
	PACE VERNON L COILR L A GAS & ELEC CORP R (123)	
1925	Address Not Listed in Research Source	Los Angeles Directory Co.
1926	Address Not Listed in Research Source	Los Angeles Directory Co.
1927	****CALIFORNIA TER****	Kaasen Directory Company Publishers
	WVALSLI M B (84)	
	ILUTCLOINSON CARRIE MRS (100)	
	TRUILLO MANUEL (110)	

Year	Uses	Source
1927 (continued)		
	MC CARTNEV J P (149)	
	LIELDEN FREDK (154)	
	CAREWELL EDW (156)	
	JOHNSON M L MRS (160)	
	ESIAFNOZE JOSE (165)	
	SCPRANO T ILLON (165)	
	RIR IHT J W (176)	
	MULLER MAX (182)	
	****COLORADO W****	Kaasen Directory Company Publishers
	SCOVILLE C B (545)	
1928	Address Not Listed in Research Source	Los Angeles Directory Co.
1929	****CALIFORNIA****	Los Angeles Directory Co.
	GONZALES CHAS MATTRESSMKR (104)	
	CIROLLONI NICK TAILOR (108)	
	KLINKER NELLIE G SMSTRS (113)	
	GUSTAVSON C C WAITER (123)	
	WERZ DEE AUTO MECH R (133)	
	COX RUBY BNDRYWKR (145)	
	****WESTMINSTER****	Los Angeles Directory Co.
	LOUPA STANLEY D TRUCK DRIVER CITY ENG (654)	
1930	Address Not Listed in Research Source	Los Angeles Directory Co.
1931	Address Not Listed in Research Source	Los Angeles Directory Company Publishers
1932	****S ARROYO BLVD****	Los Angeles Directory Co.
	VACANT (120)	
	CHAPMAN H F (130)	
	HAZELTINE 16 M MRS (136)	
	KASSEHAUM H A O (166)	
	KINNEY ITALPH (166)	
	CHAMLIERLIN M H (172)	
	GREGORY J W (177)	
	****W COLORADO ST****	Los Angeles Directory Co.
	SCOVILLE F M MRS O (545)	

Year	Uses	Source
1932 (continued)		
	****CALIFORNIA TER****	Los Angeles Directory Co.
	KARLI ALBT (84)	
	WALSH M B O (100)	
	SCHOLL RAY (110)	
	MC CARTNEY J P CO (149)	
	HEIDEL FRED O (154)	
	VACANT (156)	
	THOMPSON ERNEST (160)	
	ESPINOZA JOSE CO (165)	
	WALMSLEY ARTH O (176)	
	MULLER MAX O (182)	
	****WESTMINSTER DR****	Los Angeles Directory Co.
	WEST J W (643)	
	FLANKS W T (660)	
	VACANT (690)	
1933	Address Not Listed in Research Source	Los Angeles Directory Co.
1934	Address Not Listed in Research Source	Los Angeles Directory Co.
1935	Address Not Listed in Research Source	Los Angeles Directory Co.
1936	Address Not Listed in Research Source	Los Angeles Directory Co.
1937	****S ARROYO BLVD****	Los Angeles Directory Co.
	EDWARDS BARBARA LAWYER (120)	
	GOEBEL J P MRS (120)	
	SMITH H C (120)	
	MILLERD L BE (130)	
	DRYER MAURICE (136)	
	BARTLETT C L O (154)	
	FAIRHALL F J O (166)	
	WILSON L W (166)	
	LAS CASITA DEL ARROYO CLUB (171)	
	GREGORY 3 W (181)	
	****CALIFORNIA TER****	Los Angeles Directory Co.

Year	Uses	Source
1937 (continued)		
	KARLI ALBT (84)	
	COLLINS W E (100)	
	WALSH M B O (100)	
	SCHOLL RAY (110)	
	MC CARTNEY M F (149)	
	MC CARTNEY MINNIE MRS (149)	
	STONESTREET A W (154)	
	SARGENT FOREST (156)	
	GIBBS C E MRS (160)	
	ESPINOSA JOSE O (165)	
	WALMSLEY A B O (176)	
	MULLER BERTHA MRS O (182)	
	****COLORADO W****	Los Angeles Directory Co.
	SCOVLLLE 1 N M MRN TO (545)	
	****WESTMINSTER DR****	Los Angeles Directory Co.
	WAUG HAN S A MRS (660)	
	WITHERE IL T E MRS A (690)	
1938	Address Not Listed in Research Source	Los Angeles Directory Company Publishers
1939	Address Not Listed in Research Source	Los Angeles Directory Co.
1940	Address Not Listed in Research Source	Los Angeles Directory Co.
1942	****WESTMINSTER DR****	Los Angeles Directory Co.
	GOOD M W S (646)	
	GR 00S O B (648)	
	FLNDLAY MELVILLE (660)	
	AWITHERELL T E MRS (690)	
1944	Address Not Listed in Research Source	R. L. Polk & Co.
1945	****CALIFORNIA TRL****	R. L. Polk & Co.
	ANTELOPE VALLEY PUMP SERVICE (107)	
1946	Address Not Listed in Research Source	Los Angeles Directory Co.
1947	****S ARROYO BLVD****	Pacific Directory Co.

Year	Uses	Source
1947 (continued)		
	BARNETT LLOYD (130)	
	BARNETT REALTY CO (130)	
	DRYER M EB (136)	
	AJACKSON G M (154)	
	FAIRHALL DC MRS (166)	
	WILSON L W (168)	
	LA CASITA DEL ARROYO CLUB (177)	
	AHEREFORD ROCKWELL (180)	
	GREGORY J W (181)	
	****W COLORADO ST****	Pacific Directory Co.
	ASCOVILLE F M MRS (545)	
	****ARROYO PKY S****	Pacific Directory Co.
	SOU PAC CO TICKET OFFICE (10)	
	BANK AUTO PARK (34)	
	FOSTER HELEN RESTR (77)	
	PARKWAY FORD SALES (101)	
	****CALIFORNIA TER****	Pacific Directory Co.
	VACANT (139)	
	ADOWNS 0 W (149)	
	MC CARTNEY M J MRS (149)	
	FLORA J F (154)	
	IS TURNEY LAWRENCE (156)	
	CUMMINS M G MRS (160)	
	GIBBS C E MRS (160)	
	ESPINOSA JOSE (165)	
	ESPINOSA L P MRS (165)	
	AKELLOGG F M (176)	
	GOMEZ ANTONIO (182)	
	****WESTMINSTER DR****	Pacific Directory Co.
	CALHOUN J C (646)	
	MALLARD W H (648)	
	MALLARD GEO (660)	
	VANDENHERFIG (690)	
1948	Address Not Listed in Research Source	Los Angeles Directory Co.

Year	Uses	Source
1949	Address Not Listed in Research Source	Los Angeles Directory Co.
1950	****CALIFORNIA****	Pacific Telephone
	STRANSKE WM (107)	
	****S ARROYO BLVD****	Pacific Telephone
	JACKSON GORDON M R (154)	
	HEREFORD ROCKWELL R (180)	
	****S ARROYO PKY****	Pacific Telephone
	SOUTHERN PACIFIC CO (10)	
	TRUMBULL S SERV STANTON (35)	
	CROWN TRANSFR & STORAGE CO (45)	
	UNITED VAN LINES INC (45)	
	YELLOW VAN & STORAGE CO OF PASA (45)	
	FOSTER HELEN RESTRNT (77)	
	HARMON HERBERT E PARKWAY FORD SALES AUTOS (101)	
	PARKWAY FORD SALES AUTOS PASADENA (101)	
	SOUTHERN PACIFIC CO (150)	
	ACME FAST FREIGHT INC (170)	
	ICE SKATING RINK PASA WINTER GARDENS INC (171)	
	PASA WINTER GARDENS INC (171)	
	PASADENA CITY OF GENL OFCS (177)	
	FREEWAY CORP SERV STN (201)	
	FRATERNAL ORDER OF EAGLES (205)	
	FRED S SKATE SHOP (207)	
	****CALIFORNIA TER****	Pacific Telephone
	MARTIN RICHARD W R (141)	
	FRANKS JOHN H R (143)	
	PALLAS PHILIP S R (145)	
	FLORA JOHN F R (154)	
	LE BARON ROY M R (156)	
	CUMMINS M C MRS R (160)	
	KELLOGG FRANK M R (176)	
	****WESTMINSTER DR****	Pacific Telephone
	EDIS HAROLD D R (615)	
	ARNETT JACKIE R (646)	

Year	Uses	Source
1950 (continued)	RIVERAL VIRGINIA R (646)	
	MALLARD WILFRED R (660)	
	VANDENBERG FREDERICK E R (690)	
	****S ARROYO BLVD****	Pacific Telephone
	JACKSON GORDON M R (154)	
	****S ARROYO PKY****	Pacific Telephone
	TRUMBULL S SERV STANTON (35)	
	CROWN TRANSFR & STORAGE CO (45)	
	UNITED VAN LINES INC (45)	
	YELLOW VAN & STORAGE CO OF PASA (45)	
	FOSTER HELEN RESTRNT (77)	
	HARMON HERBERT E PARKWAY FORD SALES AUTOS (101)	
	ACME FAST FREIGHT INC (170)	
	ICE SKATING RINK PASA WINTER GARDENS INC (171)	
	FREEWAY CORP SERV STN (201)	
	FRED S SKATE SHOP (207)	
	****W COLORADO PL****	Pacific Telephone
	SCOVILLE C B MRS R (545)	
	****CALIFORNIA TER****	Pacific Telephone
	MARTIN RICHARD W R (141)	
	FRANKS JOHN H R (143)	
	PALLAS PHILIP S R (145)	
	FLORA JOHN F R (154)	
	LE BARON ROY M R (156)	
	CUMMINS M C MRS R (160)	
	****WESTMINSTER CT****	Pacific Telephone
	MALLARD GEO R (660)	
1951	****S ARROYO BLVD****	Los Angeles Directory Co Publishers
	BARNETT LLOYD (130)	
	DRYER M E SY (136)	
	FILES G L RY (154)	
	FAIRHALL D C MRS (166)	
	WILSON LW (168)	
	LA CASITA DEL ARROYO CLUB (177)	
	HEREFORD ROCKWELL (180)	

Year	Uses	Source
1951 (continued)	WILCKE EUG (181)	
	****ARROYO PKY S****	Los Angeles Directory Co Publishers
	SOU PAC CO SY (10)	
	ARROYO GRILL (12)	
	BANK AUTO PARK (34)	
	FOSTER HELEN RESTR (77)	
	PARKWAY FORD SALES (101)	
	FREEWAY SERV RAS STA (201)	
	****CALIFORNIA TER****	Los Angeles Directory Co Publishers
	COMBS JPROMIE (141)	
	CNLDFARB 1 M (143)	
	PALLAS PHILIP (145)	
	DOWNS O W H MY (149)	
	FLORA J F H MV (154)	
	MANSELL & FLORA DOT AGEY (154)	
	I COTT INGHLAM HT M (156)	
	CUNIIIIIN H M MIRS (160)	
	EISPIIOSA RAYMOND HI (165)	
	VACANT (176)	
	GOINEZ A P (182)	
	****WESTMINISTER DR****	Los Angeles Directory Co Publishers
	MALLARD W H SY (646)	
	VACANT (648)	
	MALLARD GE O SY G 4549 (660)	
	VANDENBERG F E (690)	
1952	Address Not Listed in Research Source	Los Angeles Directory Co.
1954	****CALIFORNIA AVE****	R. L. Polk & Co.
	IDAHO AVE (12)	
	TH CONTD (12)	
	TH CONTD (12)	
1955	Address Not Listed in Research Source	R. L. Polk & Co.
1956	****S ARROYO BLVD****	Pacific Telephone
	TRINKLE LARUE W (130)	

Year	Uses	Source
1956 (continued)		
	DRYER MAURICE E (136)	
	FILES GORDON L 5 A RY (154)	
	MORTON GLEN AO A G Y (166)	
	TYNER LEE A SY (168)	
	LA CASITAS DEL ARROYO CLUB (177)	
	VACANT (180)	
	WILCKE EUG A SY (181)	
	VACANT (190)	
	****CALIFORNIA TER****	Pacific Telephone
	THORNE ARTH C A SY (141)	
	VACANT (143)	
	VACANT (145)	
	DOWNS OTIS W A SY (149)	
	FLORA JOHN F A SY (154)	
	HERRERA ROBT L A SY (156)	
	PARKHURST ORLIE L (160)	
	GOMEZ ANTONIO P (165)	
	FISKE C DEXTER O A SY (176)	
	STOLLBERG VICTOR J (182)	
	****WESTBRIDGE PL****	Pacific Telephone
	COLBEY ALEX G A SY (640)	
	HULS HAROLD P A SY (650)	
	US ARMY RESERVE CORPS US ARMY RESERVE TRAINING CENTER A SY (655)	
	ELANKENHORN JOHN S (660)	
	BRIDGES JAS C A SY (665)	
	BISSNER HAROLD J (670)	
	WICKERSHAM HOWARD H (680)	
	FICHLD THOS L A SY (685)	
	****WESTMINISTER DR****	Pacific Telephone
	KENDALL FOREST W A SY (646)	
	DOYLE ALMA J MRS A SY (648)	
	SMITH ROBT F A RY (660)	
	STEBBINS ROBT H A SY 64512 I (690)	
1957	****S ARROYO BLVD****	Pacific Telephone
	FILES GORDON L (154)	

Year	Uses	Source
1957 (continued)		
	****S ARROYO PKY****	Pacific Telephone
	SOUTHERN PACIFIC CO (10)	
	CRANE S LUNCH (12)	
	FOSTER HELEN RESTAURANT (77)	
	FOSTER HELEN RESTRNT (77)	
	FOSTERS RESTAURANT (77)	
	HELEN FOSTER RESTRNT (77)	
	HELEN FOSTER RESTRNT (77)	
	FRED S UNION OIL STANTON (100)	
	BURNS BOB PARKWAY FORD SALES (101)	
	PARKWAY FORD SALES AUTOS (101)	
	SUN CARBURETOR & ELECTRIC (199)	
	COLEMAN S SHELL SERV (201)	
	PARKWAY FORD SALES AUTOS (201)	
	****CALIFORNIA ST****	Pacific Telephone
	JUERS A MRS R (35)	
	****CALIFORNIA TER****	Pacific Telephone
	SCHRODER C J (141)	
	STERN ARTHUR W (145)	
	DOWNS OTIS W (149)	
	FLORA JOHN F R (154)	
	ROCKWOOD ROSS MRS (155)	
	HERRERA ROBT (156)	
	PARKHURST ORLIE L (160)	
	GOMEZ ANTONIO P (165)	
	FISKE C DEXTER R (176)	
	KNIPPENBERG EDNA B (182)	
	****WESTBRIDGE PL****	Pacific Telephone
	COLBEY A C (640)	
	GUERNSEY JACK W (645)	
	HULS HAROLD P (650)	
	RICKENBERG ROBT E DR (655)	
	BLANKENHORN JOHN S (660)	
	BRIDGES JAS C (665)	
	AICHER J W H MRS (670)	

