

## **Appendix F1: Phase I Environmental Site Assessment**

## Appendices

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**PHASE I ENVIRONMENTAL  
SITE ASSESSMENT**

**La Puerta School  
2475 North Forbes Avenue  
Claremont, California**

**For:**

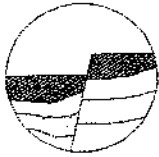
**Claremont Unified School District  
2080 North Mountain Avenue  
Claremont, California 91711**

**By:**

**Environmental Geoscience Services  
909 Electric Avenue, Suite 312  
Seal Beach, California 90740**

**AUGUST 2002**

**VOLUME 1 OF 2**



## ENVIRONMENTAL GEOSCIENCE SERVICES

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August 16, 2002

Claremont Unified School District  
Attn: Ralph Patterson  
Assistant Superintendent, Business Services  
2080 North Mountain Avenue  
Claremont, California 91711-2697

Subject: **PHASE I ENVIRONMENTAL SITE ASSESSMENT**  
La Puerta School Site  
2475 Forbes Avenue  
Claremont, California


Dear Mr. Patterson:


Environmental Geoscience Services (EGS) is pleased to present this Phase I Environmental Site Assessment Report for the La Puerta School site located at 2475 Forbes Avenue, Claremont, California. The assessment services were performed in accordance with the EGS proposal dated May 16, 2002, which was authorized by you on May 28, 2002.

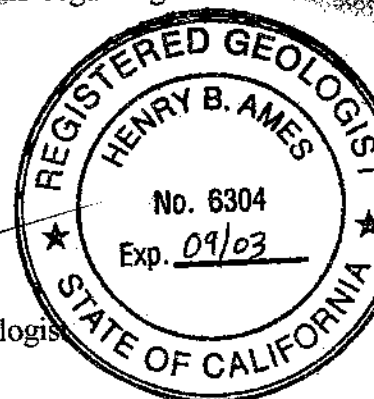
Based on the available information reviewed, there is one recognized environmental condition associated with the Site. This condition is related to the historic agricultural land use. Given that the undeveloped portion of the Site is to be developed as an elementary school a sampling and analysis plan will need to be developed to identify if residual agricultural chemicals are present in the near surface soils.

We appreciate the opportunity to be of service to you for this assessment and look forward to working with you again in the future. If you have any questions or comments regarding this report, please call at your convenience.

Sincerely,  
**ENVIRONMENTAL GEOSCIENCE SERVICES**

  
Andrew Drummond  
Project Hydrogeologist

  
Henry Ames  
CA Registered Geologist





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## EXECUTIVE SUMMARY

Environmental Geoscience Services (EGS) has completed a Phase I Environmental Site Assessment (ESA) of the La Puerta School located at 2475 Forbes Avenue in Claremont, California (herein referred to as the "Site"). Assessment activities were performed in accordance with the American Society for Testing and Materials (ASTM) *Standard Practice for ESAs: Phase I Environmental Site Assessment Process* (ASTM E1527-00). This ESA also complied with requirements presented in the State of California Education Code, Sections 17210(g) and 17213.1.

Two new laws (Assembly Bill AB387 and Senate Bill SB162) provide a comprehensive program to ensure that hazardous material contamination issues are adequately addressed prior to school development. Under these laws the California Environmental Protection Agency, Department of Toxic Substances Control, School Property Evaluation and Cleanup Division (DTSC) has the authority to be involved in the environmental review process for the proposed acquisition and/or construction of school properties utilizing state funding. In order to comply with these laws, this report should be submitted to the DTSC for their review prior to initiating any additional work at this site.

The purpose of this ESA was to assess whether there has been, or may have been a release of hazardous materials or the presence of naturally occurring hazardous materials onsite or offsite that could adversely impact the site.

A summary of the key findings of this assessment is as follows:

- The Site encompasses an area of approximately 9.7 acres that includes three (3) main structures, two (2) of which are single story brick buildings and the third is a one-story wooden bungalow (temporary structure). In addition there is a block walled enclosure, which houses electrical equipment and four (4) transformers. The remaining portion of the site includes a large area of undeveloped land. Prior to 1967, the Site was used for agricultural purposes.

- The existing structures were developed in approximately 1968 and asbestos containing building materials have been documented within the two 1-story brick buildings, identified as the administrative/classroom building and the locker room building. The samples that tested positive for asbestos included samples of 9x9 floor tile within classroom #2 of the administration/classroom building (45 square feet), the insulation associated with the water heater in the attic (attic in the administration/classroom building), and two different insulation materials within the boiler room (locker room building). According to the Claremont Unified School District architect, Adolph Ziemba, of Adolph Ziemba, AIA & Associates, Inc. the locker room building will be demolished and the administrative/classroom building will be extensively renovated. EGS recommends that the existing asbestos containing building materials will need to be abated prior to any demolition and or remodeling work at the site. It should be noted that there was no reference in the supplied reports that indicated that roofing samples from either of the buildings were tested for the presence of asbestos. Therefore, unless other asbestos reports are available, the roofing materials from both buildings should be tested for the presence of asbestos prior to any demolition and or remodeling work at the site.
- No information was provided or discovered concerning previous lead-based paint inspections within the site structures. According to the Claremont Unified School District architect, Adolph Ziemba, of Adolph Ziemba, AIA & Associates, Inc. the locker room building will be demolished and the administrative/classroom building will be extensively renovated. Therefore EGS recommends that a lead based paint survey be conducted to document if lead-based paint is present prior to any demolition and or remodeling work at the site.
- The adjoining properties are developed with residential structures and/or open recreational areas. Prior to 1968 the adjoining properties were used for agricultural purposes.
- Based on the reviewed historical information there is one recognized environmental condition associated with the Site, which is related to the previous agricultural land use. Given that the undeveloped portion of the Site is to be developed as an elementary school, EGS recommends that a sampling and analysis plan be developed and implemented to characterize the near surface soils for the presence of residual agricultural chemicals, if any.

## 1.0 INTRODUCTION

Environmental Geoscience Services (EGS) has completed a Phase I Environmental Site Assessment (ESA) of the La Puerta School property, located at 2475 North Forbes Avenue in Claremont, California. For site vicinity, see Site Location Map (Figure 1) included in **Appendix A**. Assessment activities were performed in accordance with American Society for Testing and Materials (ASTM) *Standard Practice for ESAs: Phase I Environmental Site Assessment Process* (ASTM E1527-00). In addition, EGS complied with the requirements for a Phase I – ESA as presented in the State of California Education Code, Sections 17210(g) and 17213.1. The assessment services were performed in accordance with the EGS proposal dated May 16, 2002, which was authorized by Ralph Patterson of the Claremont Unified School District on May 28, 2002.

The primary purpose of this assessment was to identify documented and potential chemical impacts on the Site from on-site or off-site sources. In accordance with the above-referenced agreement, EGS performed a reconnaissance of the Site and structures, noted use of adjacent sites, and conducted a search of readily available historical and regulatory records.

The scope of services included the following:

- Reconnaissance of the Site for physical indications of possible usage, storage, spillage, or dumping of hazardous, toxic, or petroleum substances onsite and, when possible, on contiguous sites. Stressed vegetation, suspect excavation, transformers, and surface expressions of underground storage tanks (USTs) were addressed. Where appropriate, observation and categorization of the adjacent sites as potential off-site sources of impact were provided. Readily available resources consisting of geologic maps, site maps, United States Geological Survey (USGS) topographic maps, and regulatory records were reviewed.
- Review of available aerial photographs taken at various dates to document the sequence of major developments or changes in the land usage in the proximity of the Site.
- Brief descriptions of the soil, watershed, topography, geology, and groundwater systems at the Site, which were based on visual observations and literature review.
- Examination of the Site for topographical features and soil types indicative of wetlands.

- Limited, visual assessment of readily-accessible areas of the Site structures for suspect asbestos-containing materials (ACMs); Analytical verification of suspect ACMs was outside this scope of work.
- Limited assessment of readily-accessible areas adjacent to the Site for occurrence of naturally occurring asbestos.
- Limited, non-destructive assessment (visual and literature review) of readily accessible areas of the Site structures for suspect lead-based paint. Analytical verification of suspect lead-based paints was outside this scope of work.
- Review of available city directories (or similar publications) and Sanborn Fire Insurance Maps, as available, to identify past owners. Environmental Data Resources, Inc. (EDR) indicated that no such records were available for the Site.
- Interviews of school district managers for recollections of past ownership or activities suggesting potential environmental concern.
- Visual assessment and categorization of the use of adjacent properties to evaluate potential off-site sources of chemical impact to the Site.
- Review of available facility licenses, permits, inspection records, emergency plans, and regulatory-mandated compliance programs as applicable to facility operation, health, and the environment.
- Contact with various regulatory agencies and the local sewer/wastewater treatment district to obtain relevant historical information regarding the Site and surrounding parcels.
- A review of federal and state records through a commercial database report provided by Environmental Data Resources, Inc. (EDR).

## 2.0 PHYSICAL SITE DESCRIPTION

The subject property is a square shaped parcel of land, which encompasses an area of approximately 9.7 acres and is located in a residential neighborhood of Claremont, CA, which is located in the foothills of the San Gabriel Mountains (Township 1 North, Range 8 West, Section 33). The Site Plan is presented as Figure 2, included in **Appendix A**.

### 2.1 GENERAL SITE CONDITIONS

Andrew Drummond and Henry Ames of Environmental Geoscience Services performed a Site reconnaissance on June 12, 2002. Mr. Terryl Noreem of the Claremont Unified School District escorted the EGS personnel during the site reconnaissance. The qualifications of the inspectors are presented in **Appendix B**. The purpose of the reconnaissance was to observe any evidence of hazardous, toxic, and/or petroleum substances stored, contained, used, discharged, or spilled on the Site.

The subject property is a square shaped parcel of land, which encompasses an area of approximately 9.7 acres. The Site is owned by the Claremont Unified School District and is currently utilized as an adult school. The property includes three main areas; (a) parking lot area; (b) school and office building area; and (c) undeveloped area. The Site Plan is presented as Figure 2, included in **Appendix A**.

At the time of the site reconnaissance the weather was clear and sunny with an ambient air temperature in the mid 70s° Fahrenheit. The site reconnaissance consisted of a walk-through of the Site's structures; a traverse and perimeter walk through of the Site's grounds, and visual observations of the adjacent properties. Copies of selected Site photographs are included in **Appendix C**, Photographic Summary.

#### 2.1.1 Parking Lot Area

The parking lot is "L" shaped with the main stem running east to west along the northern boundary of the Site, with the perpendicular portion of the "L" running south near the western boundary of the Site. The parking lot is asphalt paved and appears to be in good condition.

There was no visual evidence of staining, distressed vegetation or obvious environmental impairment in this area.

### 2.1.2 School and Office Building Area

The school and office building area consists of three (3) main structures, two (2) are single story brick buildings and the third is a one-story wooden bungalow (temporary structure). In addition there is a block walled enclosure, which houses electrical equipment and four (4) transformers.

The administration and classroom building is the main structure on the property, which is approximately 11,704 square feet in size. The one-story cinder block walled building was reportedly constructed in 1968 and contains nine classrooms, an office area, kitchen, supply and workroom, and a restroom.

The second one-story cinder block building was formally used as a boys and girls shower and locker rooms and is approximately 3,270 square feet. This building was also reportedly constructed in 1968 and is currently used for storage for classroom supplies, cardboard boxes, classroom tables, miscellaneous paper and teaching aids, children's toys, and a janitorial space. The janitorial space contained an unused walk-in refrigerator that is being used to store numerous cardboard boxes of cleaning supplies, which included floor stripper, glass cleaner, hand soap, carpet cleaners, and chewing gum remover. A boiler room is located at the rear of the building. An asbestos warning label was located on a heavy metal door leading into the boiler room. Upon visual inspection of the boiler room additional asbestos warning labels were noted on the insulation material (lagging) covering the boiler and piping.

A third building inspected during the site walk was a wooden bungalow (temporary structure). The bungalow is approximately 1,000 square feet and was constructed in April 1990. This building contains a single classroom and is used for childcare. To the north of this structure is a fenced playground.

A small block walled enclosure is located between the other structures and contains electrical equipment for the Site. There are two rooms within this small structure; one contains electrical circuitry and the other contains four (4) electrical transformers. No staining was visible on the transformers or on the ground around the transformers. EGS contacted Southern California Edison (SCE) to inquire about recent maintenance to the transformers. According to SCE that information concerning maintenance to transformers was unavailable. EGS also inquired about the use of PCB in transformers, SCE replied that all of their transformers were changed from PCB in 1977.

There was no visual evidence of unusual staining, distressed vegetation or obvious environmental impairment in the area.



### 2.1.3 Undeveloped Area

An area located south of the buildings is an undeveloped area. This portion of the property is bounded by Forbes Avenue to the east and chain-link fencing to the north, south, and west. EGS walked the perimeter and traversed the interior of this area for any visual signs environmental impact that may have occurred from illegal dumping.

There was no visual evidence of staining, distressed vegetation or obvious environmental impairment to this area.

It does not appear that imported fill materials have been used at the site; therefore, fill material does not appear to be a concern for the subject site. The Site is not level and appears to have been rough graded for erosion control. During the site reconnaissance no waterways, wetlands, pits, ponds, or lagoons, were seen to currently exist on the subject site or the adjacent properties. The direction and destination of storm water discharge do not appear to be sources of environmental concern to the subject site.

## 2.2 EARTH SYSTEMS

### 2.2.1 Topography

With reference to the USGS Mount Baldy, CA Quadrangle, California 7.5 Minute Topographic Map," the Site is located at the base of the San Gabriel Mountains at an elevation of about 1,480 feet above mean sea level (MSL). The land slopes toward the southwest with an elevation change of approximately of 40 feet every 1,000 feet.

### 2.2.2 Watershed

The regional watershed is defined on the Topographic Map. Surface water runoff from the Site flows to the southwest. Thompson Canal Creek is located approximately 1,300 feet north-northwest of the Site and flows southwest, with Thompson Creek Dam located approximately 1 mile northeast of the Site. San Antonio Dam is located approximately 3 miles to the northeast with a spillway elevation of 2,238 feet.

### 2.2.3 Groundwater

No site specific information concerning the depth to groundwater or groundwater flow direction was available. Given the location of the Site in the foothills of the San Gabriel Mountains it is likely that groundwater flows to the south.

### 2.2.4 Geology

The Site is located in the Transverse Range Province of California, on the southern boundary of the San Gabriel Mountains. Based on a review of the Geologic Map of the San Bernardino Quadrangle, dated 1986, revised, 1998, the subject property is located within younger fanglomerate deposits of Holocene age. Fanglomerates are typically heterogeneous materials that were originally deposited in an alluvial fan.

### 2.2.5 Soil

According to the U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) data, the soils underlying the Site are described as sandy loam in the surficial and shallow soil layers. This information was presented in the EDR database report.

### 2.2.6 Wetlands

Based on soil information, the topographic map, and site reconnaissance, no evidence was found that the Site is situated in a wetland area.

## 2.3 ASBESTOS-CONTAINING MATERIALS (ACM)

An asbestos survey was not included in the scope of this ESA. However, a boiler room is located at the rear of locker room building. An asbestos warning label was located on a heavy metal door leading into the boiler room to warn persons entering the room that there are asbestos containing materials within the room. Upon visual inspection of the interior of the room, additional asbestos warning labels were noted on the lagging (insulation) associated with the boiler and piping. For additional information concerning asbestos surveys that have been conducted at the site, see Section 4.5, Client Supplied Documents.

## 2.4 NATURALLY OCCURRING ASBESTOS

No naturally occurring asbestos bearing minerals exist within a one-mile radius of the Site.

## 2.5 MINES

Based on a review of available USGS maps, no mines were identified within a one-mile radius of the Site.

## 2.6 STORAGE TANKS

### 2.6.1 Underground Storage Tanks (USTs)

No USTs are currently registered or in use on the Site. There were also no visual indications of USTs (e.g., vent pipes, fill ports, fueling islands, etc.). Based on the records reviewed, there is no evidence of previously existing USTs at the site.

### 2.6.2 Aboveground Storage Tanks (ASTs)

No ASTs were noted during the site reconnaissance. Based on the records reviewed, one AST was associated with the Site. Given the previous land use of the Site and surrounding area, the AST was likely used for water storage and therefore would not be a concern.

## 2.7 POLYCHLORINATED BIPHENYLS (PCBS)

Polychlorinated Biphenyls (PCBs) are toxic additives to coolants or lubricating oils used in some electrical transformers, light ballasts, electrical panels, or other similar equipment. PCB content in electrical transformers has been grouped into three categories by the USEPA:

< 50 parts per million (ppm)	NON-PCB
50 to 499 ppm	PCB-contaminated
500 ppm and greater	PCB transformer

Utility companies often own transformer equipment and typically assume the responsibility for repair or replacement of damaged or leaking units and for required cleanup or remediation activities. Indications of damage or leakage should be immediately reported to the responsible utility company.

During the site reconnaissance (see Section 2.1), EGS conducted a visual survey of the subject site for potential PCB-containing transformers, related equipment, drums, and storage containers. Four pad-mounted electric transformers, owned by Southern California Edison, were observed within a brick enclosure on the subject property. The transformers appeared to be in good condition. The transformers bore no labels indicating PCB content or previous testing. No signs of leakage were noted on the transformer, or on the concrete surface at the base of the transformers. According to SCE all PCB transformers were changed out in 1977.

No other equipment potentially containing PCB-contaminated fluids was observed during the field reconnaissance.

## **2.8 UTILITIES**

Southern California Edison provides electric service to the property. The date of connection was not determined. An emergency generator does not exist on the subject property.

Southern California Gas Company supplies natural gas to the site. The date of connection was not determined.

## **2.9 LEAD-BASED PAINT**

A lead base paint (LBP) sampling survey was not included in the scope for this ESA. The buildings were constructed in approximately 1968. Since the manufacturing of lead based paint was stopped in 1980, lead based paint may have been used on the Site structures.

## **2.10 WASTE MANAGEMENT AND CHEMICALS HANDLING**

Industrial waste and chemicals are not handled or produced at this facility. Trash collection is handled by the City of Claremont.

### 3.0 ADJACENT LAND USE

At the time of our site reconnaissance, the adjacent properties to the north, south, and east were developed with residential structures. The western adjacent property was an open park area developed with baseball fields and other recreational land use. There are no structures on the portion of the western adjacent property that was immediately contiguous to the Site.

No features associated with USTs, ASTs, pits, ponds, lagoons, or sumps were observed on the adjacent properties.