Year	Uses	Source
1957 (continued)		
	CONGDON THEO G (675)	
	MARSHALL J HOWARD (680)	
	RICH T L (685)	
	****WESTMINSTER DR****	Pacific Telephone
	KENDALL F W MRS (646)	
	STEWART DARRELL L (648)	
	KNOBLAUCH ED C (660)	
	STEBBINS ROBT H (690)	
1958	****S ARROYO BLVD****	Pacific Telephone
	FILES GORDON L (154)	
	****S ARROYO PKY****	Pacific Telephone
	PARKWAY FORD SALES AUTOS (101)	
	WOODRUFF SHELL SERV W (201)	
	****WESTBRIDGE PL****	Pacific Telephone
	MARSHALL J HOWARD (680)	
	****CALIFORNIA CT****	Pacific Telephone
	ESPENSHADE DAVID (125)	
	ESPENSHADE MOLLY (125)	
	DAVIS PAM (129)	
	DAVIS VIOLA R (129)	
1960	****S ARROYO BLVD****	Pacific Telephone
	FILES GORDON L (154)	
	****S ARROYO PKY****	Pacific Telephone
	CRANES LUNCH PASADENA (12)	
	CHESTERS FINE LIQUORS INC (77)	
	UNION OIL DLRS (100)	
	BILL KELLAS FORD (101)	
	BURNS BOB BILL KELLAS FORD (101)	
	CHRISTIANSON D L BILL KELLAS FORD (101)	
	KELLAS BILL FORD PASADENA (101)	
	SUN CARBURETOR & ELECTRIC PASADENA (199)	
	WOOD JOHN SHELL SERV (201)	
	****CALIFORNIA TER****	Pacific Telephone
	RAMSEY ADRINELL (143)	
	STERN ARTHUR W (145)	

Year	Uses	Source
1960 (continued)	VIEHOVER RENE (149)	
	FLORA JOHN F (154)	
	HERRERA ROBT (156)	
	DAKAN DONALD G (157)	
	TERRY JOHN (160)	
	GOMEZ ANTONIO P (165)	
	FISKE C DEXTER (176)	
	FISKE C DEXTER (176)	
	KNIPPENBERG EDNA B PASADENA (182)	
	****WESTBRIDGE PL****	Pacific Telephone
	BOBBITT ANGLE (630)	
	HULTS RALPH M (635)	
	COLBEY A G (640)	
	GUERNSEY JACK W (645)	
	HULS HAROLD P (650)	
	RICKENBERG ROBT E DR (655)	
	BLANKENHORN JOHN S (660)	
	BRIDGES JAS C (665)	
	AICHER J W H MRS PASADENA (670)	
	CONGDON THEO G (675)	
	MARSHALL J HOWARD (680)	
	RICH T L (685)	
	****WESTMINSTER DR****	Pacific Telephone
	KENDALL LEAH M MRS (646)	
	HAIG ROBT H (648)	
	KNOBLAUCH ED C PASADENA (660)	
	LEAVITT THOS W (690)	
	****CALIFORNIA TRL****	Pacific Telephone
	C HYATT CASTNG ENGNERNG SP (24)	
	C HYATT DIE CASTING (24)	
	R KNOX EARL B (42)	
1961	Address Not Listed in Research Source	Luskey Brothers & Co
1962	****S ARROYO BLVD****	Pacific Telephone
	FILES GORDON L (154)	

Year	Uses	Source
1962 (continued)		
	****S ARROYO PKY****	Pacific Telephone
	BILL KELLAS FORD (101)	
	ICE SKATING RINK PASADENA WINTER GARDENS INC (171)	
	PASA WINTER GARDENS INC (171)	
	WINTER GARDENS INC PASADENA (171)	
	****S ARROYO****	Pacific Telephone
	COLLINS CHAS R (130)	
	****CALIFORNIA TER****	Pacific Telephone
	VIEHOVER RENE (149)	
	****WESTBRIDGE PL****	Pacific Telephone
	HULTS RALPH M (635)	
	AICHER J W H MRS (670)	
	MARSHALL ELEANOR P (680)	
	****WESTMINSTER****	Pacific Telephone
	ROMANO PHILIP P (601)	
	MAGNER MARIE E (628)	
1963	Address Not Listed in Research Source	Pacific Telephone
1964	Address Not Listed in Research Source	Pacific Telephone
1965	****ARROYO BLVD S****	GTE
	COLLINS CHARLES R (130)	
	BEACH BYRON C JR (N) (136)	
	FILES GORDON L (N) (154)	
	LOUGHRAN ROBT J (166)	
	TYNER LEE (168)	
	LA CASITA DEL ARROYO HALL (177)	
	BRANDON HENRY L (N) (180)	
	MORRIS WAYNE H (181)	
	LITTLE F EON (N) (190)	
	RODEE WALTER F (210)	
	****ARROYO PKY S****	GTE
	LANDERS CHARLES R CO LAND SURVEYING (10)	
	CRANES GRILL RESTR (12)	
	CROWN TRANSFER STORAGE CO MOVING & STGE (45)	

Year	Uses	Source
1965 (continued)		
	EBELING & REUSS CO IMPORTERS (55)	
	CHESTERS FINE LIQUORS (77)	
	KOPASZ REALTY CO REAL EST (95)	
	UNION OIL SERVICE GAS STA (100)	
	HALLMARK FORD (101)	
	PASADENA WINTER GARDENS INC ICE SKATING RINK (171)	
	ALS SPEEDOMETER & RADIO SERVICE AUTO REPR (199)	
	VACANT (201)	
	PARKWAY BODY SHOP AUTO BODY REPR (215)	
	LLOYDS SIGN SHOP PNTRS (221)	
	JENNY DRSMKR (225)	
	****CALIFORNIA TER****	GTE
	MILHAM BETTY (141)	
	GORDON ROBT G (143)	
	JOHNS ANDREA D (145)	
	VIEHOVER RENE (N) (149)	
	FLORA JOHN F (154)	
	VACANT (156)	
	HERRERA ROBT L (157)	
	TERRY JOHN (160)	
	GOMEZ ANTONIO P (165)	
	MORGAN COREY E (N) (176)	
	NO RETURN (182)	
	****WESTBRIDGE PL****	GTE
	BOBBITT JAMES R (N) (630)	
	BYRNE JOHN C (N) (635)	
	KIRK HAROLD B (N) (640)	
	GUERNSEY JACK W (645)	
	HULS HAROLD P (650)	
	RICKENBERG ROBT E (655)	
	BLANKENHORN JOHN S S (660)	
	BRIDGES JAMES C (N) (665)	
	AICHER MARGT MRS (670)	
	MILLIKAN MICHL (N) (675)	
	MARSHALL E PIERCE (680)	
	RICH THOS L (N) (685)	

Year	Uses	Source
1965 (continued)		
	****WESTMINSTER DR****	GTE
	KENDALL LEAH M MRS (646)	
	VACANT (648)	
	DAY FLETCHER W (660)	
	NO RETURN (690)	
	****CALIFORNIA CT****	GTE
	SANTA MONICA (123)	
1966	****S ARROYO BLVD****	Pacific Telephone
	FILES GORDON L (154)	
	****S ARROYO PKY****	Pacific Telephone
	CRANE S LUNCH (12)	
	CHESTER S FINE LIQUORS (77)	
	CHESTER S FINE LIQUORS (77)	
	KOPASZ REALTY CO BUS OPRTNTIES (95)	
	KOPASZ REALTY CO RL EST (95)	
	MOESCH UNION SERVICE (100)	
	FORD PASA MOTORS PASADENA (101)	
	HALLMARK LEASING AUTO LEASING (101)	
	PASA FORD RENT-A-CAR (101)	
	PASA MOTORS INC (101)	
	PASADENA FORD (101)	
	PASADENA RENT-A-CAR (101)	
	****CALIFORNIA TER****	Pacific Telephone
	MILHAM BETTY A MRS (141)	
	JOHNS ANDREA (145)	
	VIEHOVER HILDE (149)	
	VIEHOVER RENE (149)	
	FLORA JOHN F (154)	
	HERRERA ROBT (157)	
	TERRY JOHN (160)	
	GOMEZ ANTHONY (165)	
	MORGAN CORAY ADVERTISING ARTESIA (176)	
	MOORE RUBY WESTCOTT (182)	
	****WESTBRDSE PL****	Pacific Telephone
	BOBBITT ANGIE (630)	

Year	Uses	Source
1966 (continued)		
	****WESTBRIDGE PL****	Pacific Telephone
	BYRNE JOHN C (635)	
	BYRNE KATHARINE A (635)	
	KIRK HAROLD B (640)	
	GUERNSEY JACK W (645)	
	HULS HAROLD P (650)	
	RICKENBERG ROBT E DR (655)	
	BLANKENHORN JOHN S (660)	
	BRIDGES JAS C (665)	
	AICHER J W H MRS (670)	
	MILLIKAN JUDITH R (675)	
	METTLER HAL C (680)	
	RICH T L (685)	
	****WESTMINSTER DR****	Pacific Telephone
	EDIS HAROLD D ALHAMBRA (615)	
	KENDALL LEAH M MRS (646)	
	SHEAN W J (692)	
1967	****S ARROYO BLVD****	R. L. Polk & Co.
	FILES GORDON L (154)	
	****S ARROYO PKY****	R. L. Polk & Co.
	PASADENA MOTORS INC (101)	
	****S ARROYO****	R. L. Polk & Co.
	COLLINS CHAS R (130)	
	****CALIFORNIA TER****	R. L. Polk & Co.
	VIEHOVER HILDE (149)	
	VIEHOVER RENE (149)	
	****CALIFORNIA****	R. L. Polk & Co.
	KRATZER ELINOR (101)	
	****WESTBRIDGE PL****	R. L. Polk & Co.
	AICHER J W H MRS (670)	
	****WESTMINSTER DR****	R. L. Polk & Co.
	MOORE DONALD B (660)	
	****WESTMINSTER****	R. L. Polk & Co.
	ROMANO PHILIP P (601)	

Year	Uses	Source
1967 (continued)		
	WOMAC OWEN (604)	
	MAGNER MARIE E (628)	
1969	****CALIFORNIA AVE****	Pacific Telephone
	41 K CHARITY MISSIONARY BAPTIST (1)	
	CHURCH (1)	
	CONWAY JOHN (1)	
	JARVIS CHARLES P (1)	
	VACANT (1)	
	BARNETT PHILLIP (2)	
	DAVIS LOTTIE MRS (2)	
	VACANT (2)	
	DYER PLUNKETT (3)	
	JOHNSON MATTIE L MRS (3)	
	SAWYER MELVIN (3)	
	ELLIS OLIVIA MRS (4)	
	GWALIDZO AMOS T (4)	
	CLAY MARIANNA M (5)	
	NELSON LEON (5)	
	OWENS FANNY MRS (6)	
	WATSON CHARLOTTE A (6)	
	BROWN HUGH (7)	
	FRIDAY FRANK (8)	
	PERKINS PATSY J MRS (8)	
	VANDERPOOL WM T (15)	
	POULSEN WM (16)	
	****CALIFORNIA PL****	Pacific Telephone
	S 0 DAVIS PHARMACY (44)	
1970	Address Not Listed in Research Source	R. L. POLK & CO.
1971	****S ARROYO PKY****	B&G Publications
	LANDERS CHAS R CO SURVYRS (10)	
	PASADENA MOTORS INC (101)	
	****S ARROYO****	B&G Publications
	PECKHAM PEGGY L (130)	
	FILES GORDON L (154)	

Year	Uses	Source
1971 (continued)		
	****CALIFORNIA TER****	B&G Publications
	VIEHOVER RENE (149)	
	****CALIFORNIA****	B&G Publications
	GEFFS ROBT C (101)	
	****WESTBRIDGE PL****	B&G Publications
	CHRISTIAN CARLETON W JR (675)	
	****WESTMINSTER****	B&G Publications
	ROMANO PHILIP P (601)	
	WOMAC OWEN (604)	
	MAGNER MARIE E (628)	
	****ARROYO PKY S****	B&G Publications
	LANDERS CHARLES R CO SURVEYOR (10)	
	CRANES GRILL (12)	
	CROWN TRANSFER & STORAGE CO MOVING (45)	
	UNITED VAN LINES INC (45)	
	ELECTRO MUSIC (WHSE) (55)	
	VACANT (77)	
	VACANT (95)	
	LEA SEVENTY SIX SERVICE (100)	
	VACANT (101)	
	U S P (ARROYO ANNEX) (171)	
	****CALIFORNIA TER****	B&G Publications
	SEWARD RICHD (141)	
	VACANT (143)	
	GOLDBY JAY A (145)	
	VIEHOVER RENE (149)	
	FLORA JOHN F (154)	
	FLORA RONALD (156)	
	HERRERA ROBT L (157)	
	TERRY JOHN (160)	
	MARTINEZ ALBERT (165)	
	MORGAN CORAY E (176)	
	MOORE RUBY W MJS (182)	
	****WESTBRIDGE PL****	B&G Publications
	BOHBUT JAE K (N) (630)	

Year	Uses	Source
1971 (continued)		
	BYRNK RLTH A MRS (635)	
	KIRK HAROLD B (640)	
	CRAWFORD IRENE MRS (N) (645)	
	BILANENHORI JOHN S (660)	
	NO RETURN (665)	
	ACHIER MARGT MRS (670)	
	CHISTIA CRLTO W (675)	
	METTLR HAL C (680)	
	RICH THOS (685)	
	****WESTMINSTER DR****	B&G Publications
	HORN LOWORE A MRS (646)	
	KOLNER ERIC G (648)	
	KEDALL LAH MRS (680)	
	BAKER MARGT W MRSI (690)	
	ROSS HAROLD D (692)	
1972	Address Not Listed in Research Source	R. L. Polk & Co.
1975	****S ARROYO BLVD****	Pacific Telephone
	KING PAT (94)	
	****S ARROYO PKY****	Pacific Telephone
	FRUSH E R PASADENA (32)	
	PASADENA DATSUN (101)	
	****CALIFORNIA TER****	Pacific Telephone
	PETROVICH ROBT (141)	
	DARCY P A (143)	
	MUNGER M (145)	
	FLORA JOHN F (154)	
	TURNEY CATHERINE (156)	
	HERRERA ROBT (157)	
	MORGAN CORAY (176)	
	MOORE RUBY WESTCOTT (182)	
	****WESTBRIDGE PL****	Pacific Telephone
	KIRK HAROLD B (640)	
	COBEY JAS A (645)	
	HULS MURIEL MRS (650)	