The previous land use of the adjoining properties was either undeveloped land or agricultural land as early as 1928. After 1968 and before 1976 residences were developed to the east and south of the Site. By 1989 the adjoining properties were developed with the present day land use.

Based on the information reviewed, there are no existing or previously existing environmental concerns associated with the adjacent properties.

## 4.0 SITE HISTORY AND RECORDS REVIEW

Past land uses were assessed to identify historical practices or conditions, which may have impacted the subject site. This included interviews with site representatives and local regulatory official, and a review of available city directories, aerial photographs, and regulatory records.

### 4.1 OWNER INTERVIEW

Mr. John Kettle, Director of Maintenance, Operations, and Transportation for the Claremont Unified School District completed an Environmental Risk Disclosure Questionnaire (**Appendix D**). According to Mr. Kettle, he is not aware of any existing or previously existing above or below ground storage tanks. He is not aware of any present or past storage or use of hazardous waste or other chemicals at the Site. He also responded that he is not aware of any existing or past environmental site assessment reports prepared for the Site.

According to Mr. Kettle, the Claremont Unified School District has subleased the property to two tenants, which include the Montessori Academy of Claremont and the Central Baptist Church.

### 4.2 FIRE INSURANCE MAPS

Based on a search conducted by Environmental Data Resources, Inc. (EDR) of their collection of Sanborn Fire Insurance Maps, no maps were identified which provided coverage of the Site and surrounding properties.

### 4.3 AERIAL PHOTOGRAPHY

Aerial coverage for the subject property was obtained from Environmental Data Resources, Inc. (EDR). Copies of the aerial photographs reviewed are located in **Appendix E**. The following contains descriptions of the reasonably ascertainable aerial photographs and topographic maps that were reviewed. Any environmentally relevant features or items of environmental concern that were observed in these aerial photographs and topographic maps are noted.

### **1928 Aerial Photograph**

The Site and all adjoining properties are developed with agricultural land use (possibly citrus trees). No structure, tanks, or wells are visible on the subject site or on the adjoining properties.

### **1949 Aerial Photograph**

The Site is developed with an agricultural land use and appears to be citrus trees. A large above ground storage tank is visible in the extreme northeast corner of the Site. Based on the scale of the aerial photograph (1" = 750') the tank was measured to be approximately 60 to 70 feet in diameter. The height of the tank could not be estimated. No other structures are visible on the subject site. Two small above ground storage tanks are visible on the adjacent property to the northeast of the site. The content of these tanks is unknown, but it is likely that they were used to store water for irrigation purposes. The northern, eastern, southern, and western adjacent properties are used for agricultural purposes, possibly citrus trees. There are no structures visible on the adjacent properties, except for a small residence on the eastern adjacent property, near the northeast corner of the Site.

### **1952 Aerial Photograph**

No changes from the 1949 aerial photograph. Based on the scale of the aerial photograph (1" = 555') the tank was measured to be approximately 60 to 70 feet in diameter. The height of the tank could not be estimated.

### **1968 Aerial Photograph**

The Site is mostly vacant, undeveloped land. No structures are visible on the subject site. The above ground storage tank that was located in the northeast corner of the site (as described in the previous aerial photographs) is not visible. A circular dark area is visible in the location of the former tank but since a shadow is not visible, it is assumed that the tank has been removed. There is a diagonal row of trees that extends from the northeastern corner of the Site to the southwestern corner. The trees are likely the remaining citrus trees that had not yet been cleared from the Site. The northern and eastern adjacent properties are used for agricultural purposes, and may be citrus trees. Two small above ground storage tanks are visible to the northeast of the site. The content of these tanks is unknown, but it is likely that they contain water for irrigation purposes. One small residential structure is visible on the eastern adjacent property, near the

northeast corner of the Site. The southern and western adjacent properties are vacant undeveloped fields.

### **1976 Aerial Photograph**

The Site is developed with the eastern present-day structure and parking area in the northeastern portion of the site. The present-day structures to the west of the main building are not visible. The remaining portions of the Site (to the south and west of the structure) are undeveloped graded land. Most of the undeveloped area appears as light colored soil except for an area in the southwest corner of the Site, which extends offsite to the west, which is darker in color. The darker area may be an area of agricultural land use. The northern adjacent property is used for agricultural purposes, possibly citrus trees. There are no structures visible on the northern adjacent property. The eastern adjacent property is mostly vacant land and there is one small structure visible near the northeast corner of the Site. The small structure is likely a residence. The southern adjacent property is developed with the present-day residences. The western adjacent property is a vacant undeveloped field.

### **1989 Aerial Photograph**

The Site is developed with the present-day structures and parking lot. The southern portion of the site is vacant and graded land. The northern, eastern, and southern adjacent properties are developed with residential structures. The western adjacent property is an open field and appears to be a park. There are no structures on the western adjacent property.

### **1994 Aerial Photograph**

No changes from the 1989 aerial photograph

### **1995 Topographic Map (USGS Topo Map, Mount Baldy, CA, 7.5 min. series)**

The present-day structures are depicted on the subject site. In addition there is a tank located in the northeast corner of the site. The northern, eastern, and southern adjacent properties are developed with residential land use. Two small tanks are depicted on the adjacent property to the northeast of the Site. There are no wells depicted on the subject site or on the adjoining properties. The site is located at an elevation of approximately 1,480 feet above mean sea level in an area that slopes down to the southwest.



Based on our review of aerial photographs, the main present-day structure was developed after 1968 and before 1976. Prior to the Site development as a school, the property was used for agricultural purposes. An above ground storage tank was visible in the northeast corner of the site (1949 and 1952 aerials). The tank was not visible in the 1968 aerial photograph. Based on the scale of the aerial photographs the tank was measured to be approximately 60 to 70 feet in diameter. The height of the tank could not be estimated. Given the previous land use of the Site and surrounding area, the AST was likely used for water storage and therefore would not be a concern. Based on the previous agricultural land use, the presence of residual agricultural chemicals is suspected, and if present, may pose a threat to human health and the environment.


#### 4.4 REGULATORY RECORDS QUERY

The EGS review of the computer-generated, one-mile radius regulatory database search document (map and summary are included in **Appendix F**) found the subject site is not a regulatory-listed site. In addition, there are no sites within ½ mile that are listed on either a federal or state superfund list (that is, listed sites of which there may have been a release of hazardous substances of sufficient magnitude to constitute a regional threat or to have impacted the subject site).

Unless RCRA large- and small-quantity generator sites and sites with registered above or underground storage tanks have also been identified in certain other databases, these are not considered to be sites that are known or suspected hazardous waste release sites, and thereby do not pose an immediate concern to the subject site. These sites are listed in the document located in **Appendix F**. Listings of unmapped sites (orphan site) are reviewed to identify the subject site or any sites that are obviously adjacent to the subject property. None of the listed orphan sites appear to present an environmental concern for the subject site.

##### 4.4.1 City of Claremont

EGS visited the City of Claremont Planning Department to inquire about any permits for the subject property. The City of Claremont had on file four (4) permits and five (5) correspondence letters from the Montessori Academy and City of Claremont. The following table summarizes the records reviewed:

	Phase I Environmental Site Assessment La Puerta School 2475 N. Forbes Avenue, Claremont, California	4-419	Claremont Unified School District August 2, 2002
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Applicant	Date	Permit Description
Central Baptist Church	9/26/83	Building permit for one water closet.
Central Baptist Church	10/24/83	Electrical permit for a New Residential Building
Central Baptist Church	10/24/83	Special Conditions and Inspection Record -- for the inspection of two (2) temporary buildings used for the temporary storage of non-combustible materials.
Montessori Academy	9/23/86	Building permit for bathroom addition.
Letter from Montessori Academy to City of Claremont	6/26/85	Letter asking for an extension of a permit for improvements to modular facilities.
Letter from City of Claremont to Montessori Academy	7/5/85	Notification of receipt of letter from Montessori Academy asking for extension and change to permits. Letter also presented course of action for the Academy.
Two public notifications from City of Claremont to local residents.	3/19/87 & 4/1/87	Notifications that the Montessori Academy will be holding their fifth annual Spring Carnival.

For a copy of the reviewed permits (10 pages), see **Appendix G**.

#### 4.4.2 Los Angeles County Fire Department

EGS contacted the Los Angeles County Fire Department (LACFD) concerning inspections of the facility. According to Juan Queva (an inspector with the LACFD) this facility has been inspected annually and the records and reports are not available for public viewing. However, Inspector Queva stated that he personally had conducted the last three annual inspections in October 1999, October 2000, and March 2001 and there were no violations.

#### 4.4.3 California State Fire Marshal's Office

On May 31, 2002, EGS contacted the California State Fire Marshal's office for the purpose of reviewing readily available environmental records pertaining to oil pipelines that may be present under the Site. However, EGS was informed that there are no oil pipelines under the Site.

#### **4.4.4 California State Department of Toxic Substance Control – Glendale Office (DTSC)**

On May 31, 2002, EGS contacted the California State Department of Toxic Substances Control, Emergency Response Unit and File Review Unit for the purpose of reviewing readily available environmental records pertaining to hazardous materials storage and related environmental issues that may be on file with this agency for the subject site. However, EGS was informed that no records for the subject site are on file with this agency. For a copy of the DTSC response (4 pages), see **Appendix G**.

#### **4.4.5 California Regional Water Quality Control Board – Los Angeles Region (RWQCB)**

EGS reviewed available lists obtained from the California Regional Water Quality Control Board – Los Angeles Region's web site concerning listed sites in the immediate vicinity of the site. The lists included the leaking underground storage tank (LUST) list and the Spills, Leaks, and Industrial Cleanup (SLIC) list. The subject site and the immediately adjoining properties were not listed in either of these databases.

#### **4.4.6 Department of Oil and Gas**

EGS reviewed available oil and gas maps obtained from the State of California, Department of Conservation, Division of Oil, Gas, and Geothermal Resources. Specifically EGS reviewed Map W1-2, dated September 29, 2001, which includes the Site and surrounding area. No wells were depicted on the subject site or on the adjacent properties.

#### **4.4.7 South Coast Air Quality Management District**

On May 30, 2002, EGS contacted the South Coast Air Quality Management District (SCAQMD) for the purpose of reviewing readily available environmental records pertaining to Applications (APPLS), Permits to Operate (P/O), Notices of Violation (NOV'S), Notices to Comply (N/C's), Air Monitoring Data, Toxic-Health Risk Assessment (HRA), Complaints, Site Inspection Reports (I/R's), and Asbestos Notification/Records that may be on file with this agency for the subject site. However, EGS was informed that no records for the subject site are on file with this agency. For a copy of the SCAQMD response (3 pages), see **Appendix G**.

#### **4.4.8 Los Angeles County Department of Sanitation**

On May 30, 2002, EGS contacted Suzanne Wienke at the Los Angeles County Sanitation District for the purpose of reviewing readily available environmental records that may be on file with this agency for the subject site. However, EGS was informed that no records for the subject site are on file with this agency.

#### **4.4.9 Chain-of-Title Abstract and/or Review**

At the request of the client, a chain-of-title abstract was not requested or completed for this project.

#### **4.4.10 Other Regulatory Records Searched or Requested**

There are no additional regulatory agencies known to EGS that are likely to have further relevant environmental information pertaining to the subject site.

### **4.5 CLIENT-SUPPLIED ENVIRONMENTAL DOCUMENTS**

In the course of this assessment, EGS was provided with three reports that present information concerning asbestos containing materials associated with the existing structures at the Site. The reports include the following:

- Claremont Unified School District AHERA Survey Report and Management Plan, prepared by Asbestos Management Controls, Inc., dated 1988.
- Claremont Unified School District, La Puerta Adult School, Three-Year AHERA Re-Inspection Report, prepared by ENCORP, dated July 1992.
- Claremont USD Maintenance, Three-Year AHERA Re-Inspection Report, prepared by ENCORP, dated July 2000.

The findings from these reports identified the presence of asbestos at several areas within the two main buildings, which are identified as the administrative/classroom building and the locker room building. The samples that tested positive for asbestos included samples of 9x9 floor tile within classroom #2 of the administration/classroom building (45 square feet), the insulation associated with the water heater in the attic (attic in the administration/classroom building), and two different insulation materials within the boiler room (locker room building).

The findings presented in the Re-Inspection Report dated July 2000 identified that the pipe fittings in the boiler room (locker room building) were damaged. It was recommended that since the material is extremely friable when damaged, it should be removed as soon as feasible to prevent fiber release into adjacent areas. Copies of the July 1992 and July 2000 asbestos reports are included in **Appendix H**.

## 5.0 CONCLUSIONS

Environmental Geoscience Services has completed a Phase I Environmental Site Assessment of the La Puerta School, located at 2475 North Forbes Avenue in Claremont, California.

A summary of the key findings of this assessment is as follows:

- The Site encompasses an area of approximately 9.7 acres that includes three structures and a large area of undeveloped land. The existing structures were developed after 1967. Prior to 1967, the Site was used for agricultural purposes.
- The existing structures were developed in approximately 1968 and asbestos containing building materials have been documented within the existing structures.
- No information was provided or discovered concerning previous lead-based paint inspections within the site structures.
- The adjoining properties are developed with residential structures and/or open recreational areas. Prior to 1968 the adjoining properties were used for agricultural purposes.
- Based on the reviewed historical information there is one recognized environmental condition associated with the Site. Based on aerial photographs reviewed the Site was used for agricultural purposes prior to 1928 until the site was developed as a school in 1968. Based on this previous land use there may be residual agricultural chemicals in the soil that may pose a threat to human health and the environment.

## 6.0 RECOMMENDATIONS

Asbestos containing building materials have been identified within the two site structures. According to the Claremont Unified School District architect, Adolph Ziemba, of Adolph Ziemba, AIA & Associates, Inc. the locker room building will be demolished and the administrative/classroom building will be extensively renovated. Therefore the existing asbestos containing building materials will need to be abated prior to any demolition and or remodeling work at the site. It should be noted that there was no reference in the supplied reports that indicated that roofing materials from either of the buildings were tested for the presence of asbestos. Therefore, unless other asbestos reports are available, the roofing materials from both buildings should be tested for the presence of asbestos prior to any demolition and or remodeling work at the site.

EGS has not been provided with any reports that indicate that a lead-based paint survey has been conducted at the site. According to the Claremont Unified School District architect, Adolph Ziemba, of Adolph Ziemba, AIA & Associates, Inc. the locker room building will be demolished and the administrative/classroom building will be extensively renovated. Therefore EGS recommends that a lead based paint survey be conducted to document if lead-based paint is present prior to any demolition and or remodeling work at the site.

Prior to 1967, the site was used for agricultural purposes. Given that the undeveloped portion of the Site is to be developed as an elementary school, EGS recommends that a sampling and analysis plan be developed and implemented to characterize the near surface soils for the presence of residual agricultural chemicals.

As required by two new laws that became effective on January 1, 2000 (Assembly Bill AB387 and Senate Bill SB162) EGS recommends that this report be submitted to the California Environmental Protection Agency, Department of Toxic Substances Control, School Property Evaluation and Cleanup Division (DTSC). The DTSC will review this report to provide regulatory oversight to ensure that hazardous material contamination issues are adequately addressed prior to school development.

## 7.0 LIMITATIONS

This report has been prepared for the sole and exclusive use of Claremont Unified School District to assist in evaluating potential environmental liabilities associated with the Site. This report may not contain sufficient information for the use of parties other than Claremont Unified School District. Terms and conditions of EGS services to Claremont Unified School District have been established through mutual agreement.

It should be noted that environmental evaluations are inherently limited in the sense that conclusions are drawn and recommendations developed from limited research and site evaluations. For these types of evaluations, it is often necessary to use information prepared by others and EGS cannot be responsible for the accuracy of such information. Additionally, the passage of time may result in a change in the environmental characteristics at this Site and surrounding properties. This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated. This report is not a regulatory compliance audit.

Subsurface conditions were not field investigated, as this was outside the scope of this study, and may differ from the conditions implied by the surficial observations. This study is not intended to assess or otherwise determine if soil contamination, waste emplacement, or groundwater contamination exists. These data are accessible only by subsurface material and groundwater sampling. The scope of work, in accordance with our agreement, did not include these activities.

All reasonable efforts have been made during this assessment to identify the presence of aboveground and underground storage tanks and ancillary equipment. "Reasonable efforts" are limited to information gained from visual observation of largely unobstructed areas, recorded database information held in public record, and available information gathered from interviews. Such methods do not preclude the existence of actual subsurface equipment, which may be hidden from view due to paving, construction, debris pile storage, or incorrect information from sources.