Year	Uses	Source
1975 (continued)		
	BENT HENRY W (655)	
	BLANKENHORN JOHN S PASADENA (660)	
	KEATLEY JAS J PASADENA (665)	
	AICHER J W H MRS (670)	
	CHRISTIAN CARLETON W JR (675)	
	EISENBERG I W (680)	
	RICH T L (685)	
	****WESTMINSTER DR****	Pacific Telephone
	ADAMS M E MRS ALHAMBRA (602)	
	SOUTHERN CALIF WHOLESALE TIRE DISTRIBUTORS (603)	
	BALDWIN PARK TRANSFER & STORAGE (633)	
	ORANGE COAST NORTH AMERICAN VAN LINES (633)	
	ORANGE COAST-NORTH AMERICAN VAN LINES (633)	
	HORN L A (646)	
	RUDA P (648)	
	BRAMLETT E R (660)	
	FALKNER ERIC (692)	
1976	****S ARROYO BLVD****	R.L. Polk & co Publishers
	PECKHAM PEGGY L (130)	
	FILES GORDON L (154)	
	****S ARROYO PKY****	R.L. Polk & co Publishers
	PASADENA DATSUN (101)	
	BROWN & CALDWELL (150)	
	ENVIRONMENTAL QUALITY ANALYSTS INC (150)	
	****WESTBRIDGE PL****	R.L. Polk & co Publishers
	AICHER J W H MRS (670)	
	CHRISTIAN CARLETON W JR (675)	
	****ARROYO BLVD S****	R.L. Polk & co Publishers
	PECKHAM PEGGY MRS (130)	
	(N) MICHELSON DEAN R (136)	
	FILES GORDON L HON (154)	
	LOUGHRAN ROBT J (166)	
	VACANT (168)	
	LA CASITA DEL ARROYO PARK (177)	
	PASADENA CASTING CLUB (177)	

Year	Uses	Source
1976 (continued)		
	FREEMAN MARVIN A (180)	
	(N) LITTLE M A (190)	
	LEE NATE (210)	
	****ARROYO PKY S****	R.L. Polk & co Publishers
	VACANT (12)	
	ANCHOR LEASING CORP AUTO LEASING (45)	
	ANCHOR LEASING (GARAGE) (55)	
	PASADENA DATSUN (101)	
	BROWN & CALDWELL CONSULTING ENG (150)	
	ENVIRONMENTAL QUALITY ANALYSTS INC (150)	
	U S POSTAL SERVICE (ARROYO ANNEX) (171)	
	****CALIFORNIA TER****	R.L. Polk & co Publishers
	PETROVICH ROBT (141)	
	DASCY PATRICIA A (143)	
	MC MASTER JANICE F (145)	
	MUNGER M (145)	
	MARTIN CHRISTOPHER (149)	
	FLORA JOHN F (154)	
	TURNEY C (156)	
	HERRERA ROBT L (157)	
	TERRY JOHN (160)	
	NO RETURN (165)	
	MORGAN CORAY E (176)	
	MOORE RUBY W MRS (182)	
	****WESTBRIDGE PL****	R.L. Polk & co Publishers
	BOBBITT JAMES R (630)	
	MELGRAD SVEND E (635)	
	KIRK HAROLD B (640)	
	COBEY JAMES A (645)	
	HULS MURIE R MRS (650)	
	BENT HENRY W (655)	
	BLANKENHORN JOHN S (660)	
	KEATLEY JAMES J (665)	
	AICHER MARGT MRS (670)	
	CHRISTIAN CARLETON W (675)	

Year	Uses	Source
1976 (continued)		
	EISENBERG CHRISTINE MRS (680)	
	RICH THOS L (685)	
	****WESTMINSTER DR****	R.L. Polk & co Publishers
	(N) PATTERSON HENRY C (646)	
	RUDA PATRICIA MRS (648)	
	BRAMLETT EDW R (660)	
	(N) VOYATZIS MARIO S (690)	
	DISMUKES ROBT (692)	
1980	****S ARROYO BLVD****	Pacific Telephone
	PECKHAM BLANCHE L S ARROYO BLVD PASADENA (130)	
	FILES GORDON L S ARROYO BLVD PASADENA (154)	
	LOUGHRAN HELEN L S ARROYO BLVD PASADENA (166)	
	COLLIER JACK S S ARROYO BLVD PASADENA (168)	
	PASADENA CASTING CLUB S ARROYO BLVD PASADENA (177)	
	****S ARROYO PKY****	Pacific Telephone
	ANCHOR LEASING CORP S ARROYO PKWY PASADENA (45)	
	AUTO REFERRAL S ARROYO PKWY PASADENA (101)	
	COAST EQUITY GALLERY S ARROYO PKWY PASADENA (101)	
	DATSUN OF PASADENA S ARROYO PKWY PASADENA (101)	
	BROWN & CALDWELL MARINE SCIENCES DIVISION S ARROYO PKWY PAS (150)	
	BROWN A CALDWELL S ARROYO PKWY PASADENA (150)	
	ENVIRONMENTAL QUALITY ANALYSTS INC S ARROYO PKWY PASADENA (150)	
	UNITED STATES GOVERNMENT POSTAL SERVICE PASADENA (171)	
	****CALIFORNIA TER****	Pacific Telephone
	CARNES EDW G CALIFORNIA TER ARCADIA (19)	
	COTT BARRY CALIFORNIA TER ARCADIA (41)	
	HILLHOUSE JOHN J CALIFORNIA TER ARCADIA (45)	
	HARDY CHRIS CALIFORNIA TER ARCADIA (45)	
	WILKINSONE ANTHONY CALIFORNIA TER ARCADIA (49)	
	ED S WHEELS CALIFORNIA TER ARCADIA (57)	
	NORMAN MICHAEL J CALIFORNIA TER ARCADIA (116)	
	PLETCHER J J CALIFORNIA TER ARCADIA (117)	
	WELTON S M CALIFORNIA TER ARCADIA (117)	
	MC CULLOUGH CARL H CALIFORNIA TER ARCADIA (117)	

Year	Uses	Source
1980 (continued)		
	YURKA M CALIFORNIA TER ARCADIA (124)	
	MASINGALE M CALIFORNIA TER ARCADIA (124)	
	CARDONA MICHAEL B CALIFORNIA TER ARCADIA (125)	
	KEDDIE WARREN W CALIFORNIA TER ARCADIA (126)	
	BAKER N J CALIFORNIA TER ARCADIA (129)	
	LAMB MARVIN CALIFORNIA TER ARCADIA (129)	
	WALL DORIS L CALIFORNIA TER ARCADIA (129)	
	DREYER JEFFREY S CALIFORNIA TER ARCADIA (130)	
	ORME MAURICE F CALIFORNIA TER ARCADIA (133)	
	REHAL JAS MRS CALIFORNIA TER ARCADIA (133)	
	MADDEN DOROTHY CALIFORNIA TER ARCADIA (136)	
	QUARNSTROM J M CALIFORNIA TER ARCADIA (137)	
	DOUGHERTY J W CALIFORNIA TER ARCADIA (138)	
	HAPPY MUGGER THE CALIFORNIA TER ARCADIA (141)	
	ROTH SHEILA CALIFORNIA TER ARCADIA (141)	
	ROBINSON MICHAEL CALIFORNIA TER ARCADIA (141)	
	CIMINO REGINALD & NANCY CALIFORNIA TER ARCADIA (142)	
	FOSTER ROBT A CALIFORNIA TER ARCADIA (142)	
	IMPARATO S C CALIFORNIA TER ARCADIA (142)	
	SWIM NORMAN B CALIFORNIA TER ARCADIA (145)	
	SCHURTER A M CALIFORNIA TER ARCADIA (148)	
	VAIL RUSSELL CALIFORNIA TER PASADENA (149)	
	ELMORE LAURA CALIFORNIA TER ARCADIA (150)	
	SPARKS GLENN CALIFORNIA TER ARCADIA (150)	
	DE SALVIA JENNIE T CALIFORNIA TER ARCADIA (151)	
	DINES JOE A CALIFORNIA TER ARCADIA (151)	
	JONES TROY C CALIFORNIA TER ARCADIA (151)	
	MORGAN F GONYO CALIFORNIA TER ARCADIA (151)	
	BOSLAUGH RENA CALIFORNIA TER ARCADIA (152)	
	RUNION BEATRICE MRS CALIFORNIA TER ARCADIA (152)	
	WHEATON P CALIFORNIA TER PASADENA (154)	
	CLIMES LLOYD F MRS CALIFORNIA TER ARCADIA (155)	
	FERRELL KEVIN & LISA CALIFORNIA TER ARCADIA (155)	
	FOSTER EDWARD H CALIFORNIA TER ARCADIA (155)	
	TURNER RANDALL CALIFORNIA TER ARCADIA (155)	
	TURNEY CATHERINE CALIFORNIA TER PASADENA (156)	

Year	Uses	Source
1980 (continued)	HERRERA ROBT CALIFORNIA TER PASADENA (157)	
	MC CORKLE MYRON CALIFORNIA TER ARCADIA (159)	
	TERRY JOHN CALIFORNIA TER PASADENA (160)	
	TERRY VERONICA CALIFORNIA TER PASADENA (160)	
	CISNEROS TOM CALIFORNIA TER ARCADIA (165)	
	JOHNSON STEVEN M CALIFORNIA TER ARCADIA (165)	
	KRAUS ED CALIFORNIA TER ARCADIA (165)	
	PURSELL L CALIFORNIA TER ARCADIA (165)	
	VELOZ PAUL CALIFORNIA TER ARCADIA (165)	
	THOMMES ERNEST P CALIFORNIA TER ARCADIA (167)	
	MORGAN CORAY CALIFORNIA TER PASADENA (176)	
	****WESTBRIDGE PL****	Pacific Telephone
	BOBBITT JAS R MD WESTBRIDGE PL PASADENA (630)	
	KIRK HAROLD B WESTBRIDGE PL PASADENA (640)	
	COBEY JAS A WESTBRIDGE PL PASADENA (645)	
	HULS M R WESTBRIDGE PL PASADENA (650)	
	BURKHAM JAS C WESTBRIDGE PL PASADENA (655)	
	BLANKENHORN JOHN S WESTBRIDGE PL PASADENA (660)	
	KEATLEY JAS J WESTBRIDGE PL PASADENA (665)	
	AICHER WM H WESTBRIDGE PL PASADENA (670)	
	HERINGTON DONALD D WESTBRIDGE PL PASADENA (675)	
	RICH T L WESTBRIDGE PL PASADENA (685)	
	****WESTMINSTER DR****	Pacific Telephone
	SOUTHERN CALIF WHOLESALE TIRE DISTRIBUTORS WESTMINSTER DR S (603)	
	ALLIED VAN LINES AGENT WESTMINSTER DR (631)	
	ALLIED VAN LINES INC MOVNG AGENCIES BEVERLY HILLS (631)	
	ORANGE COAST MOVING & STORAGE INC WESTMINSTER DR SAN DIMAS (631)	
	JONES K C WESTMINSTER DR PASADENA (646)	
	BROADWATER JON V WESTMINSTER DR PASADENA (648)	
	DELAMATER THOS R WESTMINSTER DR PASADENA (648)	
	CAVA GREG WESTMINSTER DR PASADENA (660)	
	HANDY R WESTMINSTER DR PASADENA (692)	
1981	****S ARROYO BLVD****	Pacific Telephone
	GORDON L PAS (154)	

Year	Uses	Source
1981 (continued)		
	****S ARROYO PKY****	Pacific Telephone
	PASADENA DATSUN PAS (101)	
	****CALIFORNIA****	Pacific Telephone
	GUARDIAN LIFE INSURANCE COMPANY OF AMERICA THE SAN FRANCI (50)	
1985	****S ARROYO BLVD****	Pacific Bell
	HOOVER HOWARD L (71)	
	CUMBERLAND B J (130)	
	MESSNER ERNEST & LYNWOOD (136)	
	FILES GORDON L (154)	
	FILES KATHRYN & GORDON (154)	
	****S ARROYO PKY****	Pacific Bell
	ANCHOR LEASING CORP (45)	
	ANCHOR RENT A CAR (45)	
	RICHARDSON WILLIAM M (77)	
	PASADENA DATSUN PARTS (101)	
	PASADENA DATSUN PARTS (101)	
	PASADENA DATSUN PARTS (101)	
	BROWN & CALDWELL (150)	
	BROWN & CALDWELL MARINE SCIENCES DIVISION (150)	
	ENVIRONMENTAL QUALITY ANALYSTS INC (150)	
	PUBLIC STORAGE (171)	
	****CALIFORNIA TER****	Pacific Bell
	BAUER MATT (11)	
	FOSTER STEVEN H (11)	
	COTT BARRY (41)	
	DICK TIM (45)	
	HILLHOUSE JOHN J (45)	
	WILKINSON ANTHONY (49)	
	BEIER KURT & VONNY (53)	
	DELUCA TONY & KIM (53)	
	ILG N B (59)	
	COX C (114)	
	GIBBS D (114)	
	WELTON S M (117)	
	WOOD JON N (117)	

Year	Uses	Source
1985 (continued)		
	FAIR CHRIS (121)	
	YURKA M (124)	
	LAMB MARVIN ARCADIA (129)	
	WALL D L (129)	
	MANNING DEBRA (130)	
	REHAL M (133)	
	MADDEN DOROTHY (136)	
	ALKADIS NICK (137)	
	GROSS LILI (137)	
	DOUGHERTY J W (138)	
	KANG HOJOON (142)	
	KIM YONG JU (142)	
	CARTER GREGORY W (145)	
	KEIL KERRY L (148)	
	PARIS ALTERATIONS BY AGAVNI (148)	
	VAIL RUSSELL (149)	
	SPARKS GLENN (150)	
	SPARKS J (150)	
	DINES JOE A (151)	
	MORGAN F GONYO (151)	
	COLLIER JACK D (154)	
	CLIMES LLOYD F MRS (155)	
	FOSTER EDWARD H (155)	
	MURPHY GARY F (155)	
	BOGEN M (156)	
	GARBASSI B (156)	
	HERRERA ROBT (157)	
	STROUD TIM B (158)	
	HARRELL RAY (159)	
	SAMS DARLENE & JAMES ARCADIA (159)	
	THEISS RICHARD H (159)	
	DEBBAN ELIZABETH A (160)	
	BOGDAN L (161)	
	CISNEROS TOM (165)	
	KRAUS ED (165)	
	SABATINO Y (165)	

Year	Uses	Source
1985 (continued)	SACLAYAN M (165)	
	WARREN J (165)	
	THOMMES ERNEST P (167)	
	MORGAN COIA (176)	
	****WESTBRIDGE PL****	Pacific Bell
	BOBBITT JAMES R MD (630)	
	KIRK HAROLD B (640)	
	COBEY JAS A (645)	
	BLANKENHORN JOHN S (660)	
	KEATLEY JAS J (665)	
	KOTKIN BERNARD & VIRGINIA J (680)	
	RICH T L (685)	
	****WESTMINSTER DR****	Pacific Bell
	SOUTHERN CALIF WHOLESALE TIRE DISTRIBUTORS (603)	
	MC NIEL J STEPHEN & LINDA (648)	
	CUMBERLAND BETTY (660)	
	ACTION SALES CO (675)	
	HANDY R (692)	
	****CALIFORNIA PL****	Pacific Bell
	S MOHEIMANI ASSAD (161)	
1986	****S ARROYO BLVD****	Pacific Bell
	FILES GORDON L PAS (154)	
	FILES KATHRYN & GORDON PAS (154)	
	****S ARROYO PKY****	Pacific Bell
	BROWN & CALDWELL MARINE SCIENCES DIVISION PAS (150)	
	BROWN AND CALDWELL PAS (150)	
	****WESTMINSTER DR****	Pacific Bell
	CUMBERLAND BETTY PAS (660)	
1990	****S ARROYO BLVD****	Pacific Bell
	FILES KATHRYN & GORDON PAS (154)	
	****WESTMINSTER DR****	Pacific Bell
	CUMBERLAND BETTY PAS (660)	
1991	****CALIFORNIA TRL****	Pacific Bell
	DI CICCO ANTHONY LL (105)	

Year	Uses	Source
1991	(continued)	
	DI CICCO L (105)	
	DI CIOLLI THOS S (105)	
	DICICCO BILL (105)	
1995	****ARROYO AVE S****	Pacific Bell Telephone
	ARROYO BUILDING MATERIALS (90)	
	****S ARROYO BLVD****	Pacific Bell Telephone
	ROGERS MAYNARD M (24)	
	JONES-SPERBER KIM (130)	
	GRANT ROBERT & KATHLEEN (180)	
	****S ARROYO PKY****	Pacific Bell Telephone
	BALLY S NAUTILUS AEROBICS PLUS (45)	
	BROWN & CALDWELL MARINE SCIENCES DIVISION (150)	
	BROWN &CALDWELL (150)	
	NATHANIEL JULENE L (171)	
	PUBLIC STORAGE STORAGE LOCATIONS (171)	
	****CALIFORNIA AVE****	Pacific Bell Telephone
	HEALTHCARE RESOURCES NETWORK (55)	
	****CALIFORNIA TER****	Pacific Bell Telephone
	SOOLILIH (11)	
	SOOLILIH (11)	
	FRIEDMAN JODI (21)	
	KRAMER MARC (21)	
	KING PAI-CHUAN (31)	
	NOVAK ANTE (53)	
	MURILLO R (117)	
	MURLLO GEO A (117)	
	HO CHEAO CHIEH (118)	
	HAWKINS KEN VAN (121)	
	YURKAM (124)	
	LAMB MARVIN (129)	
	REHAL M (133)	
	WEI JOHN (133)	
	DENNING DALE (136)	
	DOUGHERTY J W (138)	
	VAIL RUSSELL (149)	

Year	Uses	Source
1995 (continued)		
	DINES JOE A (151)	
	HENKE PUBLICATIONS MANAGEMENT (154)	
	GCSEEROSTOM (165)	
	SOILS AL (165)	
	MORGAN CORAY (176)	
	****WESTBRIDGE PL****	Pacific Bell Telephone
	BOBBITTJAMES R MD (630)	
	KIRK HAROLD B (640)	
	DENISON JAMES H (650)	
	KEATLEY JAS J (665)	
	JONES EVERETT (675)	
	WAGNER P (675)	
	HOUSE JAMES (680)	
	JONES-HOUSE DANA R (680)	
	RICH T L (685)	
	****WESTMINSTER DR****	Pacific Bell Telephone
	PASADENA (660)	
	****CALIFORNIA****	Pacific Bell Telephone
	M GROSVEW D (8)	
	NATKIN & WEISBACH ATTYS SAN FRANCISCO (101)	
	****S ARROYO BLVD****	Pacific Bell Telephone
	FILES KATHRYN & GORDON PAS (154)	
	FAUVRE JOHN S (30)	
	GRANT ROBERT & KATHLEEN (100)	
	ARROYO PARKWAY PLAZA (111)	
	FILES KATHRYN & GORDON (154)	
	WHALEY J PATRICK (166)	
	****S ARROYO PKY****	Pacific Bell Telephone
	!1 HOLIDAY INN EXPRESS ROSEMEAD (3)	
	PYLE JOHN LCS W (7)	
	PASADENA (10)	
	ROGERS MAYNARD M (24)	
	ROGERS MICHAEL D (24)	
	LANCE VALVE (26)	
	V C R CAMERA RENTALS INC S (90)	

Year	Uses	Source
1995 (continued)		
	THOMAS POTTMEYER CO (111)	
	JONES SPERBER KIM (130)	
	JONES STACY (130)	
	BROW N &CALDW E LL (150)	
	BRINDERSON BROWN & CALDWELL (150)	
	BRINDIS R (150)	
	BROWN & CALDWELL MARINE SCIENCES DIVISION (150)	
	NATHANIEL JULENE L (171)	
	****CALIFORNIA TER****	Pacific Bell Telephone
	FAIN W CCO IL (51)	
	VAIL RUSSELL (149)	
	I HERRERA ROBT (157)	
	SOILS AL (165)	
	MORGAN CORAY (176)	
	MORGAN D DUAR (176)	
	MORGAN DANIEL (176)	
	MORGAN DARLENE & RANDOLPH (176)	
	****WESTBRIDGE PL****	Pacific Bell Telephone
	HOUSE JAMES O (600)	
	HOUSE JOHN (600)	
	KIRK HAROLD B (640)	
	DENISON JAMES H (650)	
	KEATLEY JAS J (665)	
	I TIGER JON (675)	
1996	Address Not Listed in Research Source	GTE
1999	****N ARROYO BLVD****	Haines Company
	BRANDT KEVIN M (50)	
	XXXX (54)	
	DEROSA CONNIE M (59)	
	JONES SLYVIA (62)	
	JONES SYLVIA (62)	
	JONES VERNON (62)	
	MARTIN J EDWARD (62)	
	JENKINS MARLOHN B (66)	

Year	Uses	Source
1999 (continued)		
	****S ARROYO BLVD****	Haines Company
	XXXX (24)	
	X WESTMINSTER DR (52)	
	XXXX (52)	
	XXXX (130)	
	MISHALANY GEORGE H (136)	
	FILES KATHRYN T (154)	
	WHALEY J PATRICK (166)	
	XXXX (177)	
	GRANT KATHLEEN (180)	
	GRANT ROBERT (180)	
	X WESTBRIDGE PL (210)	
	XXXX (210)	
	****CALIFORNIA TER****	Haines Company
	FINUCANE D (141)	
	HANNAFIN BRIAN (143)	
	HANNAFIN KELLEY (143)	
	XXXX (145)	
	VAIL RUSSELL (149)	
	XXXX (154)	
	HERRERA ROBT (157)	
	SOLIS AL (165)	
	X WESTMINSTER DR (165)	
2000	****CALIFORNIA AVE****	Pacific Bell Telephone
	BUS 107 RES 61 NEW (17)	
	CENT DISCOUNT STORE NO (99)	
	BUS 236 RES 211 NEW (1)	
	BUS 122 RES 61 NEW (6)	
	BUS 59 RES 27 NEW (8)	
	BUS 666 RES 252 NEW (12)	
	BUS 112 RES 55 NEW (21)	
2001	Address Not Listed in Research Source	Haines & Company, Inc.
2003	****CALIFORNIA DR****	Haines & Company
	S QUATRINI THOMAS (57)	

Year	***Uses***	***Source***
2004	Address Not Listed in Research Source	Haines Company

The EDR Aerial Photo Decade Package

DESIDERIO HALL USARC
655 WESTMINSTER DR
PASADENA, CA 91105

Inquiry Number: 1715536.26

July 14, 2006

EDR® Environmental Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

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

EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

Aerial Photography July 14, 2006

Target Property:

655 WESTMINSTER DR

PASADENA, CA 91105

Year	***Scale***	***Details***	***Source***
1928	Aerial Photograph. Scale: 1"=500'	Flight Year: 1928	Fairchild
1938	Aerial Photograph. Scale: 1"=555'	Flight Year: 1938	Laval
1949	Aerial Photograph. Scale: 1"=500'	Flight Year: 1949	Fairchild
1956	Aerial Photograph. Scale: 1"=400'	Flight Year: 1956	Fairchild
1965	Aerial Photograph. Scale: 1"=666'	Flight Year: 1965	Fairchild
1976	Aerial Photograph. Scale: 1"=666'	Flight Year: 1976	Teledyne
1989	Aerial Photograph. Scale: 1"=666'	Flight Year: 1989	USGS
1994	Aerial Photograph. Scale: 1"=666'	Flight Year: 1994	USGS
2002	Aerial Photograph. Scale: 1"=666'	Flight Year: 2002	USGS

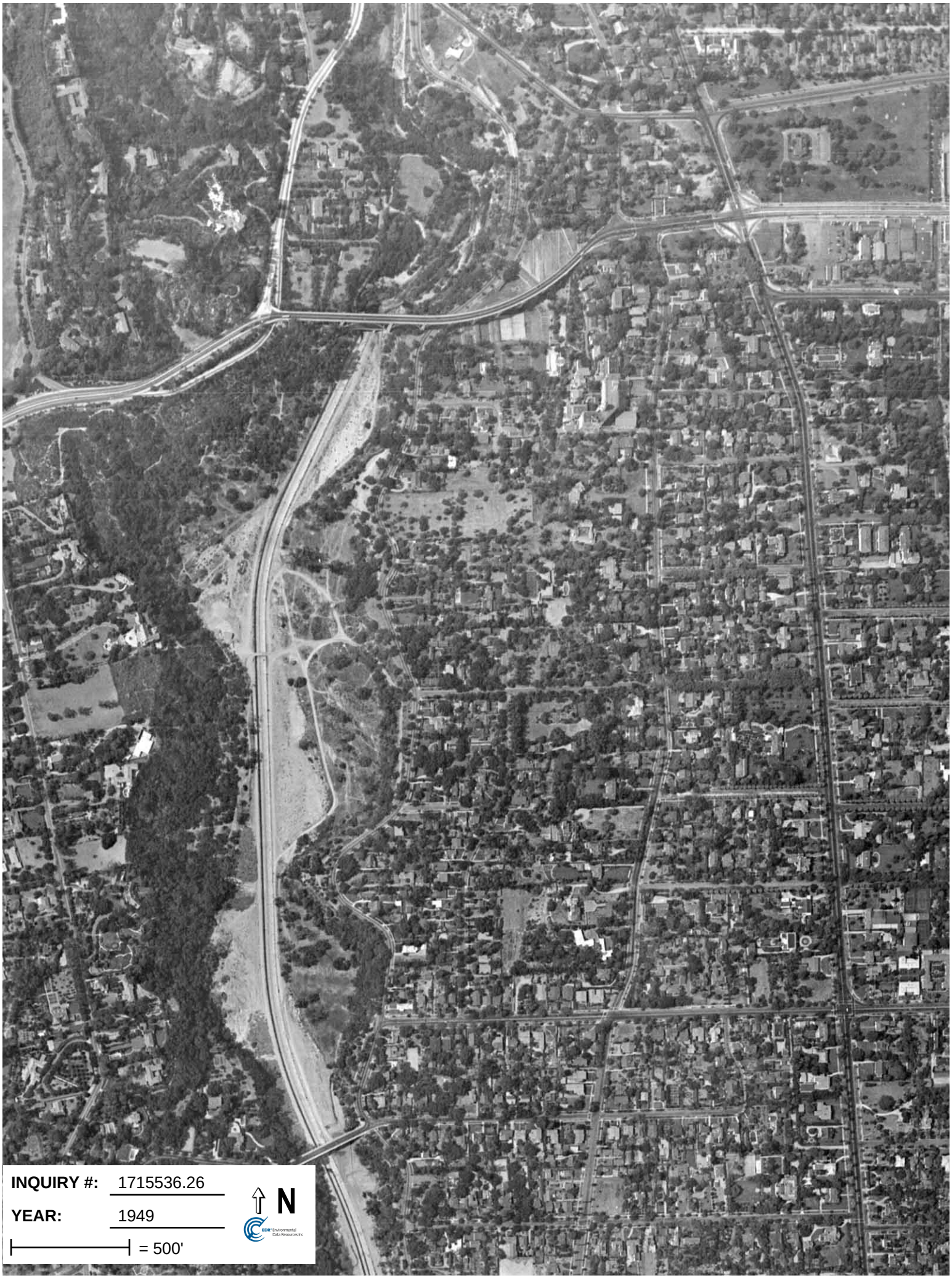
INQUIRY #: 1715536.26

YEAR: 1928

N

= 500'

INQUIRY #: 1715536.26
YEAR: 1938
= 555'
N


INQUIRY #: 1715536.26
YEAR: 1949
= 500'
N

INQUIRY #: 1715536.26
YEAR: 1956
= 400'
N
EDR Environmental Data Resources Inc

INQUIRY #: 1715536.26
YEAR: 1965
= 666'
N
EDR Environmental Data Resources Inc

INQUIRY #: 1715536.26
YEAR: 1976
= 666'
N

"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Robert Newman
FMSM Engineers
1901 Nelson Miller
Louisville, KY 40223

Order Date: 7/14/2006 **Completion Date:** 7/14/2006
Inquiry #: 1715536.24s
P.O. #: NA
Site Name: DESIDERIO HALL USARC
Address: 655 WESTMINSTER DR
City/State: PASADENA, CA 91105
Cross Streets:

Customer Project: USARC
1022764WEI 502-212-5039

Based on client-supplied information, fire insurance maps for the following years were identified

1910 - 1 Map
1931 - 1 Map
1950 - 1 Map
1970 - 1 Map

Limited Permission to Photocopy Total Maps: 4

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USER'S GUIDE

This User's Guide provides guidelines for accessing Sanborn Map® images and for transferring them to your Word Processor.

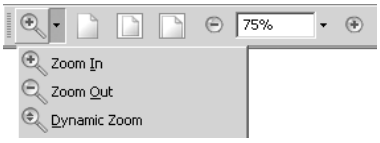
Reading Sanborn Maps

- Sanborn Maps document historical property use by displaying property information through words, abbreviations, and map symbols. The Sanborn Map Key provides information to help interpret the symbols and abbreviations used on Sanborn Maps. The Key is available from EDR's Web Site at: http://www.edrnet.com/reports/samples/key.pdf

Organization of Electronic Sanborn Image File

- Sanborn Map Report, listing years of coverage
- User's Guide
- Oldest Sanborn Map Image
- Most recent Sanborn Map Image

Navigating the Electronic Sanborn Image File

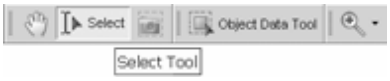


1. Open file on screen.
2. Identify TP (Target Property) on the most recent map.
3. Find TP on older printed images.
4. Using Acrobat® Reader®, zoom to 250% in order to view more clearly. (200-250% is the approximate equivalent scale of hardcopy Sanborn Maps.)
   A. On the menu bar, click "View" and then "Zoom to..."
   B. Or, use the magnifying tool and drag a box around the TP

Printing a Sanborn Map From the Electonic File

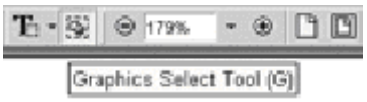
- EDR recommends printing images at 300 dpi (300 dpi prints faster than 600 dpi)
- To print only the TP area, cut and paste from Acrobat to your word processor application.

<u>Acrobat Versions 6 and 7</u>



1. Go to the menu bar
2. Click the "Select Tool"
3. Draw a box around the area selected
4. "Right click" on your mouse
5. Select "Copy Image to Clipboard"
6. Go to Word Processor such as Microsoft Word, paste and print.