## 8.0 REFERENCES

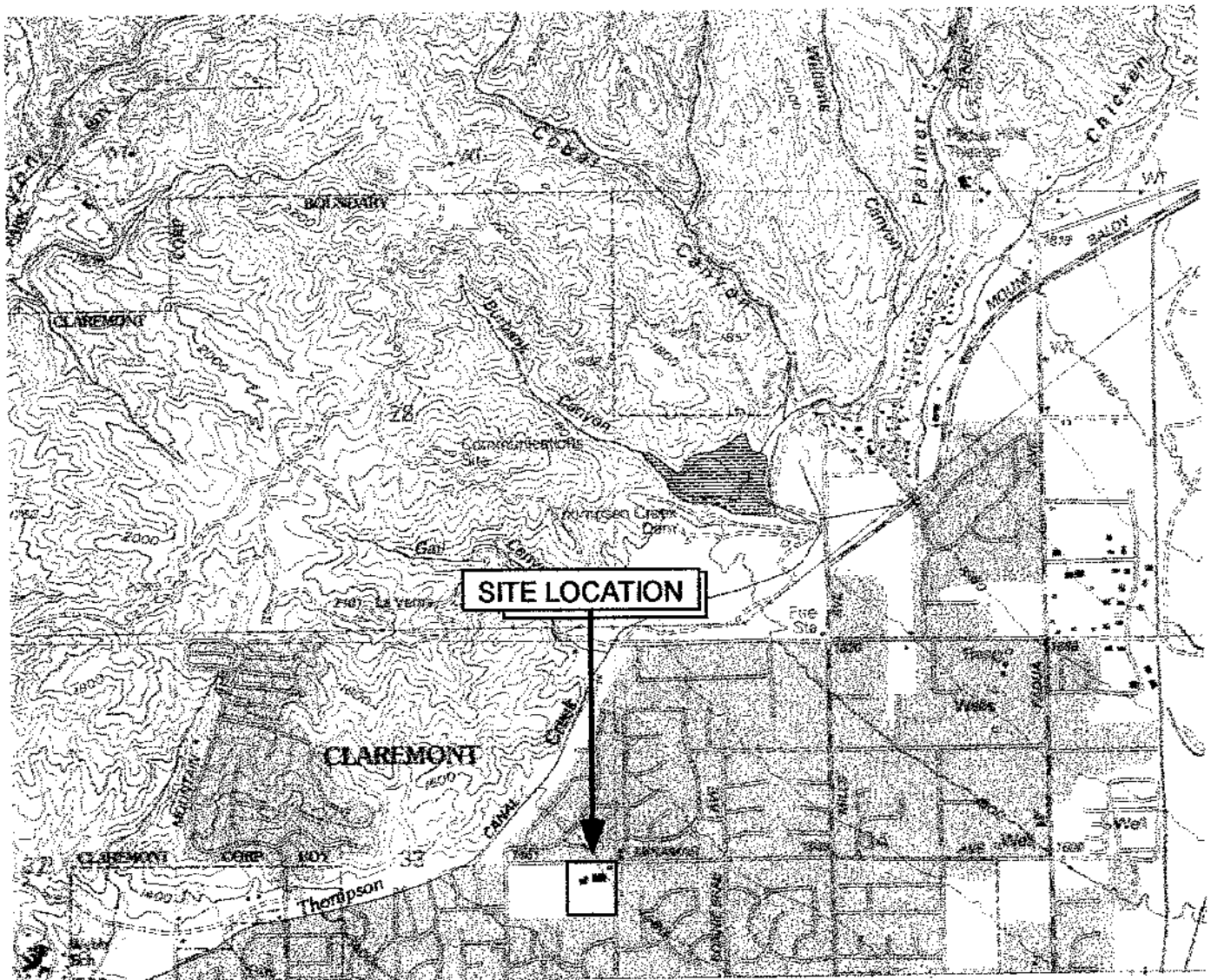
- State of California Department of Conservation, *Geologic Map of Orange County California: Compiled by P.K. Morton and R.V. Miller, Scale 1:48,000, 1981.*
- Environmental Data Resources, Inc. (EDR), *The EDR-Radius Map with GeoCheck™*, Inquiry Number: 792070.4S, dated June 4, 2002.
- Wachtell John K., *Soil Survey of Orange County and Western Part of Riverside County, California*, U.S. Department of Agriculture Soil Conservation Service and Forrester Service, in Cooperation with University of California Agriculture Experiment Station 147 pp., 1978.
- United States Geological Survey (USGS), *7.5 Minute Series, Mount Baldy, California Quadrangle Topographic Map*, 1988 (Revision by the U.S.D.A. Forest Service, 1995).
- Asbestos Management Controls, Inc. *AHERA Survey Report and Management Plan*, prepared for Claremont Unified School District, dated 1988.
- ENCORP, *Three-Year AHERA Re-Inspection Report, La Puerta Adult School*, prepared for Claremont Unified School District, dated July 1992.
- ENCORP, *Three-Year AHERA Re-Inspection Report*, prepared for Claremont USD Maintenance, dated July 2000.



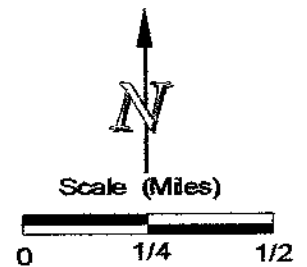
# APPENDIX A

## FIGURES

Figure 1 - Vicinity Map  
Figure 2 - Site Map



REFERENCE: USGS Topographic Map,  
Mount Baldy, CA, 7.5 min. Quad



### SITE LOCATION MAP

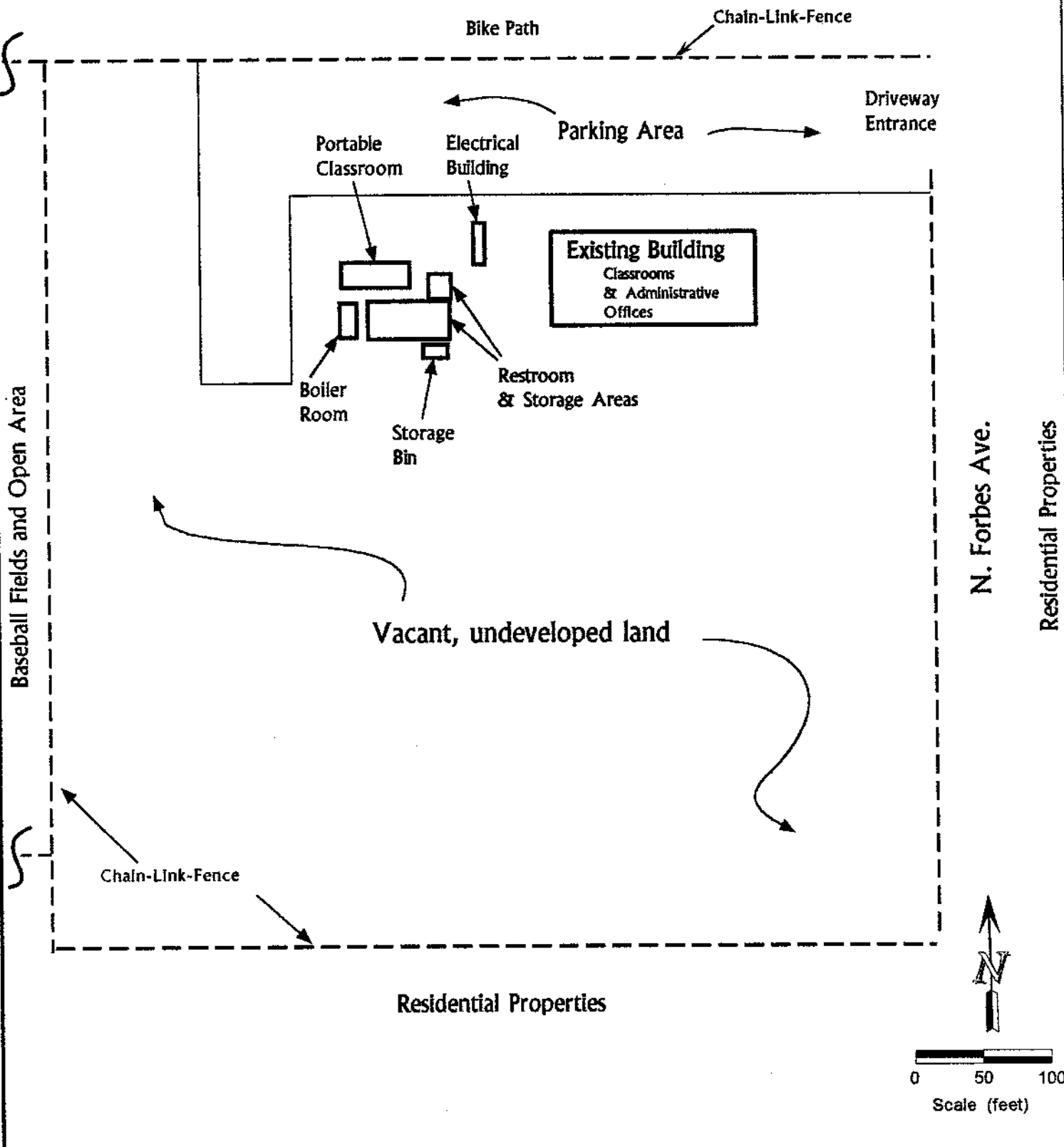
CLIENT: Claremont Unified School District

FIGURE 1

SITE: La Puerta School Site  
2475 N. Forbes Avenue  
Claremont, CA

**ENVIRONMENTAL GEOSCIENCE SERVICES**  
909 Electric Avenue, Suite 312  
Seal Beach, CA 90740  
(562) 280-3481

Residential Properties



Baseball Fields and Open Area

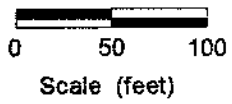
N. Forbes Ave.  
Residential Properties

Vacant, undeveloped land

Residential Properties

Chain-Link-Fence

Chain-Link-Fence



**SITE PLAN**

DATE: June 21, 2002

FIGURE 2

Project Location:  
La Puerta School  
2475 N. Forbes Avenue  
Claremont, California

Client:  
Claremont Unified  
School District



ENVIRONMENTAL GEOSCIENCE SERVICES  
909 Electric Avenue, Suite 312  
Seal Beach, CA 90740  
(562) 280-3481

Drawn By:  
H. Ames

Checked By:  
J. Findl

## APPENDIX B

# QUALIFICATIONS OF INSPECTORS





## ENVIRONMENTAL GEOSCIENCE SERVICES

909 Electric Avenue, Suite 312

Seal Beach, CA 90740

Phone: (562) 280-3481 Fax: (562) 280-3485

### STATEMENT OF QUALIFICATIONS

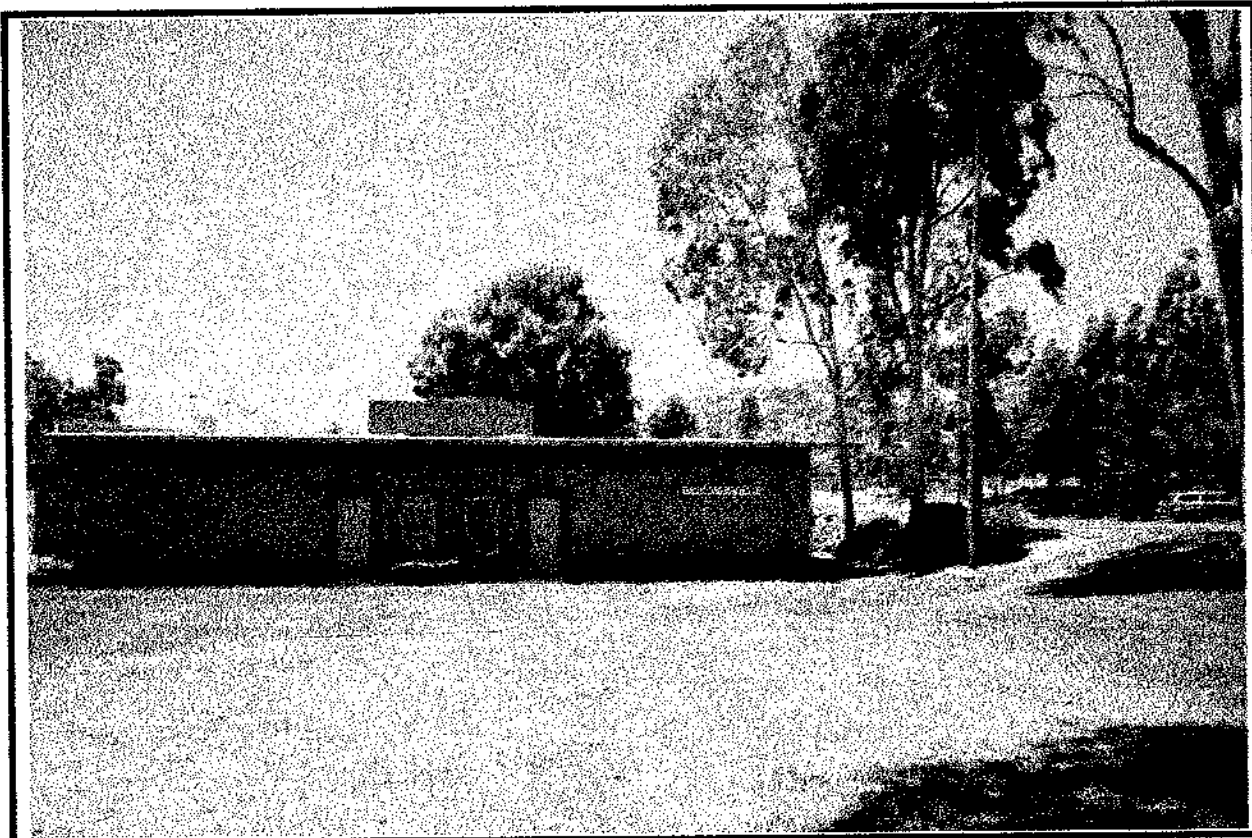
**HENRY B. AMES** - Senior Geologist / California Registered Geologist. Mr. Ames has a B.S. in oceanography from California State University Humboldt. Mr. Ames has worked on both geotechnical and environmental projects. He has been working in the environmental industry since 1986 and has gained broad experience with field-related and project management activities on a variety of projects, including over 800 Phase I Environmental Assessments and over 400 Phase II Subsurface Assessments. Additional project management experience includes preparing technical reports for hundreds of sites, including gasoline stations, dry cleaners, and various industrial sites.

**ANDREW DRUMMOND** - Project Hydrogeologist. Mr. Drummond has a B.S. degree in geology from California State University, Fullerton. He has been working in the environmental industry since 1996. Project experience includes performing Phase I Site Assessments, soil investigations, groundwater assessments, the design and installation of soil vapor extraction systems, and pump & treat systems. Other experience includes regulatory interactions, groundwater modeling, conducting well pump tests, and report preparation. Andrew is also a U. S. Navy military veteran.

# APPENDIX C

## PHOTOGRAPHIC SUMMARY





**Photograph #1** West facing view of the La Puerta School site located at 2475 N. Forbes Ave. in Claremont, CA. In view is the main school building, as seen from N. Forbes Ave. This building was reportedly constructed in 1968. A parking area is visible to the right.

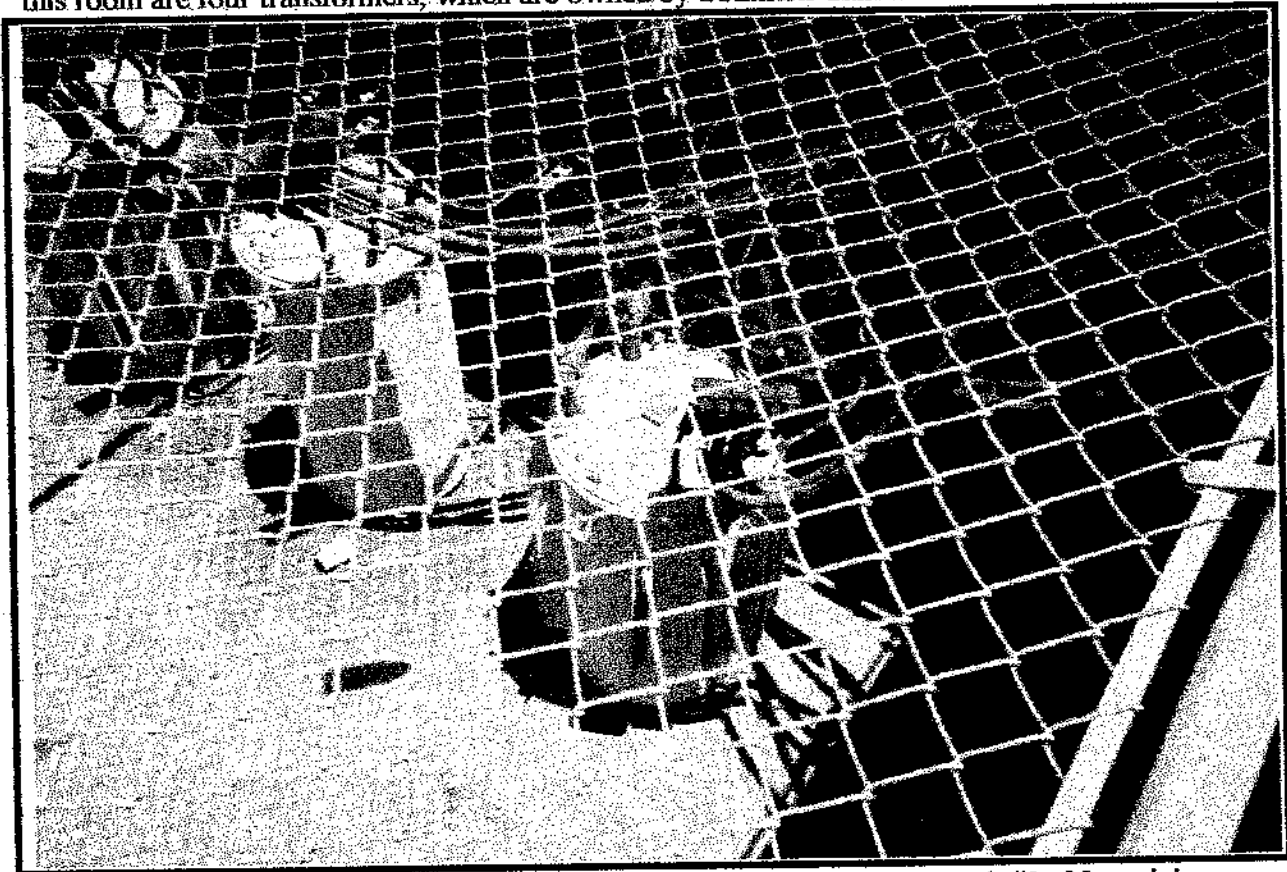


**Photograph #2** East facing view of a children's play area located to the north of the temporary classrooms. The main school building is visible in the distance.