<u>Acrobat Version 5</u>



1. Go to the menu bar
2. Click the "Graphics Select Tool"
3. Draw a box around the area selected
4. Go to "Menu"
5. Highlight "Edit"
6. Highlight "Copy"
7. Go to Word Processor such as Microsoft Word, paste and print.

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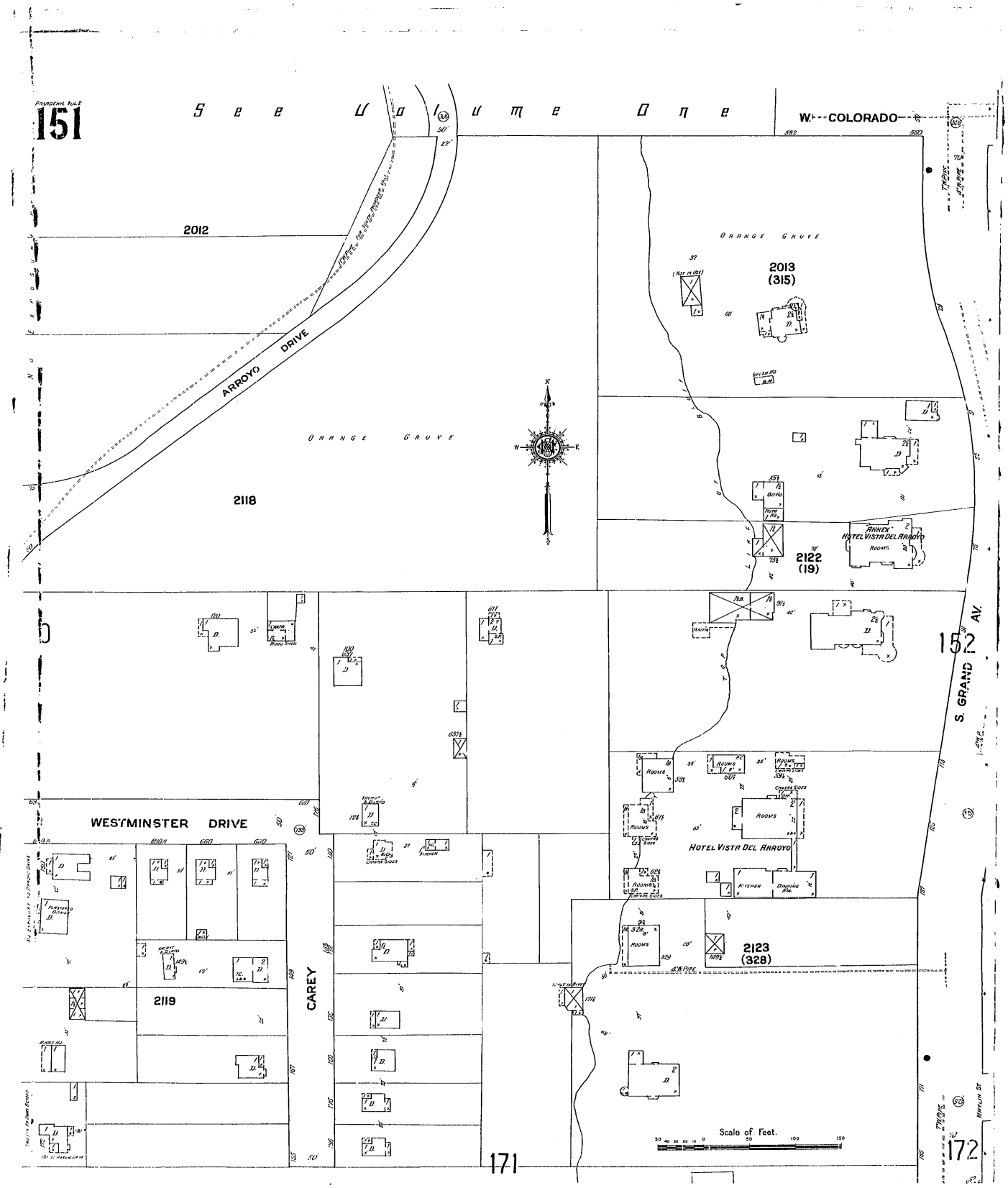
- Images are grouped intro one file, up to 2MB.
- In cases where in excess of 6-7 map years are available, the file size typically exceeds 2MB. In these cases, you will receive multiple files, labeled as "1 of 3", "2 of 3", etc. including all available map years.
- Due to file size limitations, certain ISPs, including AOL, may occasionally delay or decline to deliver files. Please contact your ISP to identify their specific file size limitations.



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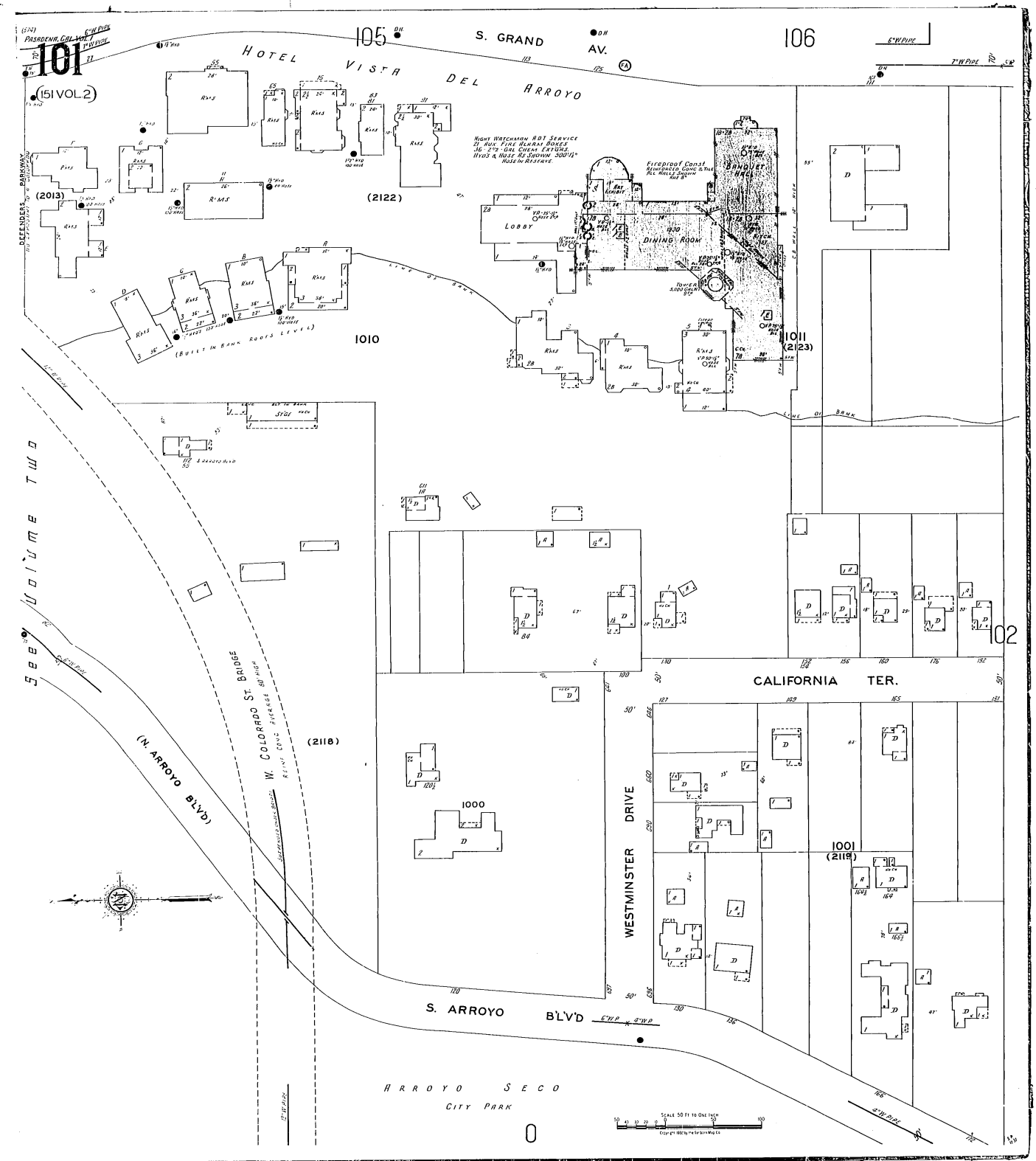

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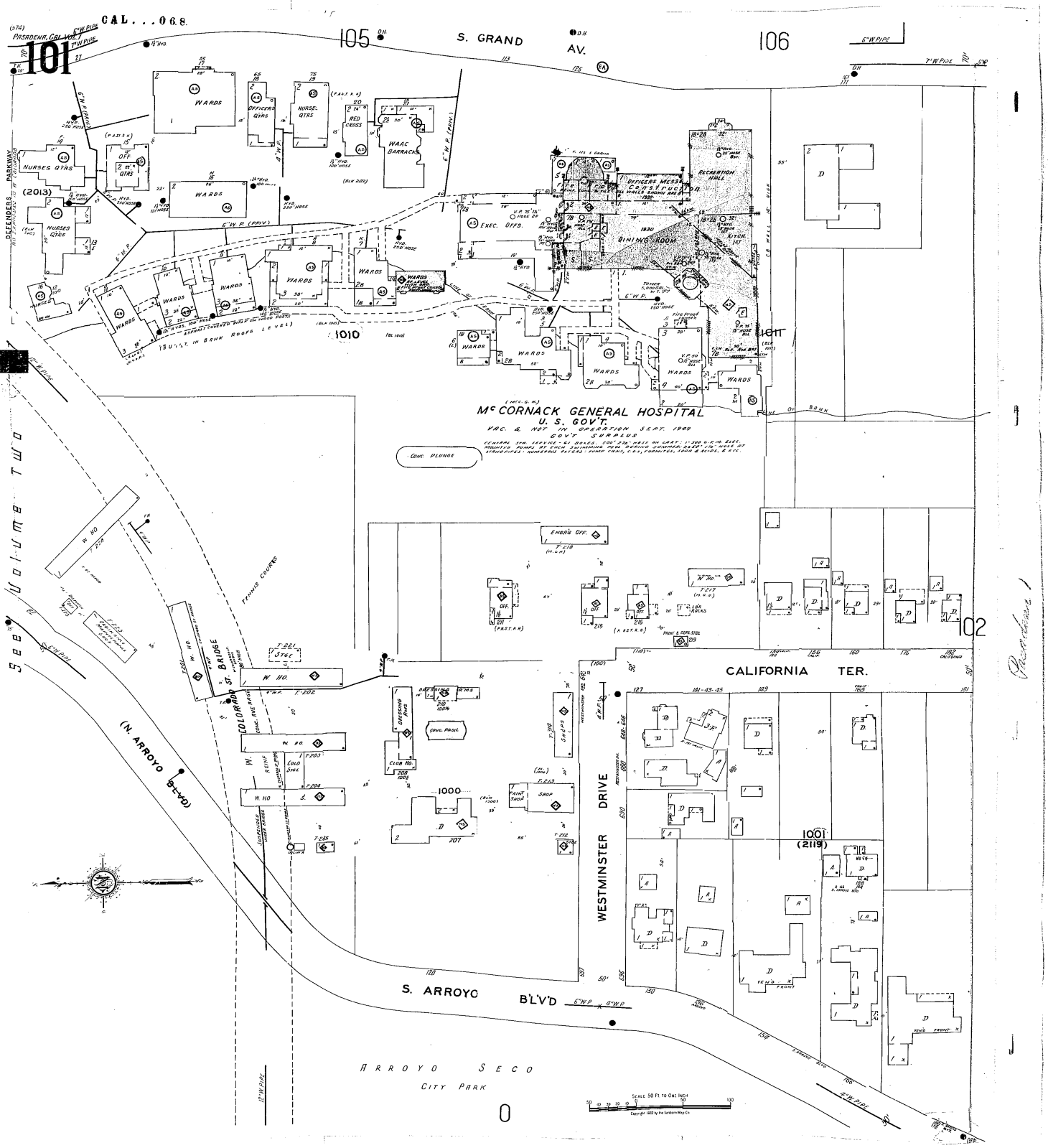

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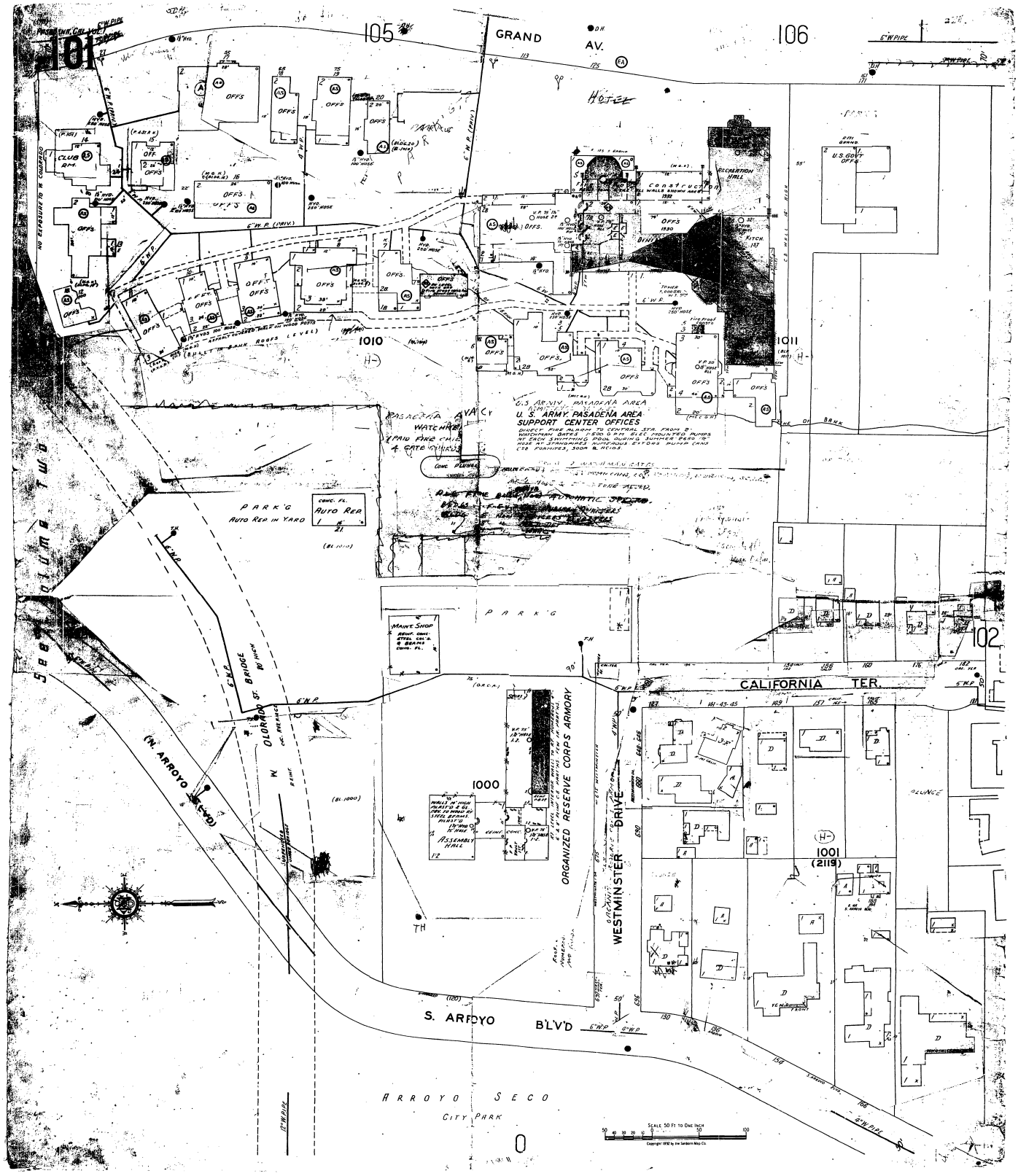