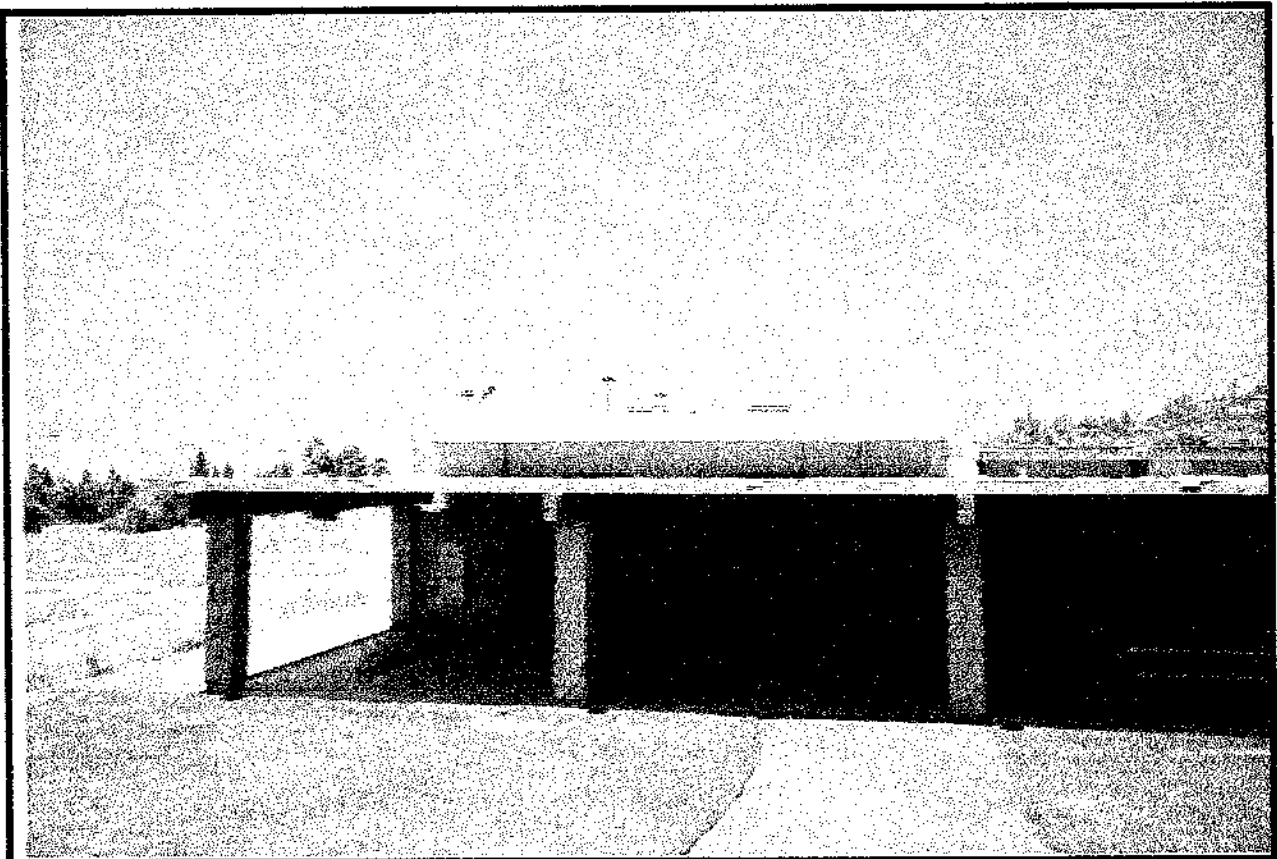




**Photograph #3** East facing view of the electrical service and transformer building. Inside of this room are four transformers, which are owned by Southern California Edison.



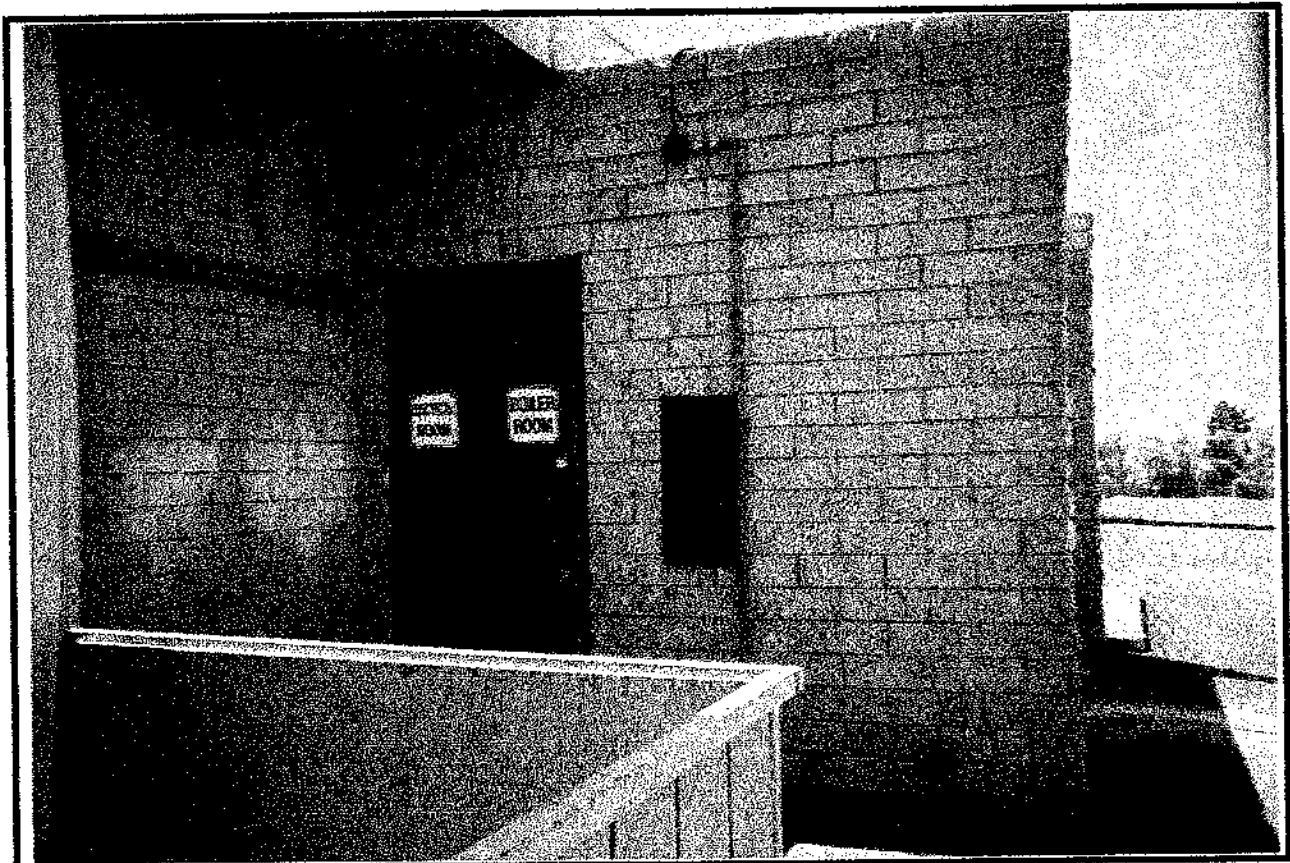
**Photograph #4** Close-up view of the transformers described in photograph #3. No staining was observed on the transformers or on the ground around the transformers.



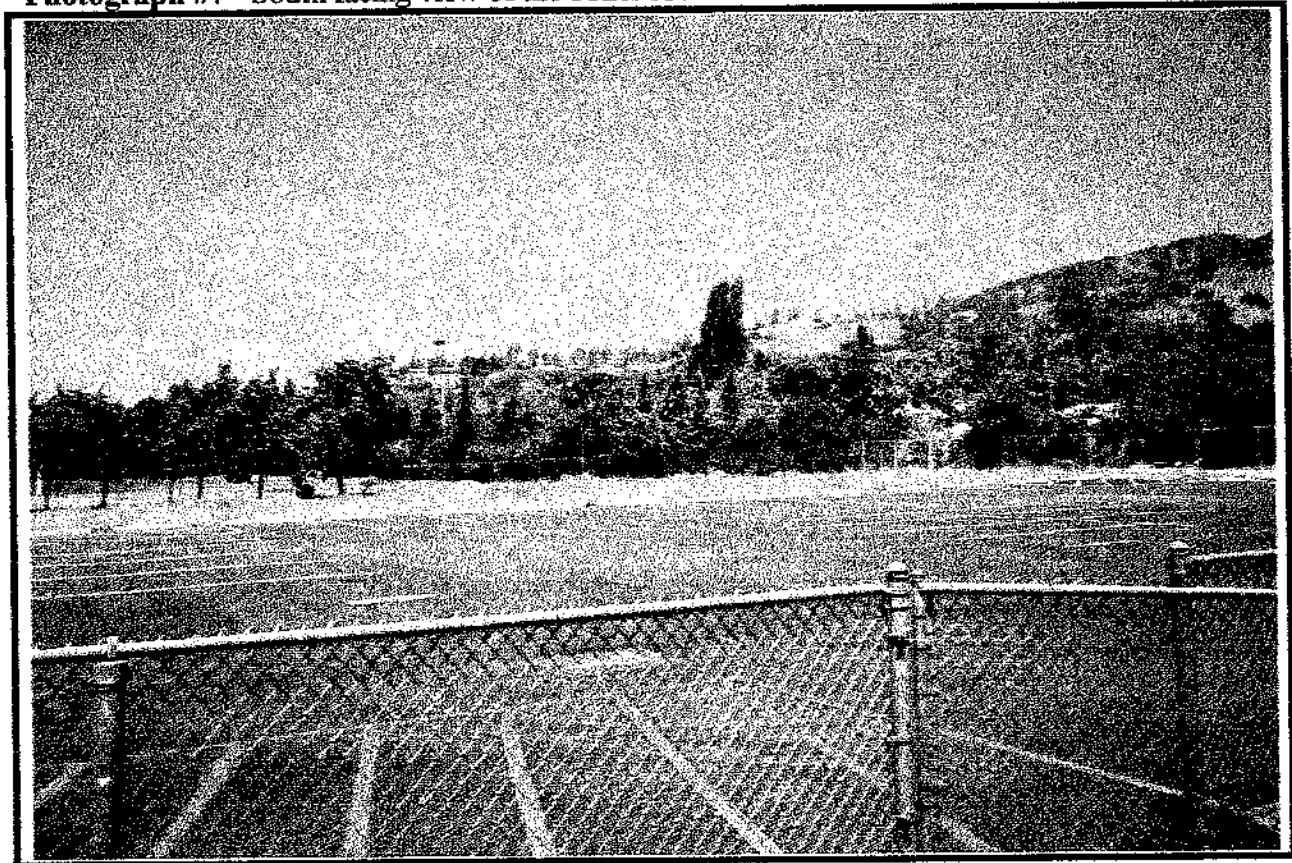
**Photograph #5** West facing view of the western building, which is currently used for storage. Previously this building was used as a locker and shower room.



**Photograph #6** East facing view of the southern side of the main school building.



**Photograph #7** South facing view of the boiler room and electrical room.



**Photograph #8** West facing view of the northwest portion of the property. In view are a parking area and an unpaved area. The northern and western adjacent properties are visible in the distance, beyond the fences.





**Photograph #9** Southeast facing view of the western parking lot. Beyond the parking lot is the undeveloped area that is the location for the proposed school buildings. Off-site residential structures are visible in the distance.



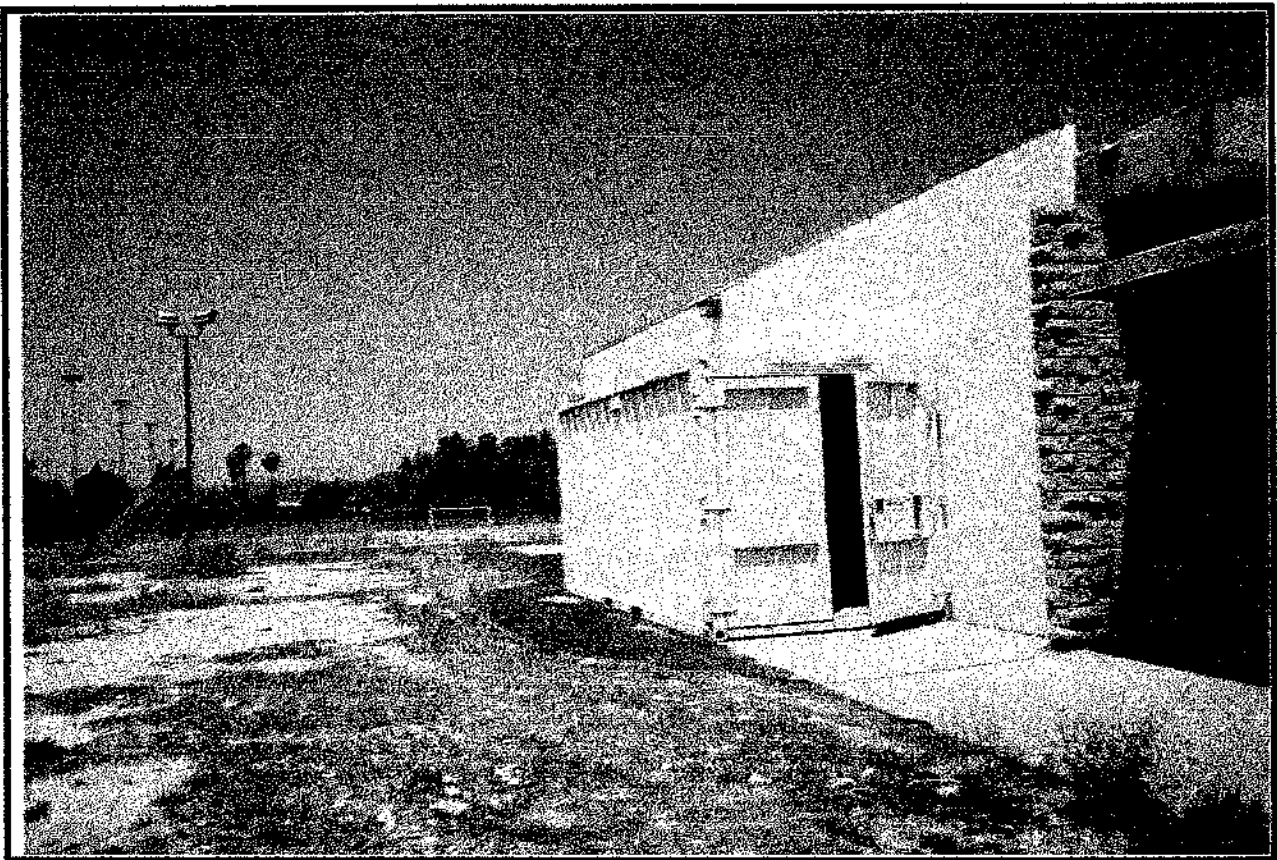
**Photograph #10** South facing view of the western portion of the property. The southern adjacent residences are visible in the distance.



**Photograph #11** Northeast facing view as seen from the southwest corner of the site. In view is the undeveloped portion of the site, beyond which are the existing school buildings.

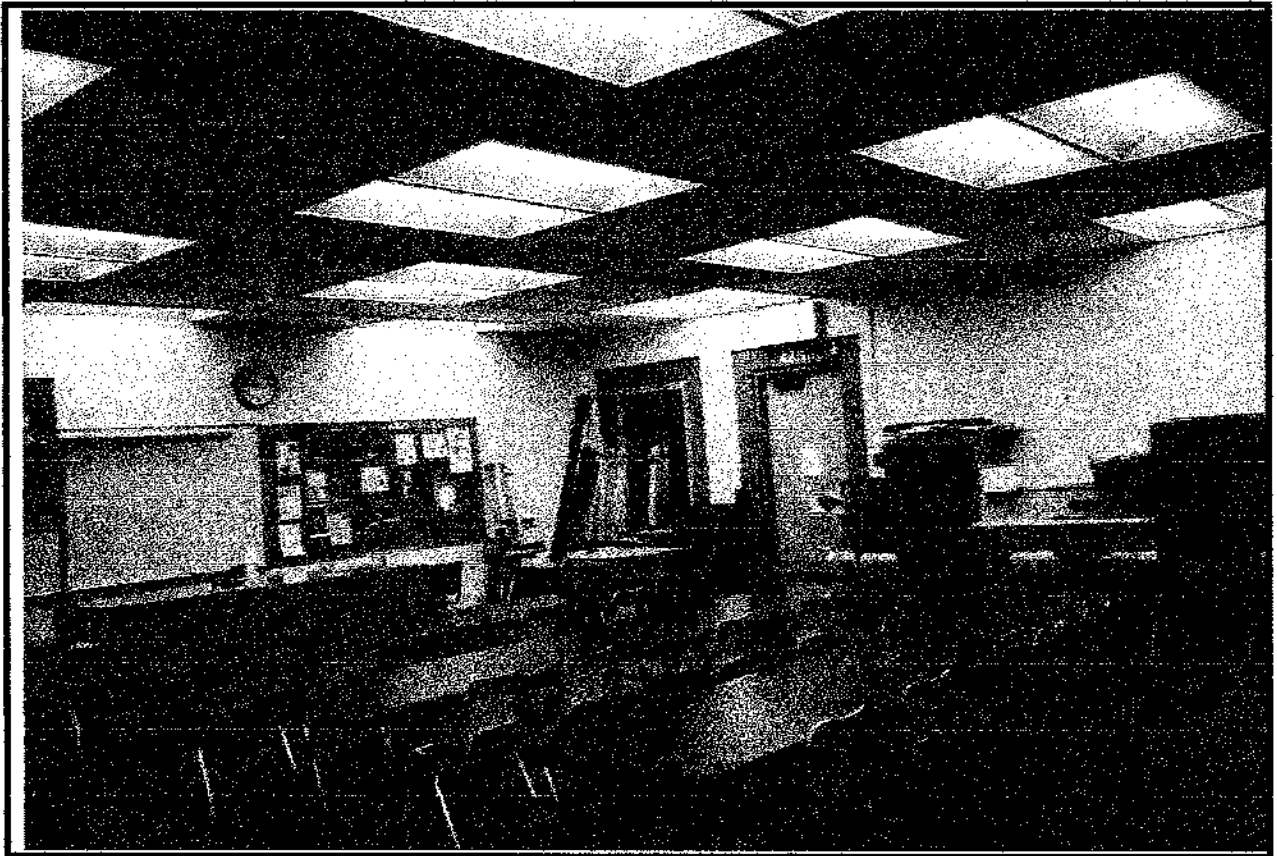


**Photograph #12** Northwest facing view as seen from the southeast corner of the site. The existing school buildings are visible to the right and the western adjacent athletic fields are visible to the left.

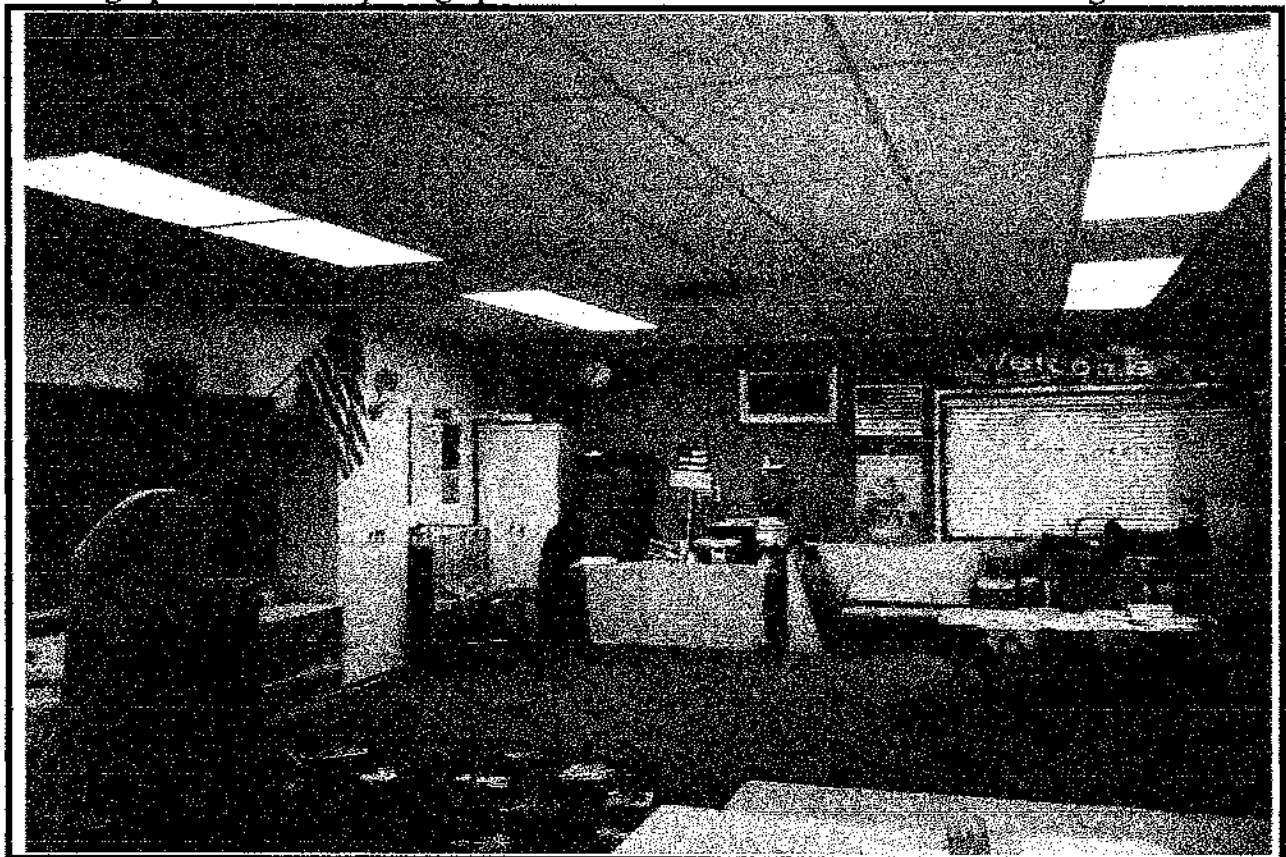


**Photograph #13** West facing view of the southern side of the western structure. In view is a storage container. Various emergency supplies are stored with the container. The western adjacent athletic fields are visible in the distance.

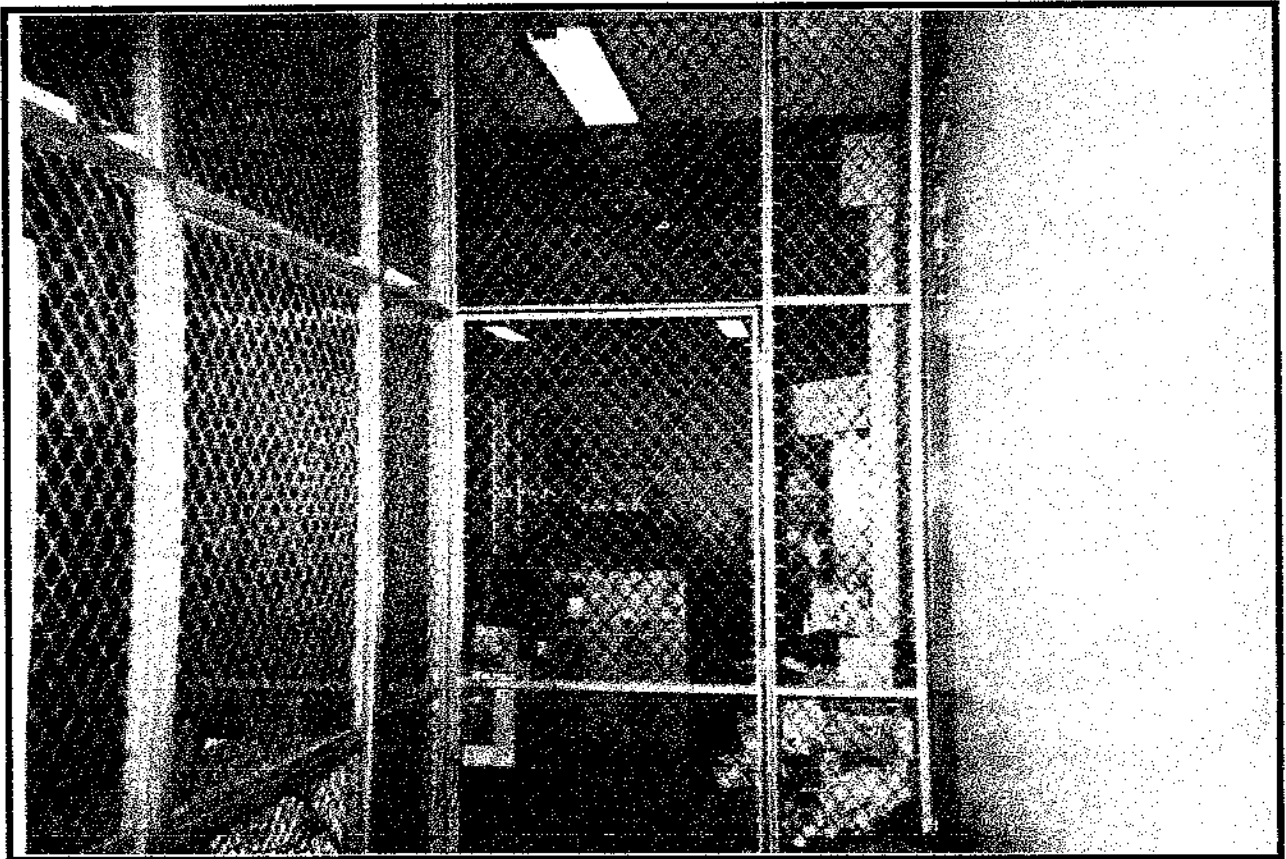




**Photograph #14** Indoor photograph of a classroom within the main school building.



**Photograph #15** Indoor photograph of the classroom within the temporary building, which is located to the west of the main school building.



**Photograph #16** Inside view of storage area within the western building. This area was formerly used as a shower and locker room. Materials stored in this area include various children's toys and teaching supplies.



**APPENDIX D**

**OWNER INTERVIEW**

**ENVIRONMENTAL RISK DISCLOSURE QUESTIONNAIRE**

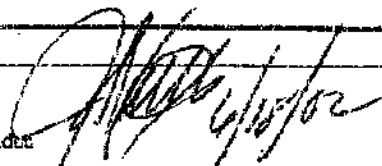
(To be completed by Borrower and Appraiser.)

SUBJECT PROPERTY: LA PUERTA ELEMENTARY <sup>School</sup> City & State: CLAREMONT, CA  
 Assessor's Parcel #/s: \_\_\_\_\_

Present Occupant(s):	<u>CLAREMONT UNIFIED SCHOOL DISTRICT</u>
Present use of the Subject:	<u>ADULT SCHOOL</u>
Past uses of the Subject:	_____

- | Yes                                 | No                                  |   | Yes                      | No                       |
|-------------------------------------|-------------------------------------|---|--------------------------|--------------------------|
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 1. Are there now or have there ever been any above or below-ground storage tanks located on this property?<br>If yes, describe: _____                               | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 2. Are there any electrical transformers on the property?<br>If yes, describe: _____  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 3. Are there any groundwater wells on the property?<br>If yes, describe: _____  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 4. Are there any ponds or drainage ditches on or adjacent to the property?<br>If yes, describe: _____   | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 5. Are you aware of any landfills or land disposal on the property? Are there any depressed areas in the land or dead vegetation?<br>If yes, describe: <u>WEEDS</u> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 6. Are there any railroad tracks or underground pipe lines on or adjacent to the property?<br>If yes, describe: _____   | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 7. Are you aware of any asbestos containing materials on the property?<br>If yes, describe: _____   | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 8. Are there any toxic/hazardous materials in use or stored on the subject?<br>If yes, describe: _____  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 9. Are there any areas of stained concrete, asphalt, or soil on the property?<br>If yes, describe: _____  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 10. Are there any unusual odors associated with the property?<br>If yes, describe: _____  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 11. Is the property the subject of environmental litigation, regulatory citations or enforcement action?<br>If yes, describe: _____                                 | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 12. Are you aware of any "other" toxic/hazardous waste problems, existing or past, with the subject property?<br>If yes, describe: _____                            | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 13. To your knowledge, has an environmental risk study ever been performed on the property?<br>If yes, describe: _____  | <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | 14. Are you aware of any toxic/hazardous waste problems, existing or past, with adjacent or nearby properties?<br>If yes, describe: _____                           | <input type="checkbox"/> | <input type="checkbox"/> |

The back of this form may be used to further describe answers to any of the above questions.

Other Remarks: 

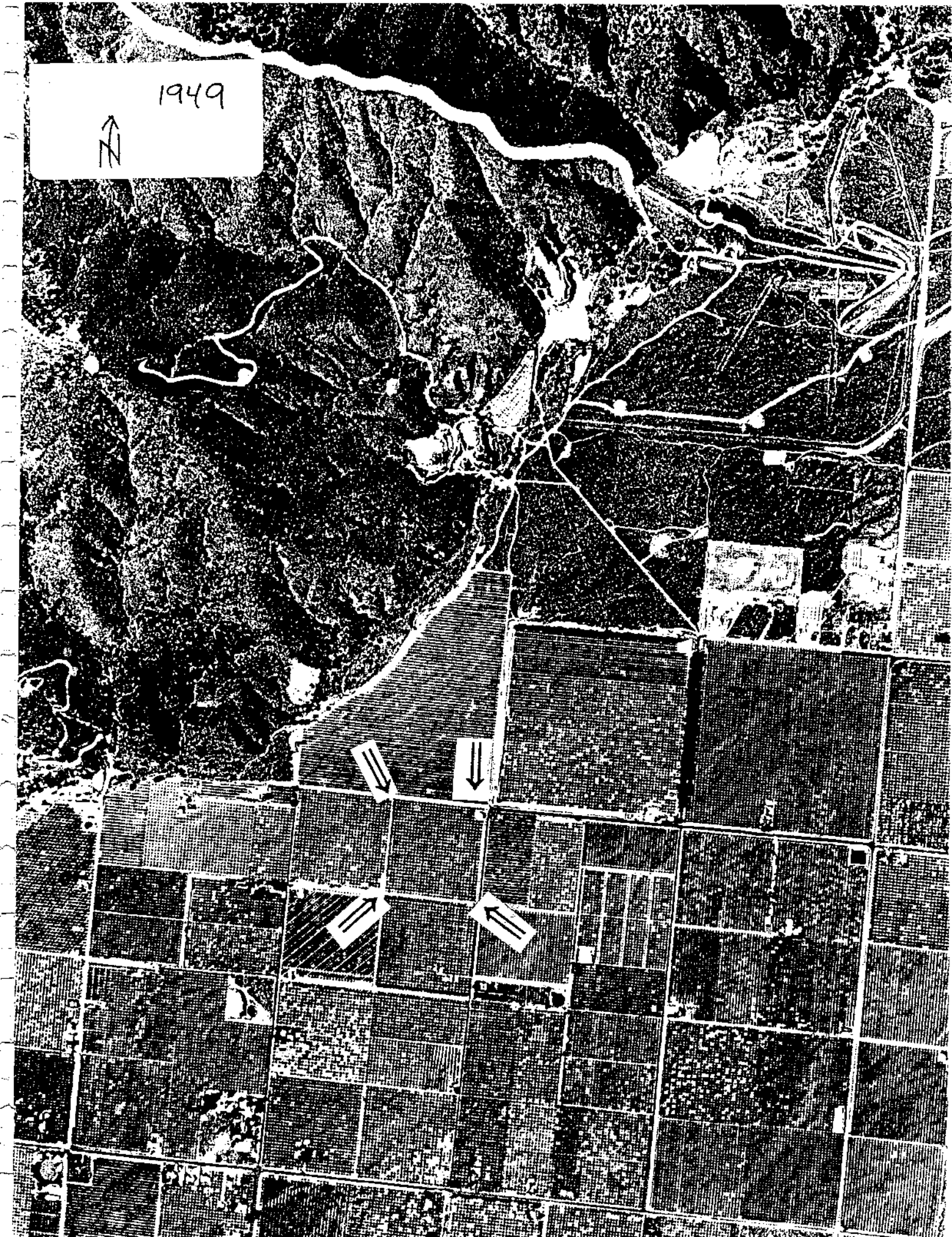
# APPENDIX E

## AERIAL PHOTOGRAPHS

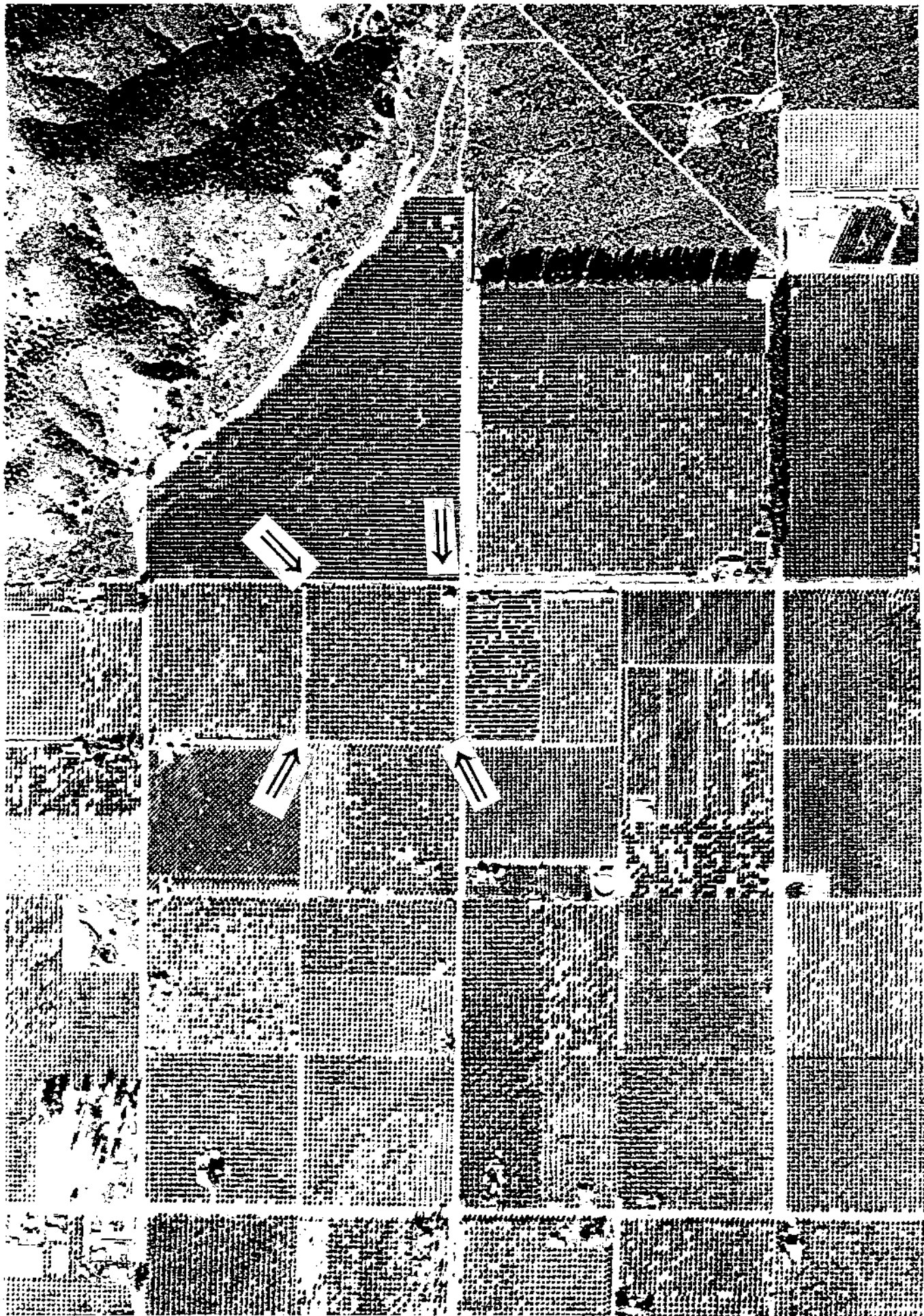


↑  
N  
1928

1949







↑  
N  
1952



↑  
N  
1968

↑  
N 1976







↑  
N  
1989



↑  
N  
1994

# APPENDIX F

## COMMERCIAL DATABASE QUERY



## **The EDR Radius Map with GeoCheck®**

**La Puerta Elementary School  
2475 North Forbes Avenue  
Claremont, CA 91711**

**Inquiry Number: 792070.3s**

**June 03, 2002**

## ***The Source For Environmental Risk Management Data***

**3530 Post Road  
Southport, Connecticut 06490**

**Nationwide Customer Service**

**Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)**

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**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 meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

### TARGET PROPERTY INFORMATION

#### ADDRESS

2475 NORTH FORBES AVENUE  
CLAREMONT, CA 91711

#### COORDINATES

Latitude (North): 34.128300 - 34° 7' 41.9"  
Longitude (West): 117.715800 - 117° 42' 56.9"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 433994.8  
UTM Y (Meters): 3776418.2

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2434117-B6 MOUNT BALDY, CA  
Source: USGS 7.5 min quad index

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### 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 ASTM E 1527-00 search radius around the target property for the following databases:

### FEDERAL ASTM STANDARD

NPL..... National Priority List  
Proposed NPL..... Proposed National Priority List Sites  
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System  
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned  
CORRACTS..... Corrective Action Report  
RCRIS-TSD..... Resource Conservation and Recovery Information System  
RCRIS-LQG..... Resource Conservation and Recovery Information System  
ERNS..... Emergency Response Notification System

### STATE ASTM STANDARD

AWP..... Annual Workplan Sites  
Cal-Sites..... Calsites Database  
CHMIRS..... California Hazardous Material Incident Report System  
Notify 65..... Proposition 65 Records  
Toxic Pits..... Toxic Pits Cleanup Act Sites

## EXECUTIVE SUMMARY

SWF/LF.....	Solid Waste Information System
WMUDS/SWAT.....	Waste Management Unit Database
LUST.....	Leaking Underground Storage Tank Information System
CA BOND EXP. PLAN.....	Bond Expenditure Plan
UST.....	Underground Storage Tank Comprehensive Facility Report
CA FID UST.....	Facility Inventory Database
HIST UST.....	Hazardous Substance Storage Container Database

### FEDERAL ASTM SUPPLEMENTAL

CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
Delisted NPL.....	National Priority List Deletions
FINDS.....	Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS.....	Hazardous Materials Information Reporting System
MLTS.....	Material Licensing Tracking System
MINES.....	Mines Master Index File
NPL Liens.....	Federal Superfund Liens
PADS.....	PCB Activity Database System
RAATS.....	RCRA Administrative Action Tracking System
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)

### STATE OR LOCAL ASTM SUPPLEMENTAL

AST.....	Aboveground Petroleum Storage Tank Facilities
CLEANERS.....	Cleaner Facilities
CA WDS.....	Waste Discharge System
DEED.....	List of Deed Restrictions
CA SLIC.....	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
LOS ANGELES CO. HMS.....	HMS: Street Number List
LA Co. Site Mitigation.....	Site Mitigation List
AOCONCERN.....	San Gabriel Valley Areas of Concern

### EDR PROPRIETARY HISTORICAL DATABASES

See the EDR Proprietary Historical Database Section for details

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 1 degree 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. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. 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 (by more than 10 feet). 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.