EDR Historical Topographic Map Report

DESIDERIO HALL USARC
655 Westminster Dr
Pasadena, CA 91105

Inquiry Number: 1751453.1

September 08, 2006

EDR® Environmental Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Rd
Milford, Connecticut 06461

Nationwide Customer Service

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

EDR Historical Topographic Map Report

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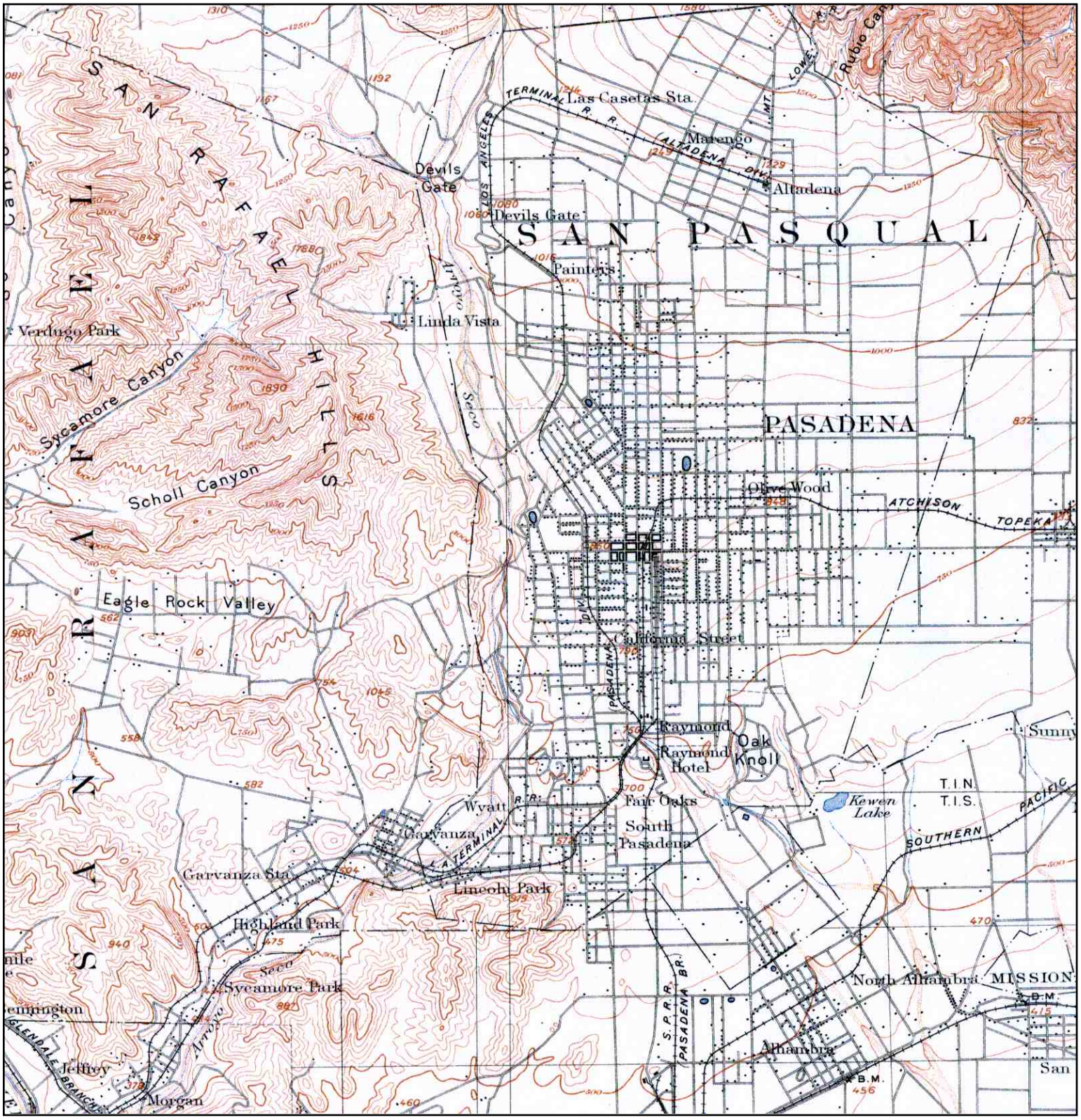
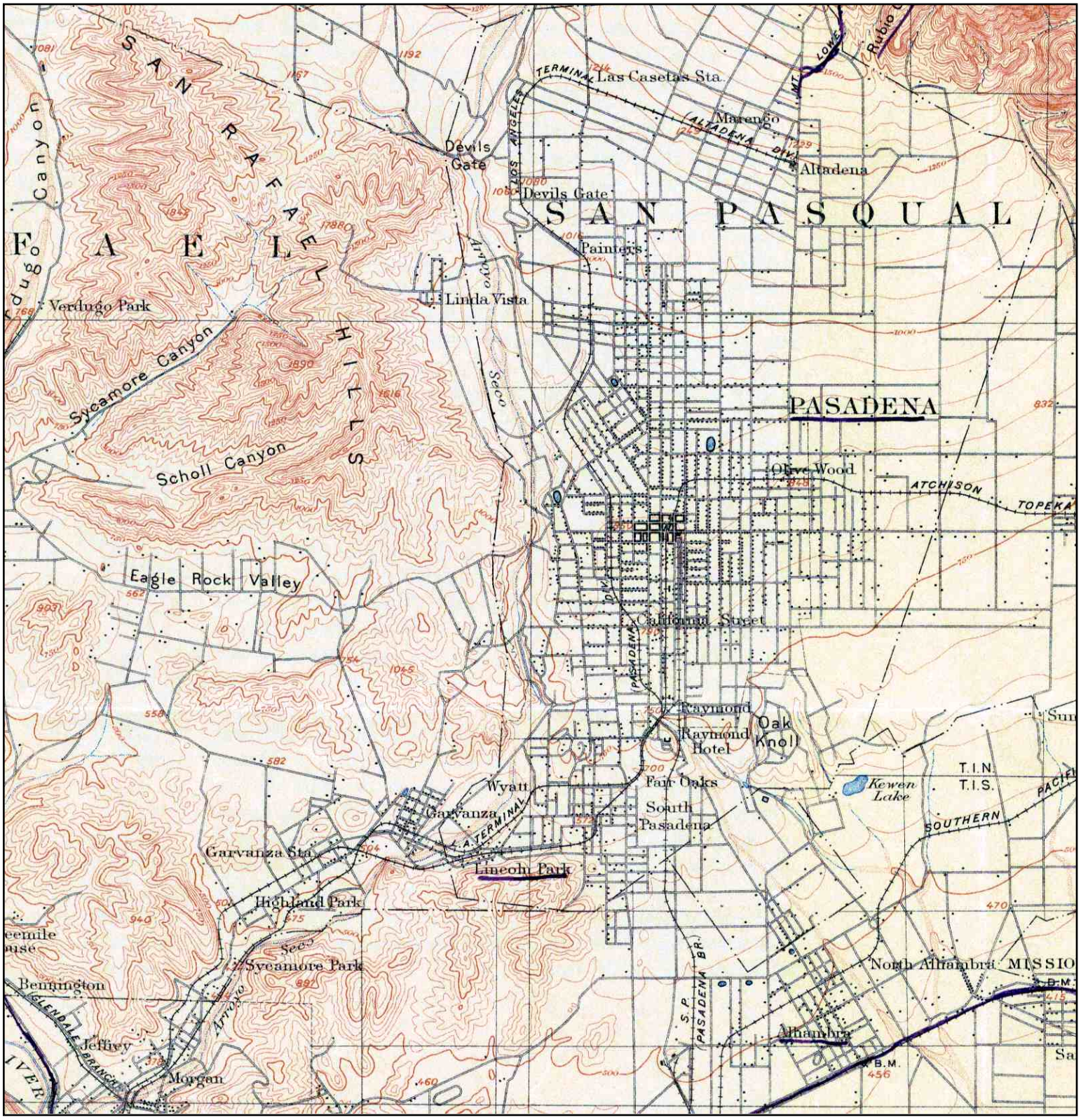
Historical Topographic Map



N	TARGET QUAD NAME: PASADENA MAP YEAR: 1913 SERIES: 15 SCALE: 1:62500	SITE NAME: DESIDERIO HALL ADDRESS: 959 Westminster Dr Pasadena, CA 91105 LAT/LONG: 34.1435 / 118.1649	CLIENT: FMSM Engineers CONTACT: Robert Newman INQUIRY#: 1751453.1 RESEARCH DATE: 09/08/2006

USARG

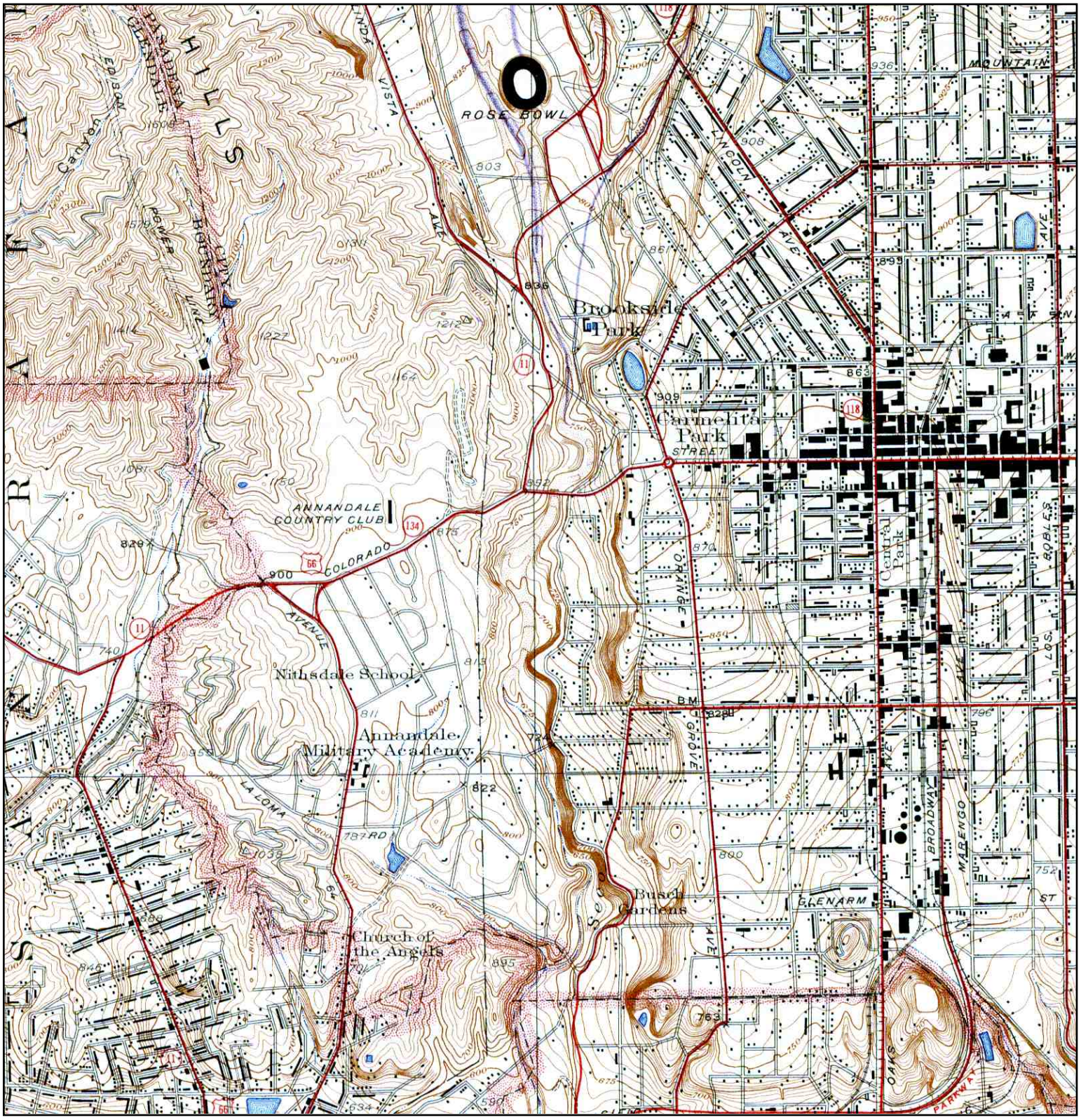
Historical Topographic Map



N	TARGET QUAD NAME: LOS ANGELES MAP YEAR: 1915 SERIES: 15 SCALE: 1:62500	SITE NAME: DESIDERIO HALL ADDRESS: 655 Westminster Dr Pasadena, CA 91105 LAT/LONG: 34.1435 / 118.1649	CLIENT: FMSM Engineers CONTACT: Robert Newman INQUIRY#: 1751453.1 RESEARCH DATE: 09/08/2006