## EXECUTIVE SUMMARY

### FEDERAL ASTM STANDARD

**RCRIS:** The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 12/01/2001 has revealed that there is 1 RCRIS-SQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>CHAMBERS D J TRUCKING</b>	<b>235 W ARMSTRONG DR</b>	<b>1/8 - 1/4NW</b>	<b>2</b>	<b>6</b>

### STATE ASTM STANDARD

**CORTESE:** This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, has revealed that there are 2 Cortese sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>SOYTHEM CALIFORNIA WATER CO</b>	<b>3045 MOUNTAIN AVE N</b>	<b>1/2 - 1 WNW</b>	<b>3</b>	<b>6</b>
<b>WESTON MONTGOMERY</b>	<b>3232 PADUA AVE N</b>	<b>1/2 - 1 E</b>	<b>4</b>	<b>8</b>

### STATE OR LOCAL ASTM SUPPLEMENTAL

**HAZNET:** 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 from non-California manifests & continuation sheets are not included at the present time. 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, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, has revealed that there is 1 HAZNET site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>ALAN DAVIDNER</b>	<b>159 BUTLER CT</b>	<b>0 - 1/8 NW</b>	<b>1</b>	<b>6</b>

### EDR PROPRIETARY HISTORICAL DATABASES

See the EDR Proprietary Historical Database Section for details



## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

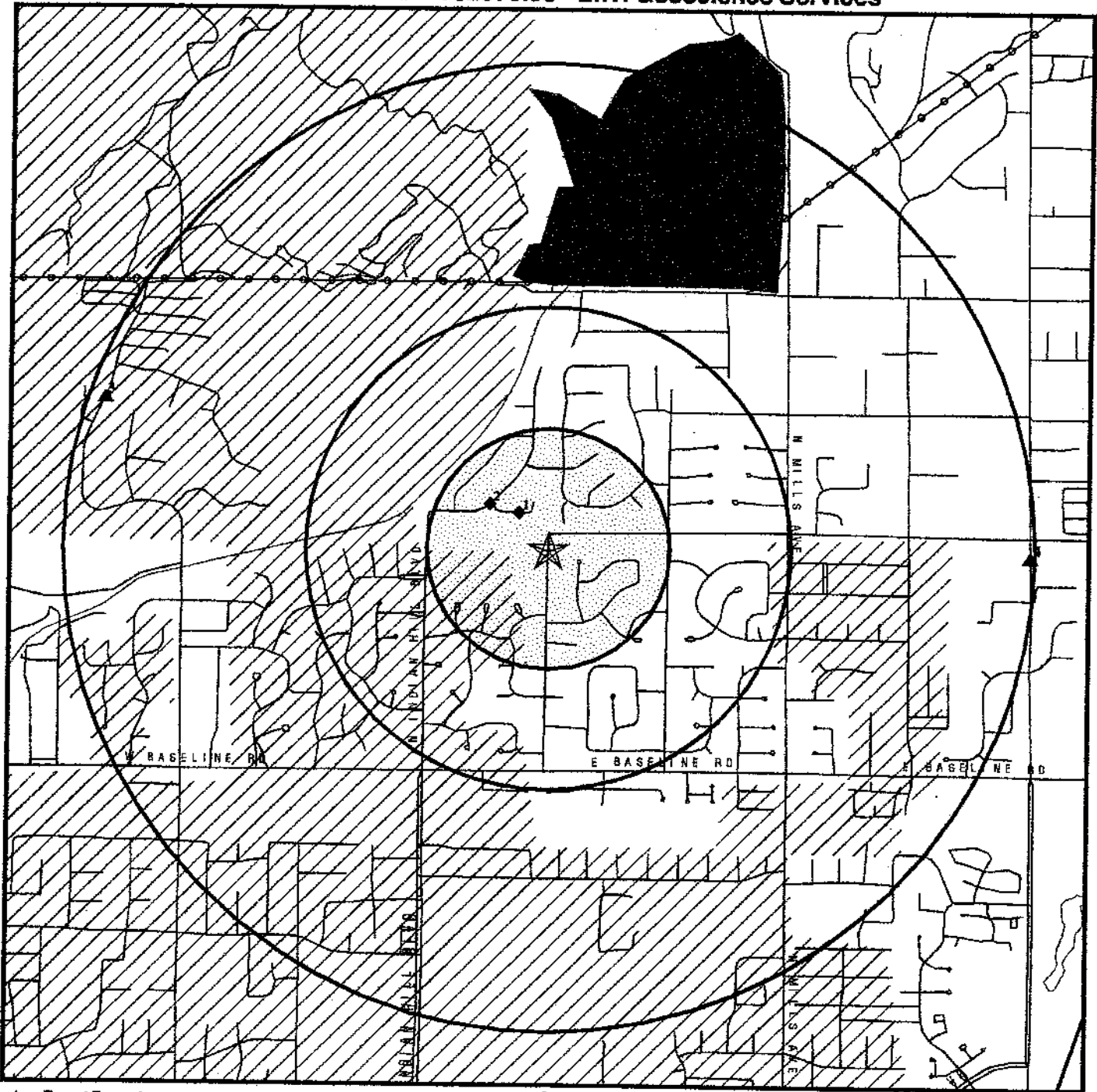
Site Name

GTE CALIFORNIA INCORP  
LIVE OAK DEBRIS DISPOSAL SITE  
LLANO ILLEGAL DISPOSAL SITE  
SHELL  
CLAREMONT LANDFILL  
LANDFILL,UPLAND-INERT, 700 ARR  
SDUSD - HALE JUNIOR HIGH SCHOOL  
IMPACT DYNAMICS DBA CALIFORNIA CONTACTS  
HIGHRAIL CONNECTOR INC  
MOBILE OIL CORP

Database(s)

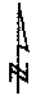
HAZNET, Cortese  
WMUDS/SWAT, SWF/LF  
SWF/LF  
LUST  
WMUDS/SWAT, CA WDS  
WMUDS/SWAT  
HAZNET  
HAZNET  
HAZNET  
HAZNET

**OVERVIEW MAP - 792070.3s - Env. Geoscience Services**



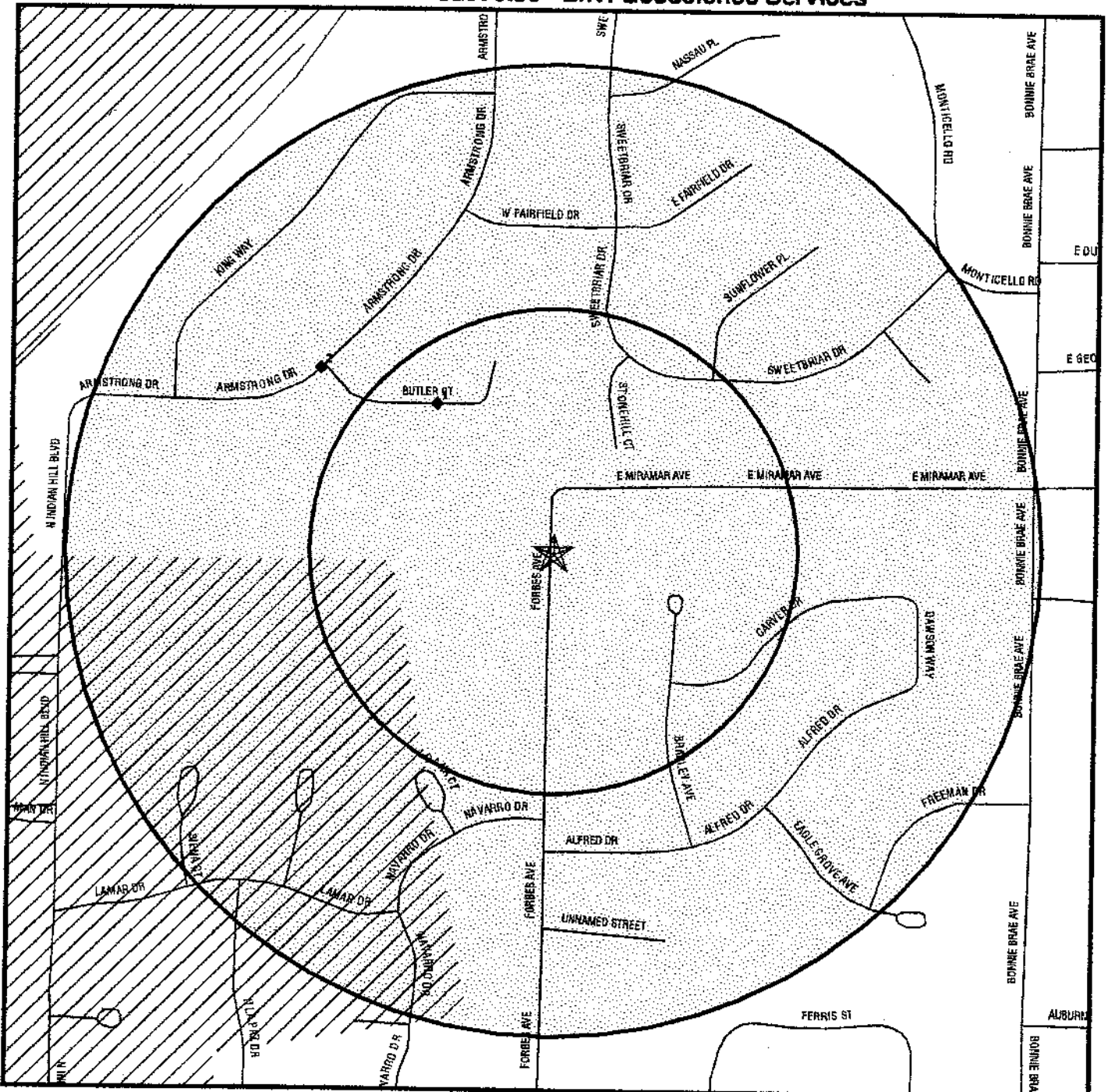
- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- National Priority List Sites
- Landfill Sites

- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- Areas of Concern



<p><b>TARGET PROPERTY:</b> La Puerta Elementary School  <b>ADDRESS:</b> 2475 North Forbes Avenue  <b>CITY/STATE/ZIP:</b> Claremont CA 91711  <b>LAT/LONG:</b> 34.1283 / 117.7158</p>	<p><b>CUSTOMER:</b> Env. Geoscience Services  <b>CONTACT:</b> Andrew Drummond  <b>INQUIRY #:</b> 792070.3s  <b>DATE:</b> June 03, 2002 5:27 pm</p>
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# DETAIL MAP - 792070.3s - Env. Geoscience Services



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- ☒ Historical Gas Stations / Historical Dry Cleaners  
See the EDR Proprietary Historical Map Findings
- ♣ Sensitive Receptors
- ☒ National Priority List Sites
- ☒ Landfill Sites

- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

<b>TARGET PROPERTY:</b>	La Puerta Elementary School	<b>CUSTOMER:</b>	Env. Geoscience Services
<b>ADDRESS:</b>	2475 North Forbes Avenue	<b>CONTACT:</b>	Andrew Drummond
<b>CITY/STATE/ZIP:</b>	Claremont CA 91711	<b>INQUIRY #:</b>	792070.3s
<b>LAT/LONG:</b>	34.1283 / 117.7158	<b>DATE:</b>	June 03, 2002 5:27 pm

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	Search Distance					Total Plotted
			< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	
<b><u>FEDERAL ASTM STANDARD</u></b>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	0	1	NR	NR	NR	1
ERNS		TP	NR	NR	NR	NR	NR	0
<b><u>STATE ASTM STANDARD</u></b>								
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	0	0	NR	0
CHMIRS		1.000	0	0	0	0	NR	0
Cortese		1.000	0	0	0	2	NR	2
Notify 65		1.000	0	0	0	0	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	0	NR	NR	0
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
UST		0.250	0	0	NR	NR	NR	0
CA FID UST		0.250	0	0	NR	NR	NR	0
HIST UST		0.250	0	0	NR	NR	NR	0
<b><u>FEDERAL ASTM SUPPLEMENTAL</u></b>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	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
<b><u>STATE OR LOCAL ASTM SUPPLEMENTAL</u></b>								
AST		TP	NR	NR	NR	NR	NR	0
CLEANERS		0.250	0	0	NR	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 WDS		TP	NR	NR	NR	NR	NR	0
DEED		TP	NR	NR	NR	NR	NR	0
CA SLIC		0.500	0	0	0	NR	NR	0
HAZNET		0.250	1	0	NR	NR	NR	1
Los Angeles Co. HMS		TP	NR	NR	NR	NR	NR	0
LA Co. Site Mitigation		TP	NR	NR	NR	NR	NR	0
AOCONCERN		1.000	0	0	0	0	NR	0

### EDR PROPRIETARY HISTORICAL DATABASES

Gas Stations/Dry Cleaners		0.250	0	0	NR	NR	NR	0
Coal Gas		1.000	0	0	0	0	NR	0

See the EDR Proprietary Historical Database Section for details

TP = Target Property

NR = Not Requested at this Search Distance

\* Sites may be listed in more than one database

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)      EDR ID Number  
 EPA ID Number

**1**  
**NW**  
 < 1/8  
 512 ft.  
 Lower

**ALAN DAVIDNER**  
**159 BUTLER CT**  
**CLAREMONT, CA 91711**

**HAZNET**      **S104570395**  
 N/A

HAZNET:  
 Gepaid:            CAC002136249  
 Tepaid:            CAD000088252  
 Gen County:      Los Angeles  
 Tsd County:      Los Angeles  
 Tons:              0.3544  
 Category:        Off-specification, aged, or surplus organics  
 Disposal Method: Transfer Station  
 Contact:          ALAN DAVIDNER  
 Telephone:        (000) 000-0000  
 Mailing Address: 159 BUTLER CT  
                          CLAREMONT, CA 91711  
 County            Los Angeles

**2**  
**NW**  
 1/8-1/4  
 805 ft.  
 Lower

**CHAMBERS D J TRUCKING**  
**235 W ARMSTRONG DR**  
**CLAREMONT, CA 91711**

**RCRIS-SQG**      **1000296838**  
**FINDS**          **CAD980735401**

RCRIS:  
 Owner:            NOT REQUIRED  
                          (415) 555-1212  
 EPA ID:            CAD980735401  
 Contact:          ENVIRONMENTAL MANAGER  
                          (714) 621-1853  
 Classification:   Small Quantity Generator  
 Used Oil Recyc: No  
 TSDF Activities: Not reported  
 Violation Status: No violations found

FINDS:  
 Other Pertinent Environmental Activity Identified at Site:  
     Facility Registry System (FRS)  
     Resource Conservation and Recovery Act Information system (RCRAINFO)

**3**  
**WNW**  
 1/2-1  
 5108 ft.  
 Higher

**SOYTHEM CALIFORNIA WATER CO**  
**3045 MOUNTAIN AVE N**  
**CLAREMONT, CA 91711**

**LUST**            **S103438003**  
**Cortese**        **N/A**

State LUST:  
 Cross Street:    Not reported  
 Qty Leaked:     Not reported  
 Case Number    R-23861  
 Reg Board:      Los Angeles Region  
 Chemical:       1  
 Lead Agency:    Local Agency  
 Local Agency :   19000  
 Case Type:      Soil only  
 Status:           Signed off, remedial action completed or deemed unnecessary

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

SOYTHERN CALIFORNIA WATER CO (Continued)

S103438003

County: Los Angeles  
Review Date: Not reported  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: 6/24/1997  
Release Date: 6/24/1997  
Cleanup Fund Id : Not reported  
Discover Date : Not reported  
Enforcement Dt : Not reported  
Enf Type: Not reported  
Enter Date : 7/6/1998  
Funding: Not reported  
Staff Initials: Not reported  
How Discovered: Not reported  
How Stopped: Not reported  
Interim : Not reported  
Leak Cause: Not reported  
Leak Source: Not reported  
MTBE Date : Not reported  
Max MTBE GW : Not reported  
MTBE Tested: Not Required to be Tested.  
Priority: Not reported  
Local Case # : Not reported  
Beneficial: Not reported  
Staff : JH  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm: Local Implementing Agency UST (Includes non-LOP cases within LOP jurisdiction)  
Oversight Prgm : LIA  
Review Date : 6/24/1997  
Stop Date : Not reported  
Work Suspended : Not reported  
Responsible Party: SOUTHERN CALIFORNIA WATER CO  
RP Address: 630 E FOOTHILL BLVD., SAN DIMAS CA 91773  
Global Id: T0603705421  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtbe Fuel: 0  
Water System Name: Not reported  
Well Name: Not reported  
Distance To Lust: 1561.2923987839244725933106824  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 4:

Report Date: 6/24/1997  
Lead Agency: Local Agency  
Local Agency: 19000  
Case Number: R-23861  
Substance: 1  
Case Type: Soil  
Status: Signed off, remedial action completed or deemed unnecessary

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

SOYTHEM CALIFORNIA WATER CO (Continued)

S103438003

Region: 4  
Staff: Not reported

CORTESE:

Reg Id: R-23861  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

4  
East  
1/2-1  
5230 ft.  
Higher

WESTON MONTGOMERY  
3232 PADUA AVE N  
CLAREMONT, CA 91711

LUST S102059203  
HAZNET N/A  
Cortese  
LOS ANGELES CO. HMS

State LUST:

Cross Street: MOAB DR  
Qty Leaked: Not reported  
Case Number: R-11443  
Reg Board: Los Angeles Region  
Chemical: Hydrocarbons  
Lead Agency: Local Agency  
Local Agency: 19000  
Case Type: Soil only  
Status: Signed off, remedial action completed or deemed unnecessary  
County: Los Angeles  
Abate Method: Other Means  
Review Date: Not reported  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: 8/20/1996  
Release Date: 4/25/1996  
Cleanup Fund Id: Not reported  
Discover Date: 4/25/1996  
Enforcement Dt: Not reported  
Erf Type: Not reported  
Enter Date: 6/13/1996  
Funding: Not reported  
Staff Initials: Not reported  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim: Not reported  
Leak Cause: Unknown  
Leak Source: Unknown  
MTBE Date: Not reported  
Max MTBE GW: Not reported  
MTBE Tested: Not Required to be Tested.  
Priority: Not reported  
Local Case #: Not reported  
Beneficial: Not reported  
Staff: JH  
GW Qualifies: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifies: Not reported  
Hydr Basin #: Not reported  
Operator: MONTGOMERY, MONTY  
Oversight Prgm: Local Implementing Agency UST (includes non-LOP cases within LOP jurisdiction)  
Oversight Prgm: LIA

Confirm Leak: Not reported  
Prelim Assess: Not reported  
Remed Plan: Not reported  
Monitoring: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

WESTON MONTGOMERY (Continued)

S102059203

Review Date : 8/20/1996  
Stop Date : 4/25/1996  
Work Suspended Not reported  
Responsible Party WESTON MONTGOMERY  
RP Address: 3232 PADUA AVE, CLAREMONT CA 91711  
Global Id: T0603705045  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtbe Fuel: 0  
Water System Name: Not reported  
Well Name: Not reported  
Distance To LUST: 879.7081058274747718904759426  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 4:

Report Date: 4/25/1996  
Lead Agency: Local Agency  
Local Agency: 19000  
Case Number: R-11443  
Substance: Hydrocarbons  
Case Type: Soil  
Status: Signed off, remedial action completed or deemed unnecessary  
Region: 4  
Staff: Not reported

HAZNET:

Gepaid: CAL000097050  
Tepaid: CAD982484933  
Gen County: Los Angeles  
Tsd County: 7  
Tons: .1500  
Category: Other empty containers 30 gallons or more  
Disposal Method: Recycler  
Contact: MONTY MONTGOMERY  
Telephone: (909) 626-5503  
Mailing Address: 3232 PADUA AVE  
CLAREMONT, CA 91711  
County Los Angeles

CORTESE:

Reg Id: R-11443  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

HMS:

Facility Id: 011406-011443  
Facility Type: T0  
Permit Number: 00002969T  
Facility Status: Removed  
Region: Los Angeles County  
Permit Status: Removed  
Area: 6G

**MAP FINDINGS - EDR PROPRIETARY HISTORICAL DATABASES**

YEAR NAME ADDRESS CITY ST DIR DIST. ELEV. TYPE

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.  
EDR Historical Gas Station & Dry Cleaner Search: No mapped sites were found in EDR's search of the EDR Historical Gas Station & Dry Cleaner Database within 0.250 mile of the Target Property.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CLAIREMONT	S103663942	SDUSD - HALE JUNIOR HIGH SCHOOL	5331 MT ALIFAN DR	91711	HAZNET
CLAIREMONT	S103869744	IMPACT DYNAMICS DBA CALIFORNIA CONTACTS	759 W ARROW HIGHWAY STE C	91711	HAZNET
CLAIREMONT	S105092104	HIGHRAIL CONNECTOR INC	759 W ARROW HIGHWAY STE E / F	91711	HAZNET
CLAIREMONT	S103662101	GTE CALIFORNIA INCORP	315 INDIAN HILL BLVD	91711	HAZNET, Cortese
CLAIREMONT	S105180908	SHELL	267 INDIAN HILL BLVD	91711	LUST
CLAIREMONT	S102380674	LIVE OAK DEBRIS DISPOSAL SITE	4405 OAK CANYON ROAD	91711	WMUDS/SWAT, SWFLF
CLAIREMONT	S105086614	MOBILE OIL CORP	SHLDR OF HWY 10 ESTBND @ INDIAN HILL	91711	HAZNET
CLAIREMONT	S103495998	CLAREMONT LANDFILL	ARROW ROUTE / CLAREMONT BLVD.	91711	WMUDS/SWAT, CA WDS
LOS ANGELES COUNTY	S104889769	LLANO ILLEGAL DISPOSAL SITE	1 MILE SOUTH OF HWY 138 @ 190TH ST EAST	91711	SWFLF
UPLAND	S104384486	LANDFILL,UPLAND-INERT, 700 ARR	700 ARROW ROUTE	91711	WMUDS/SWAT

# 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.

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

## FEDERAL ASTM STANDARD RECORDS

### **NPL: National Priority List**

Source: EPA

Telephone: N/A

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: 01/29/02

Date Made Active at EDR: 02/25/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/04/02

Elapsed ASTM days: 21

Date of Last EDR Contact: 05/06/02

### **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**

Source: EPA

Telephone: N/A

Date of Government Version: 01/17/02

Date Made Active at EDR: 02/25/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/04/02

Elapsed ASTM days: 21

Date of Last EDR Contact: 05/06/02

### **CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System**

Source: EPA

Telephone: 703-413-0223

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: 11/21/01

Date Made Active at EDR: 02/04/02

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/26/01

Elapsed ASTM days: 40

Date of Last EDR Contact: 03/25/02

### **CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned**

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/21/01  
Date Made Active at EDR: 02/04/02  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/26/01  
Elapsed ASTM days: 40  
Date of Last EDR Contact: 03/25/02

## **CORRACTS:** Corrective Action Report

Source: EPA  
Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 11/14/01  
Date Made Active at EDR: 01/14/02  
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/14/01  
Elapsed ASTM days: 61  
Date of Last EDR Contact: 03/11/02

## **RCRIS:** Resource Conservation and Recovery Information System

Source: EPA/NTIS  
Telephone: 800-424-9346

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

Date of Government Version: 12/01/01  
Date Made Active at EDR: 04/08/02  
Database Release Frequency: Varies

Date of Data Arrival at EDR: 02/04/02  
Elapsed ASTM days: 63  
Date of Last EDR Contact: 03/04/02

## **ERNS:** Emergency Response Notification System

Source: EPA/NTIS  
Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 08/08/00  
Date Made Active at EDR: 09/06/00  
Database Release Frequency: Varies

Date of Data Arrival at EDR: 08/11/00  
Elapsed ASTM days: 26  
Date of Last EDR Contact: 04/29/02

## **FEDERAL ASTM SUPPLEMENTAL RECORDS**

### **BRS:** Biennial Reporting System

Source: EPA/NTIS  
Telephone: 800-424-9346

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: 12/31/99  
Database Release Frequency: Biennially

Date of Last EDR Contact: 03/18/02  
Date of Next Scheduled EDR Contact: 06/17/02

### **CONSENT:** Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices  
Telephone: Varies

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: N/A  
Database Release Frequency: Varies

Date of Last EDR Contact: N/A  
Date of Next Scheduled EDR Contact: N/A

### **ROD:** Records Of Decision

Source: EPA  
Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/00  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/09/02  
Date of Next Scheduled EDR Contact: 07/08/02

## **DELISTED NPL: National Priority List Deletions**

Source: EPA  
Telephone: N/A

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: 01/29/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/06/02  
Date of Next Scheduled EDR Contact: 08/05/02

## **FINDS: Facility Index System/Facility Identification Initiative Program Summary Report**

Source: EPA  
Telephone: N/A

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: 10/29/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/08/02  
Date of Next Scheduled EDR Contact: 07/08/02

## **HMIRS: Hazardous Materials Information Reporting System**

Source: U.S. Department of Transportation  
Telephone: 202-366-4555

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/30/01  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/22/02  
Date of Next Scheduled EDR Contact: 07/22/02

## **MLTS: Material Licensing Tracking System**

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169

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: 02/14/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/08/02  
Date of Next Scheduled EDR Contact: 07/08/02

## **MINES: Mines Master Index File**

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959

Date of Government Version: 12/14/01  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/01/02  
Date of Next Scheduled EDR Contact: 07/01/02

## **NPL LIENS: Federal Superfund Liens**

Source: EPA  
Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (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 receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/91  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/28/02  
Date of Next Scheduled EDR Contact: 08/26/02

**PADS: PCB Activity Database System**

Source: EPA  
Telephone: 202-260-3936

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: 12/01/01  
Database Release Frequency: Annually

Date of Last EDR Contact: 05/14/02  
Date of Next Scheduled EDR Contact: 08/12/02

**RAATS: RCRA Administrative Action Tracking System**

Source: EPA  
Telephone: 202-564-4104

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: 04/17/95  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/11/02  
Date of Next Scheduled EDR Contact: 06/10/02

**TRIS: Toxic Chemical Release Inventory System**

Source: EPA  
Telephone: 202-260-1531

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: 12/31/99  
Database Release Frequency: Annually

Date of Last EDR Contact: 03/25/02  
Date of Next Scheduled EDR Contact: 06/24/02

**TSCA: Toxic Substances Control Act**

Source: EPA  
Telephone: 202-260-5521

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: 12/31/98  
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 03/11/02  
Date of Next Scheduled EDR Contact: 06/10/02

**FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**

Source: EPA/Office of Prevention, Pesticides and Toxic Substances  
Telephone: 202-564-2501

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: 01/11/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/25/02  
Date of Next Scheduled EDR Contact: 06/24/02

**FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)**

Source: EPA  
Telephone: 202-564-2501

Date of Government Version: 01/14/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/25/02  
Date of Next Scheduled EDR Contact: 06/24/02

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## STATE OF CALIFORNIA ASTM STANDARD RECORDS

### **AWP: Annual Workplan Sites**

Source: California Environmental Protection Agency  
Telephone: 916-323-3400

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 11/08/00  
Date Made Active at EDR: 03/02/01  
Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/31/01  
Elapsed ASTM days: 30  
Date of Last EDR Contact: 04/12/02

### **CAL-SITES: Calsites Database**

Source: Department of Toxic Substance Control  
Telephone: 916-323-3400

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: 10/01/00  
Date Made Active at EDR: 11/22/00  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/30/00  
Elapsed ASTM days: 23  
Date of Last EDR Contact: 04/12/02

### **CHMIRS: California Hazardous Material Incident Report System**

Source: Office of Emergency Services  
Telephone: 916-845-8400

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/94  
Date Made Active at EDR: 04/24/95  
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 03/13/95  
Elapsed ASTM days: 42  
Date of Last EDR Contact: 05/26/02

### **CORTESE: "Cortese" Hazardous Waste & Substances Sites List**

Source: CAL EPA/Office of Emergency Information  
Telephone: 916-445-6532

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).

Date of Government Version: 04/01/01  
Date Made Active at EDR: 07/26/01  
Database Release Frequency: Varies

Date of Data Arrival at EDR: 05/29/01  
Elapsed ASTM days: 58  
Date of Last EDR Contact: 04/30/02

### **NOTIFY 65: Proposition 65 Records**

Source: State Water Resources Control Board  
Telephone: 916-445-3846

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: 10/21/93  
Date Made Active at EDR: 11/19/93  
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 11/01/93  
Elapsed ASTM days: 18  
Date of Last EDR Contact: 04/22/02

### **TOXIC PITS: Toxic Pits Cleanup Act Sites**

Source: State Water Resources Control Board  
Telephone: 916-227-4364

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: 07/01/95  
Date Made Active at EDR: 09/26/95  
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 08/30/95  
Elapsed ASTM days: 27  
Date of Last EDR Contact: 05/06/02



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **SWF/LF (SWIS):** Solid Waste Information System

Source: Integrated Waste Management Board  
Telephone: 916-341-6320

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 03/15/02  
Date Made Active at EDR: 04/16/02  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/18/02  
Elapsed ASTM days: 29  
Date of Last EDR Contact: 03/18/02

## **WMUDS/SWAT:** Waste Management Unit Database

Source: State Water Resources Control Board  
Telephone: 916-227-4448

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: 04/01/00  
Date Made Active at EDR: 05/10/00  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/10/00  
Elapsed ASTM days: 30  
Date of Last EDR Contact: 03/12/02

## **LUST:** Leaking Underground Storage Tank Information System

Source: State Water Resources Control Board  
Telephone: 916-341-5740

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: 01/17/02  
Date Made Active at EDR: 02/12/02  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/21/02  
Elapsed ASTM days: 22  
Date of Last EDR Contact: 04/12/02

## **CA BOND EXP. PLAN:** Bond Expenditure Plan

Source: Department of Health Services  
Telephone: 916-255-2118

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: 01/01/89  
Date Made Active at EDR: 08/02/94  
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/27/94  
Elapsed ASTM days: 6  
Date of Last EDR Contact: 05/31/94

## **CA UST:**

### **UST:** Active UST Facilities

Source: SWRCB  
Telephone: 916-341-5700  
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/17/02  
Date Made Active at EDR: 02/12/02  
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 01/21/02  
Elapsed ASTM days: 22  
Date of Last EDR Contact: 04/16/02

### **CA FID UST:** Facility Inventory Database

Source: California Environmental Protection Agency  
Telephone: 916-445-6532

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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/31/94  
Date Made Active at EDR: 09/29/95  
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/05/95  
Elapsed ASTM days: 24  
Date of Last EDR Contact: 12/28/98

## **HIST UST:** Hazardous Substance Storage Container Database

Source: State Water Resources Control Board  
Telephone: 916-341-5700

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: 10/15/90  
Date Made Active at EDR: 02/12/91  
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/25/91  
Elapsed ASTM days: 18  
Date of Last EDR Contact: 07/26/01

## **STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS**

### **AST:** Aboveground Petroleum Storage Tank Facilities

Source: State Water Resources Control Board  
Telephone: 916-227-4382

Registered Aboveground Storage Tanks.

Date of Government Version: 02/27/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/06/02  
Date of Next Scheduled EDR Contact: 08/05/02

### **CLEANERS:** Cleaner Facilities

Source: Department of Toxic Substance Control  
Telephone: 916-225-0873

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: 03/18/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/08/02  
Date of Next Scheduled EDR Contact: 07/08/02

### **CA WDS:** Waste Discharge System

Source: State Water Resources Control Board  
Telephone: 916-857-1571

Sites which have been issued waste discharge requirements.

Date of Government Version: 03/18/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/19/02  
Date of Next Scheduled EDR Contact: 06/24/02

### **DEED:** List of Deed Restrictions

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400

The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes.

Date of Government Version: 04/26/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/11/02  
Date of Next Scheduled EDR Contact: 07/08/02

### **HAZNET:** Hazardous Waste Information System

Source: California Environmental Protection Agency  
Telephone: 916-255-1136

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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/00  
Database Release Frequency: Annually

Date of Last EDR Contact: 05/16/02  
Date of Next Scheduled EDR Contact: 08/12/02

## LOCAL RECORDS

### **ALAMEDA COUNTY:**

#### **Local Oversight Program Listing of UGT Cleanup Sites**

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700

Date of Government Version: 07/01/01  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/01/02  
Date of Next Scheduled EDR Contact: 07/29/02

#### **Underground Tanks**

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700

Date of Government Version: 12/01/00  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/01/02  
Date of Next Scheduled EDR Contact: 07/29/02

### **CONTRA COSTA COUNTY:**

#### **Site List**

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 09/01/00  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/04/02  
Date of Next Scheduled EDR Contact: 06/03/02

### **FRESNO COUNTY:**

#### **CUPA Resources List**

Source: Dept. of Community Health  
Telephone: 559-445-3271

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: 04/01/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/30/02  
Date of Next Scheduled EDR Contact: 08/12/02

### **KERN COUNTY:**

#### **Underground Storage Tank Sites & Tanks Listing**

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Kern County Sites and Tanks Listing.

Date of Government Version: 03/01/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/04/02  
Date of Next Scheduled EDR Contact: 06/03/02

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LOS ANGELES COUNTY:

### List of Solid Waste Facilities

Source: La County Department of Public Works  
Telephone: 818-458-5185

Date of Government Version: 11/09/99  
Database Release Frequency: Varies

Date of Last EDR Contact: 05/20/02  
Date of Next Scheduled EDR Contact: 08/19/02

### City of El Segundo Underground Storage Tank

Source: City of El Segundo Fire Department  
Telephone: 310-607-2239

Date of Government Version: 03/01/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/20/02  
Date of Next Scheduled EDR Contact: 08/19/02

### City of Long Beach Underground Storage Tank

Source: City of Long Beach Fire Department  
Telephone: 562-570-2543

Date of Government Version: 10/01/99  
Database Release Frequency: Annually

Date of Last EDR Contact: 02/25/02  
Date of Next Scheduled EDR Contact: 05/27/02

### City of Torrance Underground Storage Tank

Source: City of Torrance Fire Department  
Telephone: 310-618-2973

Date of Government Version: 04/01/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/20/02  
Date of Next Scheduled EDR Contact: 08/19/02

### City of Los Angeles Landfills

Source: Engineering & Construction Division  
Telephone: 213-473-7869

Date of Government Version: 03/01/02  
Database Release Frequency: Varies

Date of Last EDR Contact: 03/18/02  
Date of Next Scheduled EDR Contact: 06/17/02

### HMS: Street Number List

Source: Department of Public Works  
Telephone: 626-458-3517  
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/31/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/20/02  
Date of Next Scheduled EDR Contact: 08/19/02

### Site Mitigation List

Source: Community Health Services  
Telephone: 323-890-7806  
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 02/28/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 05/20/02  
Date of Next Scheduled EDR Contact: 08/19/02

### San Gabriel Valley Areas of Concern

Source: EPA Region 9  
Telephone: 415-744-2407

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/29/99  
Date of Next Scheduled EDR Contact: N/A

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## MARIN COUNTY:

### Underground Storage Tank Sites

Source: Public Works Department Waste Management  
Telephone: 415-489-6647  
Currently permitted USTs in Marin County.

Date of Government Version: 03/06/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/06/02  
Date of Next Scheduled EDR Contact: 08/05/02

## NAPA COUNTY:

### Sites With Reported Contamination

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269

Date of Government Version: 04/01/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/01/02  
Date of Next Scheduled EDR Contact: 07/01/02

### Closed and Operating Underground Storage Tank Sites

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269

Date of Government Version: 04/01/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/01/02  
Date of Next Scheduled EDR Contact: 07/01/02

## ORANGE COUNTY:

### List of Underground Storage Tank Cleanups

Source: Health Care Agency  
Telephone: 714-834-3446  
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/27/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/12/02  
Date of Next Scheduled EDR Contact: 06/10/02

### List of Underground Storage Tank Facilities

Source: Health Care Agency  
Telephone: 714-834-3446  
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/27/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/12/02  
Date of Next Scheduled EDR Contact: 06/10/02

### List of Industrial Site Cleanups

Source: Health Care Agency  
Telephone: 714-834-3446  
Petroleum and non-petroleum spills.