HSARC

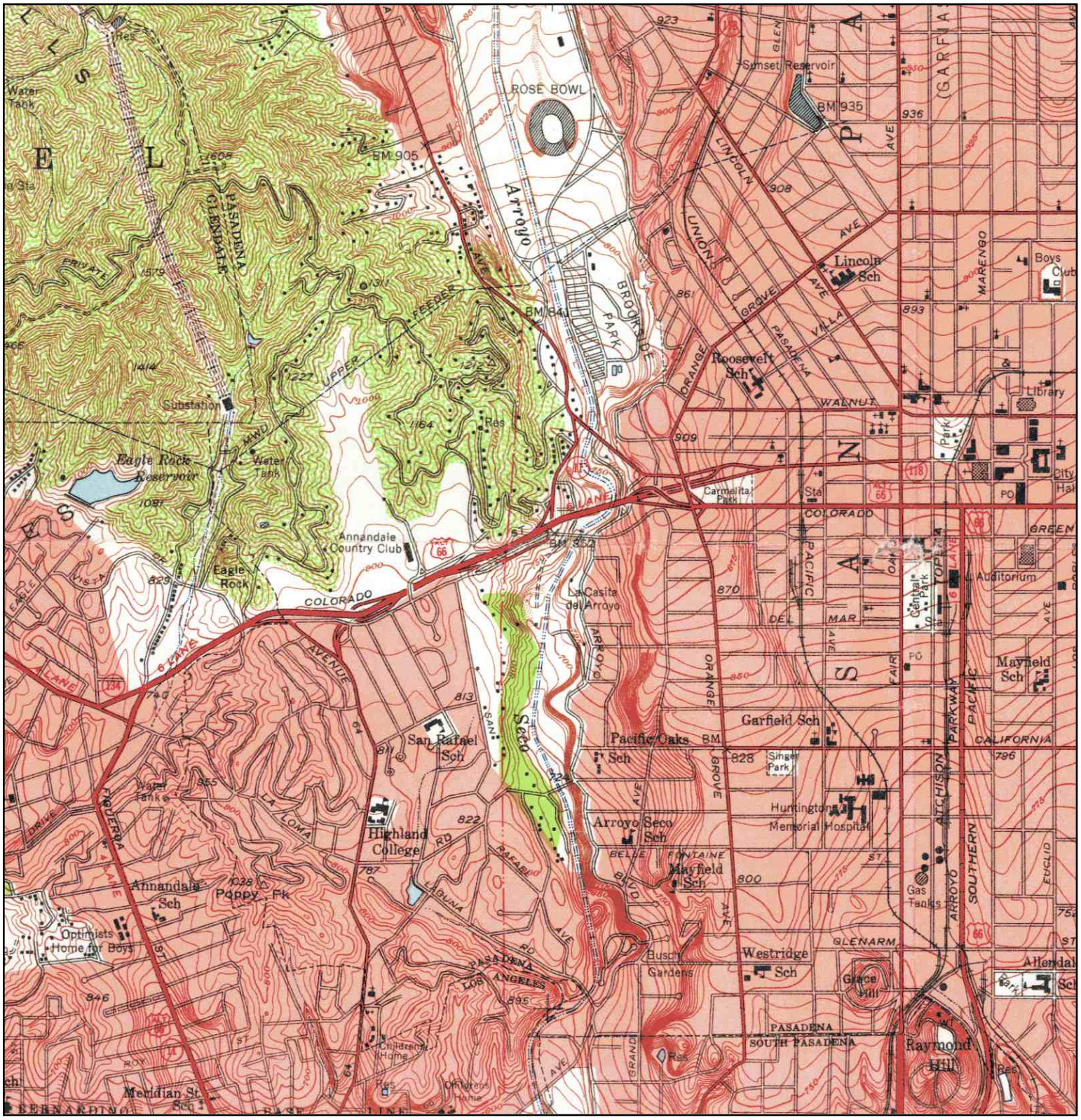
Historical Topographic Map



N	TARGET QUAD NAME: ALTADENA MAP YEAR: 1941 SERIES: 6 SCALE: 1:24000	SITE NAME: DESIDERIO HALL ADDRESS: 959 Westminster Dr Pasadena, CA 91105 LAT/LONG: 34.1435 / 118.1649	CLIENT: FMSM Engineers CONTACT: Robert Newman INQUIRY#: 1751453.1 RESEARCH DATE: 09/08/2006

USARG

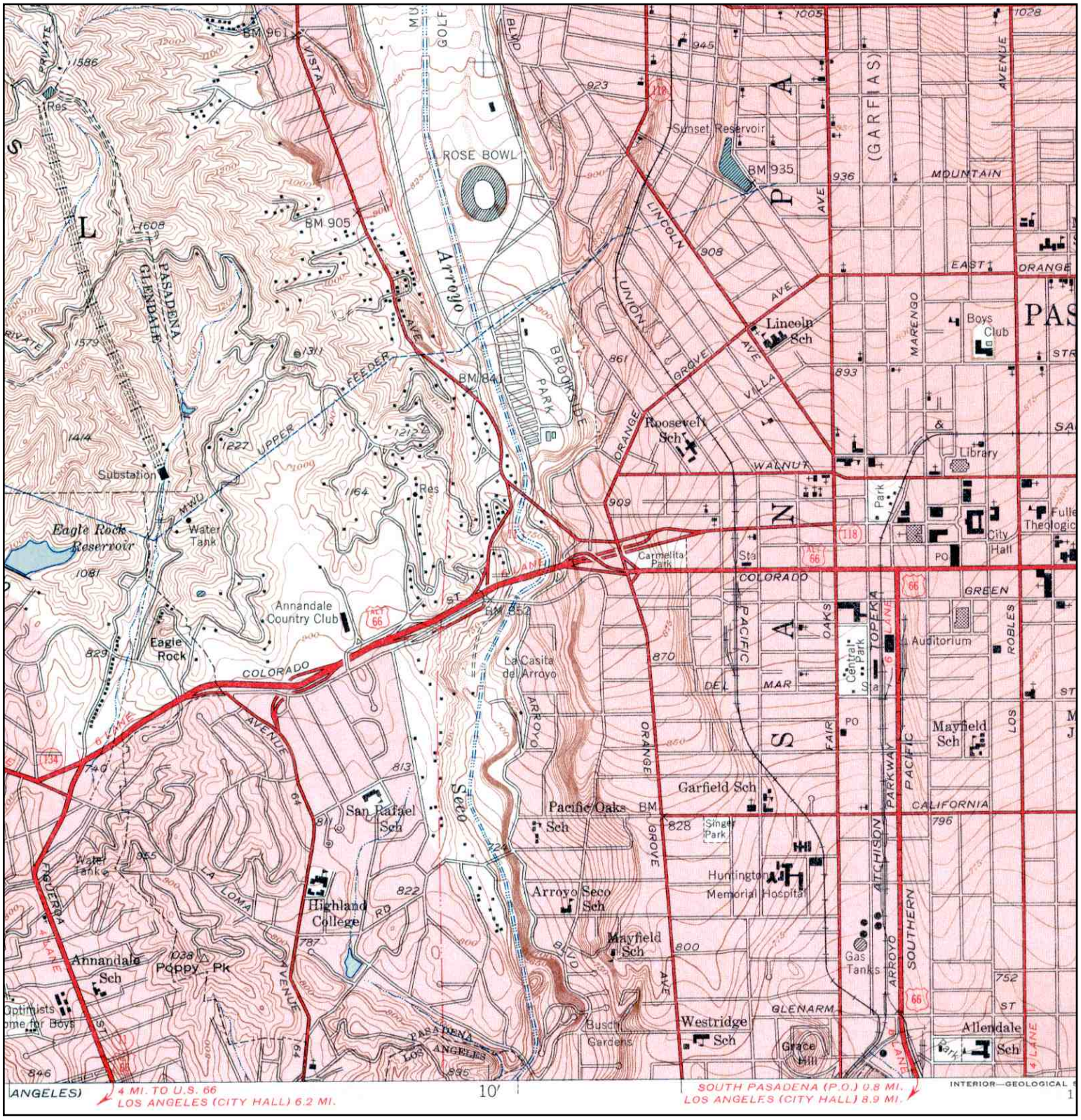
Historical Topographic Map



N	TARGET QUAD NAME: LOS ANGELES AND VICINITY EAST 3 OF 4 MAP YEAR: 1953 SERIES: 7.5 SCALE: 1:24000	SITE NAME: DESIDERIO HALL ADDRESS: 658 Westminster Dr Pasadena, CA 91105 LAT/LONG: 34.1435 / 118.1649	CLIENT: FMSM Engineers CONTACT: Robert Newman INQUIRY#: 1751453.1 RESEARCH DATE: 09/08/2006

USARG

Historical Topographic Map



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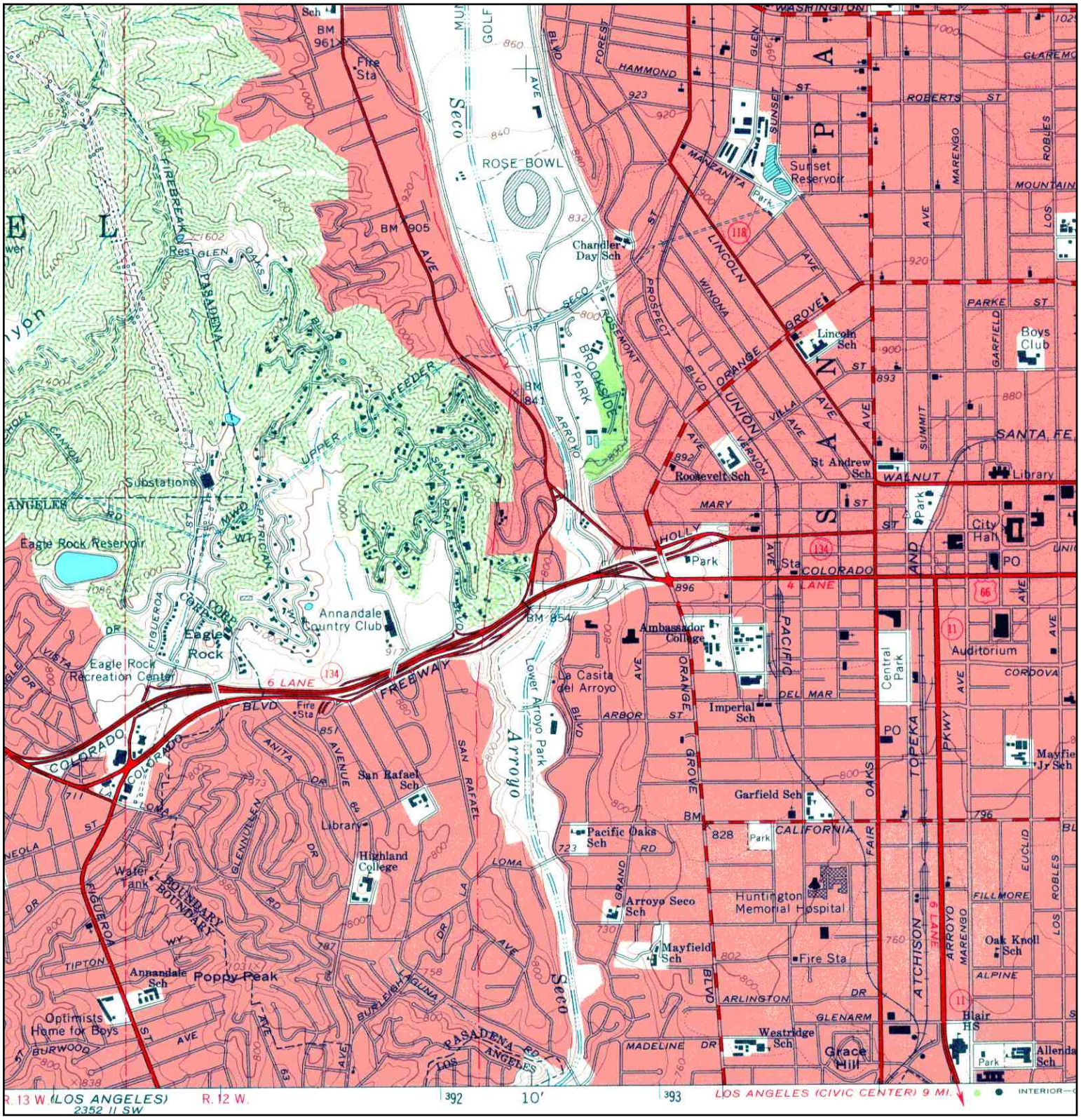
Historical Topographic Map



N	TARGET QUAD NAME: PASADENA MAP YEAR: 1966 SERIES: 7.5 SCALE: 1:24000	SITE NAME: DESIDERIO HALL ADDRESS: 659 Westminster Dr Pasadena, CA 91105 LAT/LONG: 34.1435 / 118.1649	CLIENT: FMSM Engineers CONTACT: Robert Newman INQUIRY#: 1751453.1 RESEARCH DATE: 09/08/2006

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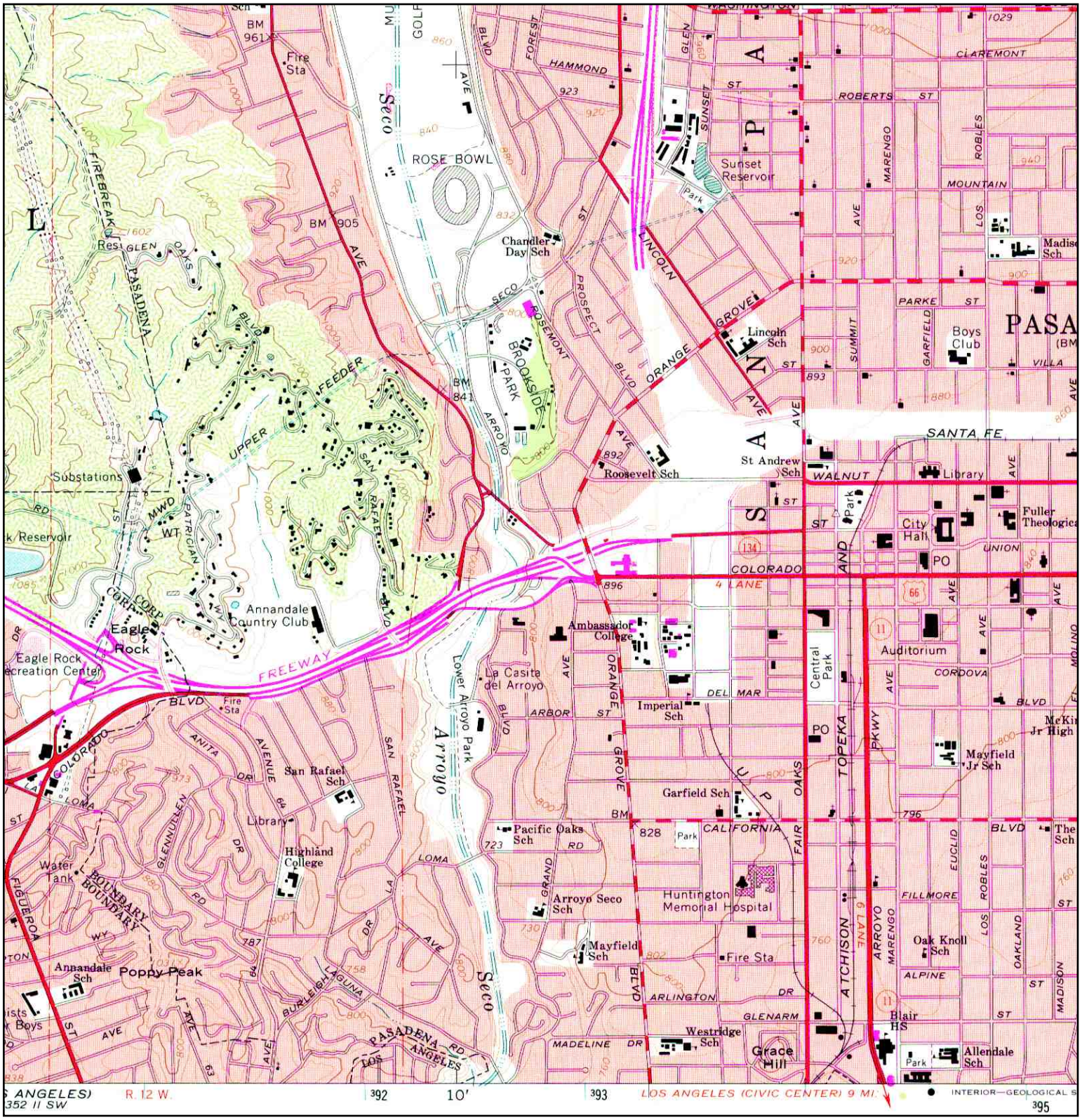
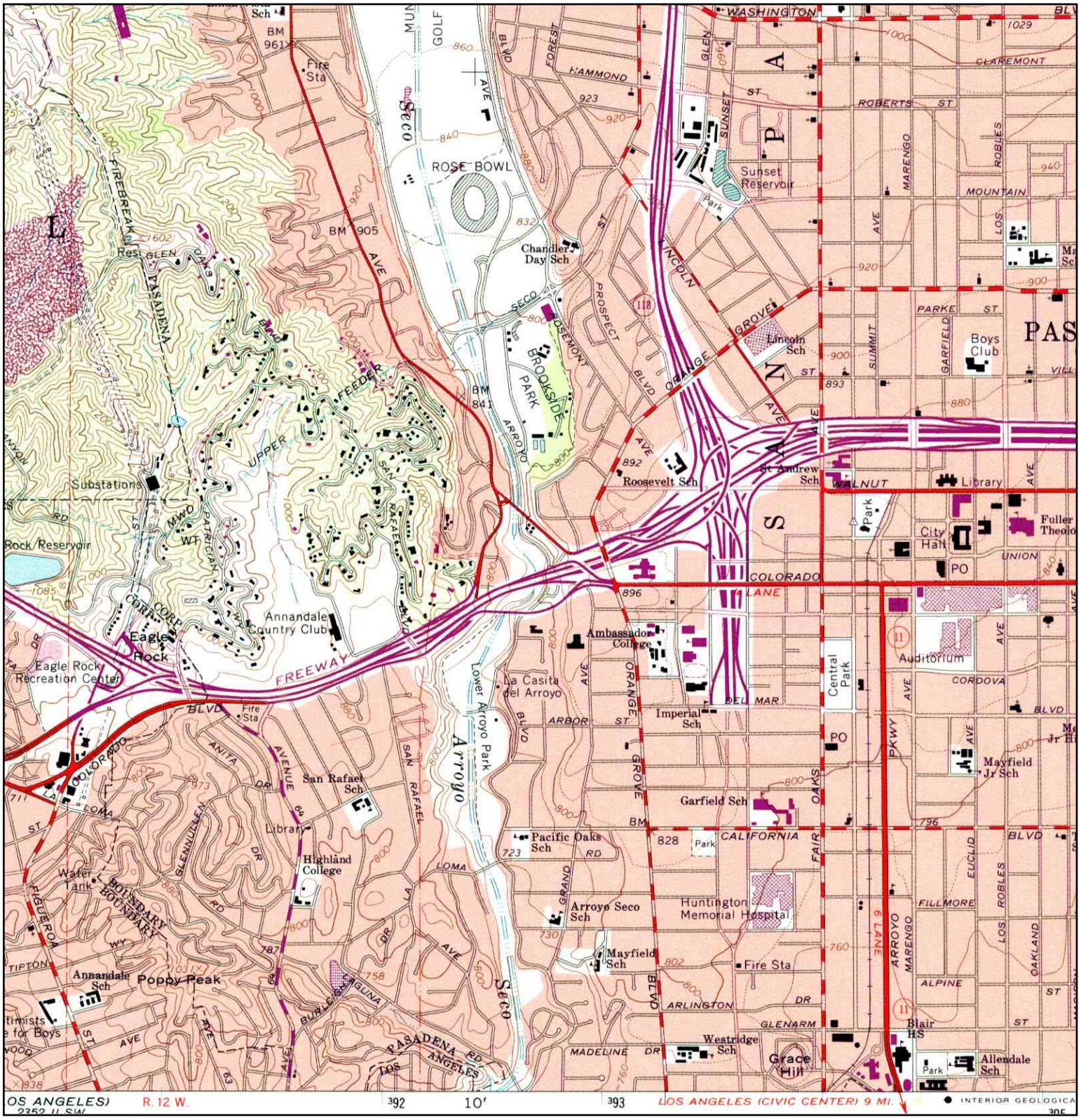
Historical Topographic Map



N	TARGET QUAD NAME: PASADENA MAP YEAR: 1972 PHOTOREVISED: 1966 SERIES: 7.5 SCALE: 1:24000	SITE NAME: DESIDERIO HALL ADDRESS: 659 Westminster Dr Pasadena, CA 91105 LAT/LONG: 34.1435 / 118.1649	CLIENT: FMSM Engineers CONTACT: Robert Newman INQUIRY#: 1751453.1 RESEARCH DATE: 09/08/2006

USARG

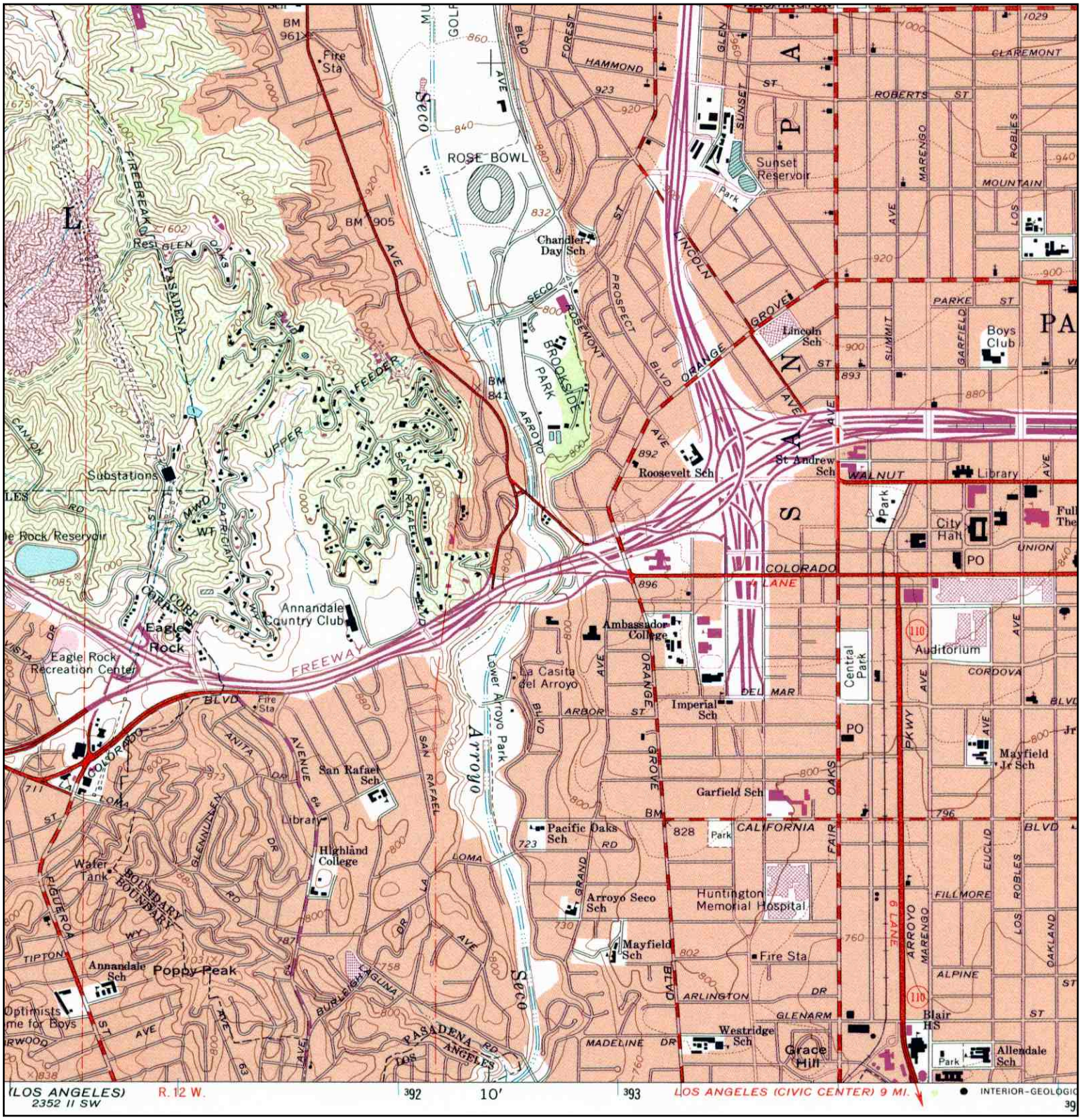
Historical Topographic Map



N	TARGET QUAD NAME: PASADENA MAP YEAR: 1988 PHOTOREVISED: 1966 SERIES: 7.5 SCALE: 1:24000	SITE NAME: DESIDERIO HALL ADDRESS: 659 Westminster Dr Pasadena, CA 91105 LAT/LONG: 34.1435 / 118.1649	CLIENT: FMSM Engineers CONTACT: Robert Newman INQUIRY#: 1751453.1 RESEARCH DATE: 09/08/2006

USARG

Historical Topographic Map



N	TARGET QUAD NAME: PASADENA MAP YEAR: 1994 REVISED: 1966 SERIES: 7.5 SCALE: 1:24000	SITE NAME: DESIDERIO HALL ADDRESS: 959 Westminster Dr Pasadena, CA 91105 LAT/LONG: 34.1435 / 118.1649	CLIENT: FMSM Engineers CONTACT: Robert Newman INQUIRY#: 1751453.1 RESEARCH DATE: 09/08/2006

USARG

Fuller Mossbarger Scott & May ENGINEERS

1901
Nelson Miller Parkway
Louisville, Kentucky
40223-2177

502-212-5000
502-212-5055 FAX

www.fmsm.com

August 15, 2006

O.1.1.LV2006038L02

Los Angeles Regional Water Quality Control Board
ATTN: File Review Request
320 West 4th Street
Suite 200
Los Angeles, California 90013-2343

2006 AUG 17 PM 1:39
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

Re: Request for File Review
Phase I Environmental Site Assessment
Long Beach and Pasadena, CA

Dear File Review:

We are conducting a Phase I Environmental Site Assessment and would like to check on any files which may be available for the following sites. The sites and addresses are listed below:

Desiderio Hall USARC, 655 Westminster Drive, Pasadena CA 91105 NR
Schroeder Hall USARC, 3800 Willow Street, Long Beach CA 90806

I am requesting that you review your environmental records and advise if you have any file information regarding the subject site. Please indicate below whether such records exist and return this letter via fax to (502) 292-6995 or call me at (502) 212-5006. Thank you for your assistance.

Sincerely,

FULLER, MOSSBARGER, SCOTT, AND MAY
ENGINEERS, INC.

Robert Newman

/cdm

X No, we have no environmental records for the sites listed.

____ Yes, we have information on file for the sites listed.

Jeff Wisler
(213)576-6749
SLIC File Custodian

AUG-28-2006 14:44 CRWQCB LOS ANGELES REGION 213 576 6640 P.01

Fuller Mossbarger Scott & May
FMSM ENGINEERS

1901
Nelson Miller Parkway
Louisville, Kentucky
40223-2177

502-212-5000
502-212-5055 FAX

www.fmsm.com

SLIC H

August 15, 2006

O.1.1.LV2006038L02

Los Angeles Regional Water Quality Control Board
ATTN: File Review Request
320 West 4th Street
Suite 200
Los Angeles, California 90013-2343

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Phase I Environmental Site Assessment
Long Beach and Pasadena, CA

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- Desiderio Hall USARC, 655 Westminster Drive, Pasadena CA 91105 /MR
  Schroeder Hall USARC, 3800 Willow Street, Long Beach CA 90806

I am requesting that you review your environmental records and advise if you have any file information regarding the subject site. Please indicate below whether such records exist and return this letter via fax to (502) 292-6995 or call me at (502) 212-5006. Thank you for your assistance.

Sincerely,

FULLER, MOSSBARGER, SCOTT, AND MAY
ENGINEERS, INC.

Robert Newman

/cdm

X No, we have no environmental records for the sites listed.

_____ Yes, we have information on file for the sites listed.

Jeff Wissler
(213)576-6749
SLIC File Custodian

LINDA S. ADAMS
SECRETARY FOR
ENVIRONMENTAL PROTECTION

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

ARNOLD SCHWARZENEGGER
GOVERNOR

1001 I STREET, SACRAMENTO, CALIFORNIA 95814 • P.O. BOX 4025, SACRAMENTO, CALIFORNIA 95812-4025
(916) 341-6000 • WWW.CIWMB.CA.GOV

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(916) 341-6035

PAT WIGGINS
PWIGGINS@CIWMB.CA.GOV
(916) 341-6010

By facsimile to 502/212-5055

August 24, 2006

Robert Newman
Fuller Mossbarger Scott & May
1901 Nelson Miller Parkway
Louisville, Kentucky 40223-2177

RE: DESIDERIO HALL USARC, 655 WESTMINSTER DR., PASADENA, CA 91105
SCHROEDER HALL USARC, 3800 WILLOW ST., LONG BEACH, CA 90806.
O.1.1.LV2006038L03. COUNTY OF LOS ANGELES

Dear Mr. Newman:

This letter replies to your California Public Records Act request for information regarding the sites or entities listed above. The California Integrated Waste Management Board (CIWMB) regulates nonhazardous (solid) waste facilities. The CIWMB did not begin collecting data on landfills until mid-1974 and did not actually begin regulating landfills until 1977 or 1978 therefore we may not have all historical information on any given site. The CIWMB maintains records on solid waste facilities in discrete facility permit files. We have checked the listings by address and appear to have no records regarding the above. However, not all sites are entered by address, some may be identified by Assessor's Parcel Number (APN) or other location data as provided to the CIWMB by the Local Enforcement Agency (LEA). Additionally, we have no system in place to determine which properties are "adjacent" to the addresses you have provided.

You may wish to contact the Local Enforcement Agencies for those cities and/or counties indicated above: County of Los Angeles, Department of Health Services, 313 N. Figueroa Street, Los Angeles, CA 90012.

Sincerely,

Dona Sturgess
Senior Legal Analyst
916/341-6066
916/341-6082 Fax
dsturges@ciwmb.ca.gov

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South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

Information Management
Public Records Unit

Direct Dial (909) 396-3700
Fax:(909) 396-3330

COMPLETION LETTER

August 24, 2006

GORDON SAYLER
FMSM ENGINEERS
1901 NELSON MILLER PKY.
LOUISVILLE, KY 40223

Ref.: CONTROL NO. 51053
Received 8/23/2006

Re: P/O'S, NOV'S & HRA FOR DESIDERIO HALL USARC, 655 WESTMINSTER DR., PASADENA, CA.

After a thorough search of this agency's records:

NO REQUESTED RECORDS WERE FOUND FOR THE ABOVE-REFERENCED FACILITY OR FACILITY SITE.

If you have any questions, please do not hesitate to contact me, Tuesday through Friday, **8:00 a.m.** to **4:30 p.m.**

Sincerely,

COLLEEN PAINE x2594
For Linda L Koenig
Public Records Coordinator

:cp