Date of Government Version: 10/24/00  
Database Release Frequency: Annually

Date of Last EDR Contact: 03/12/02  
Date of Next Scheduled EDR Contact: 06/10/02

## PLACER COUNTY:

### Master List of Facilities

Source: Placer County Health and Human Services  
Telephone: 530-889-7312  
List includes aboveground tanks, underground tanks and cleanup sites.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/31/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/25/02  
Date of Next Scheduled EDR Contact: 06/24/02

## RIVERSIDE COUNTY:

### Listing of Underground Tank Cleanup Sites

Source: Department of Public Health  
Telephone: 909-358-5055  
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 03/27/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/22/02  
Date of Next Scheduled EDR Contact: 07/22/02

### Underground Storage Tank Tank List

Source: Health Services Agency  
Telephone: 909-358-5055

Date of Government Version: 03/01/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/22/02  
Date of Next Scheduled EDR Contact: 07/22/02

## SACRAMENTO COUNTY:

### CS - Contaminated Sites

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406

Date of Government Version: 01/15/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/06/02  
Date of Next Scheduled EDR Contact: 08/05/02

### ML - Regulatory Compliance Master List

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 01/15/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/06/02  
Date of Next Scheduled EDR Contact: 08/05/02

## SAN BERNARDINO COUNTY:

### Hazardous Material Permits

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041

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: 04/03/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/12/02  
Date of Next Scheduled EDR Contact: 06/10/02

## SAN DIEGO COUNTY:

### Solid Waste Facilities

Source: Department of Health Services  
Telephone: 619-338-2209  
San Diego County Solid Waste Facilities.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/01/00  
Database Release Frequency: Varies

Date of Last EDR Contact: 02/25/02  
Date of Next Scheduled EDR Contact: 05/27/02

## Hazardous Materials Management Division Database

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268

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: 03/31/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/09/02  
Date of Next Scheduled EDR Contact: 07/08/02

## SAN FRANCISCO COUNTY:

### Local Oversight Facilities

Source: Department Of Public Health San Francisco County  
Telephone: 415-252-3920

Date of Government Version: 03/01/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/12/02  
Date of Next Scheduled EDR Contact: 06/10/02

### Underground Storage Tank Information

Source: Department of Public Health  
Telephone: 415-252-3920

Date of Government Version: 03/01/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/12/02  
Date of Next Scheduled EDR Contact: 06/10/02

## SAN MATEO COUNTY:

### Fuel Leak List

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921

Date of Government Version: 12/08/01  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/29/02  
Date of Next Scheduled EDR Contact: 07/29/02

### Business Inventory

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 05/15/01  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/15/02  
Date of Next Scheduled EDR Contact: 07/15/02

## SANTA CLARA COUNTY:

### Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District  
Telephone: 408-265-2600

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/03/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/01/02  
Date of Next Scheduled EDR Contact: 07/01/02

## Hazardous Material Facilities

Source: City of San Jose Fire Department  
Telephone: 408-277-4659

Date of Government Version: 01/03/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 03/12/02  
Date of Next Scheduled EDR Contact: 06/10/02

## SOLANO COUNTY:

### Leaking Underground Storage Tanks

Source: Solano County Department of Environmental Management  
Telephone: 707-421-6770

Date of Government Version: 01/02/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/18/02  
Date of Next Scheduled EDR Contact: 06/17/02

### Underground Storage Tanks

Source: Solano County Department of Environmental Management  
Telephone: 707-421-6770

Date of Government Version: 01/02/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/18/02  
Date of Next Scheduled EDR Contact: 06/17/02

## SONOMA COUNTY:

### Leaking Underground Storage Tank Sites

Source: Department of Health Services  
Telephone: 707-565-6565

Date of Government Version: 11/29/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/29/02  
Date of Next Scheduled EDR Contact: 07/29/02

## SUTTER COUNTY:

### Underground Storage Tanks

Source: Sutter County Department of Agriculture  
Telephone: 530-822-7500

Date of Government Version: 07/01/01  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/08/02  
Date of Next Scheduled EDR Contact: 07/08/02

## VENTURA COUNTY:

### Inventory of Illegal Abandoned and Inactive Sites

Source: Environmental Health Division  
Telephone: 805-654-2813  
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 04/02/01  
Database Release Frequency: Annually

Date of Last EDR Contact: 02/25/02  
Date of Next Scheduled EDR Contact: 05/27/02

### Listing of Underground Tank Cleanup Sites

Source: Environmental Health Division  
Telephone: 805-654-2813  
Ventura County Underground Storage Tank Cleanup Sites (LUST).



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/12/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/18/02  
Date of Next Scheduled EDR Contact: 06/17/02

## Underground Tank Closed Sites List

Source: Environmental Health Division  
Telephone: 805-654-2813

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 05/24/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/15/02  
Date of Next Scheduled EDR Contact: 07/15/02

## Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

Source: Ventura County Environmental Health Division  
Telephone: 805-654-2813

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: 02/19/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/18/02  
Date of Next Scheduled EDR Contact: 06/17/02

## YOLO COUNTY:

### Underground Storage Tank Comprehensive Facility Report

Source: Yolo County Department of Health  
Telephone: 530-866-8646

Date of Government Version: 03/01/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/22/02  
Date of Next Scheduled EDR Contact: 07/22/02

## California Regional Water Quality Control Board (RWQCB) LUST Records

### LUST REG 1: Active Toxic Site Investigation

Source: California Regional Water Quality Control Board North Coast (1)  
Telephone: 707-576-2220

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: 02/01/01  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/25/02  
Date of Next Scheduled EDR Contact: 05/27/02

### LUST REG 2: Fuel Leak List

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-286-0457

Date of Government Version: 12/01/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/16/02  
Date of Next Scheduled EDR Contact: 07/15/02

### LUST REG 3: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-549-3147

Date of Government Version: 11/19/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/20/02  
Date of Next Scheduled EDR Contact: 08/19/02

### LUST REG 4: Underground Storage Tank Leak List

Source: California Regional Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-266-6600

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/09/01  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 04/01/02  
Date of Next Scheduled EDR Contact: 07/01/02

**LUST REG 5:** Leaking Underground Storage Tank Database  
Source: California Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-255-3125

Date of Government Version: 04/01/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/12/02  
Date of Next Scheduled EDR Contact: 07/08/02

**LUST REG 6L:** Leaking Underground Storage Tank Case Listing  
Source: California Regional Water Quality Control Board Lahontan Region (6)  
Telephone: 916-542-5424  
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 01/02/02  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 04/22/02  
Date of Next Scheduled EDR Contact: 07/08/02

**LUST REG 6V:** Leaking Underground Storage Tank Case Listing  
Source: California Regional Water Quality Control Board Victorville Branch Office (6)  
Telephone: 760-346-7491

Date of Government Version: 01/02/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/08/02  
Date of Next Scheduled EDR Contact: 07/08/02

**LUST REG 7:** Leaking Underground Storage Tank Case Listing  
Source: California Regional Water Quality Control Board Colorado River Basin Region (7)  
Telephone: 760-346-7491

Date of Government Version: 04/01/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/01/02  
Date of Next Scheduled EDR Contact: 07/01/02

**LUST REG 8:** Leaking Underground Storage Tanks  
Source: California Regional Water Quality Control Board Santa Ana Region (8)  
Telephone: 909-782-4498  
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: 07/23/01  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/13/02  
Date of Next Scheduled EDR Contact: 08/12/02

**LUST REG 9:** Leaking Underground Storage Tank Report  
Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-467-2980  
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: 03/01/01  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 04/22/02  
Date of Next Scheduled EDR Contact: 07/22/02

## California Regional Water Quality Control Board (RWQCB) SLIC Records

**SLIC REG 1:** Active Toxic Site Investigations  
Source: California Regional Water Quality Control Board, North Coast Region (1)  
Telephone: 707-576-2220

Date of Government Version: 02/01/01  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/01/02  
Date of Next Scheduled EDR Contact: 05/27/02

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing**

Source: Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-286-0457

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 12/01/01

Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/16/02

Date of Next Scheduled EDR Contact: 07/15/02

**SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing**

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-549-3147

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 02/19/02

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/20/02

Date of Next Scheduled EDR Contact: 08/19/02

**SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing**

Source: Region Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6600

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 09/13/01

Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/01/02

Date of Next Scheduled EDR Contact: 07/29/02

**SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing**

Source: Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-855-3075

Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 03/31/02

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/12/02

Date of Next Scheduled EDR Contact: 07/08/02

**SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing**

Source: Regional Water Quality Control Board, Victorville Branch

Telephone: 619-241-6583

Date of Government Version: 07/19/01

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/08/02

Date of Next Scheduled EDR Contact: 07/08/02

**SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing**

Source: California Region Water Quality Control Board Santa Ana Region (8)

Telephone: 909-792-3298

Date of Government Version: 07/31/01

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/10/02

Date of Next Scheduled EDR Contact: 07/08/02

**SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing**

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 858-467-2980

Date of Government Version: 03/01/02

Database Release Frequency: Annually

Date of Last EDR Contact: 03/04/02

Date of Next Scheduled EDR Contact: 06/03/02

**EDR PROPRIETARY HISTORICAL DATABASES**

**EDR Historical Gas Station and Dry Cleaners:** EDR has searched select national collections of business directories and has collected listings of potential dry cleaner and 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 dry cleaning and 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, dry cleaner, cleaners, laundry, laundromat, cleaning/laundry, wash & dry, etc.*

This information is meant to assist and complement environmental professionals in their conduct of environmental site assessments, and is not meant to be a substitute for a full historical investigation as defined in ASTM E1527. The information provided in this proprietary database may or may not be complete; i.e., the absence of a dry cleaner or gas station/filling station/service station site does not necessarily mean that such a site did not exist in the area covered by this report.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

(A note on "dry cleaning" sites: it is not possible for EDR to differentiate between a cleaning solvent and sites that function simply as drop-off and pick-up location facilities. Therefore, it is essential for environmental professionals to incorporate each site.)

**Former Manufactured Gas (Coal Gas) Sites:** The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

### Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

### 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.

**Oil/Gas Pipelines/Electrical Transmission Lines:** 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 and electrical transmission lines.

**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.

**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 1999 from the U.S. Fish and Wildlife Service.

### STREET AND ADDRESS INFORMATION

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## GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

LA PUERTA ELEMENTARY SCHOOL  
2475 NORTH FORBES AVENUE  
CLAREMONT, CA 91711

### TARGET PROPERTY COORDINATES

Latitude (North): 34.128300 - 34° 7' 41.9"  
Longitude (West): 117.715797 - 117° 42' 56.9"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 433994.8  
UTM Y (Meters): 3776418.2

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

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. 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.

## 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.

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2434117-B6 MOUNT BALDY, CA  
Source: USGS 7.5 min quad index

### GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY

Target Property: General WSW

Source: General Topographic Gradient has been determined from the USGS 1 Degree 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.

### 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  
LOS ANGELES, CA

FEMA Flood  
Electronic Data  
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0650430900B / CBNP

Additional Panels in search area: 0601090000A / CBNP

### NATIONAL WETLAND INVENTORY

NWI Quad at Target Property  
NOT AVAILABLE

NWI Electronic  
Data Coverage  
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.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## Site-Specific Hydrogeological Data\*:

Search Radius: 2.0 miles  
Status: Not found

## AQUIFLOW®

Search Radius: 2.000 Miles.

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.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

## 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

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q (decoded above as Era, System & Series)

### GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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.

\*©1998 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Beilbridge 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

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

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
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



# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

stratified  
 very gravelly - sandy loam  
 weathered bedrock  
 silty clay loam  
 gravelly - fine sandy loam  
 clay loam  
 sand  
 very fine sandy loam

## ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

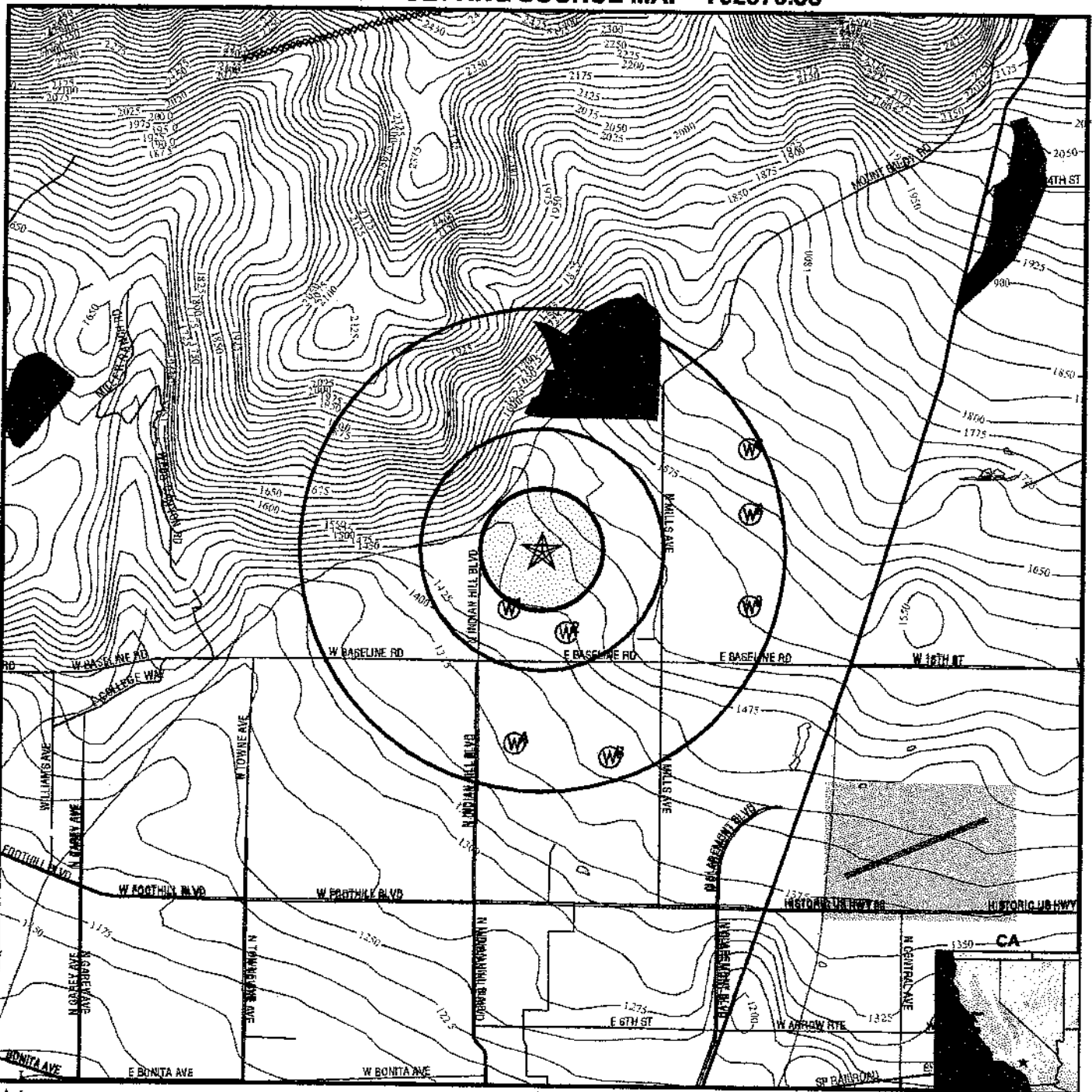
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	14207	1/4 - 1/2 Mile SSW
2	351	1/4 - 1/2 Mile SSE

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A3	1113	1/2 - 1 Mile South
A4	1112	1/2 - 1 Mile South
A5	1104	1/2 - 1 Mile South
B6	14316	1/2 - 1 Mile SSE
B7	14322	1/2 - 1 Mile SSE
8	350	1/2 - 1 Mile East
9	352	1/2 - 1 Mile ESE
B10	1107	1/2 - 1 Mile SSE
C11	1206	1/2 - 1 Mile ENE
C12	348	1/2 - 1 Mile ENE
C13	349	1/2 - 1 Mile ENE
B14	1108	1/2 - 1 Mile SSE

# PHYSICAL SETTING SOURCE MAP - 792070.3s



- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Water Wells
- Public Water Supply Wells
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Cluster of Multiple Icons
- Earthquake epicenter, Richter 5 or greater
- Closest Hydrogeological Data
- Oil, gas or related wells

<b>TARGET PROPERTY:</b> ADDRESS: CITY/STATE/ZIP: LAT/LONG:	La Puerta Elementary School 2475 North Forbes Avenue Claremont CA 91711 34.1283 / 117.7158	<b>CUSTOMER:</b> CONTACT: INQUIRY #: DATE:	Env. Geoscience Services Andrew Drummond 792070.3s June 03, 2002 5:28 pm
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# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

1  
 SSW  
 1/4 - 1/2 Mile  
 Lower

CA WELLS      14207

**Water System Information:**

Prime Station Code:	1910024-033	User ID:	MET
FRDS Number:	1910024033	County:	Los Angeles
District Number:	15	Station Type:	RESVR/WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	M	Well Status:	Combined Treated
Source Lat/Long:	340729.0 1174302.0	Precision:	100 Feet (one Second)
Source Name:	INDIAN HILL BLENDING RESERVOIR - TREATED		
System Number:	1910024		
System Name:	SCWC - CLAREMONT		
Organization That Operates System:	P.O. BOX 9016 SAN DIMAS, CA 91773		
Pop Served:	34028	Connections:	10187
Area Served:	CLAREMONT		

**Sample Information: \* Only Findings Above Detection Level Are Listed**

Sample Collected:	12/29/1993	Findings:	22.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/05/1994	Findings:	22.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/12/1994	Findings:	22.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/19/1994	Findings:	21.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/26/1994	Findings:	17.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/02/1994	Findings:	18.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/09/1994	Findings:	15.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/16/1994	Findings:	20.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/23/1994	Findings:	13.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/02/1994	Findings:	23.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/09/1994	Findings:	15.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/16/1994	Findings:	24.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/23/1994	Findings:	20.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/30/1994	Findings:	33.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/06/1994	Findings:	23.100 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/13/1994	Findings:	24.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/20/1994	Findings:	28.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/27/1994	Findings:	17.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/04/1994	Findings:	22.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/11/1994	Findings:	20.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/18/1994	Findings:	17.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/25/1994	Findings:	20.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/01/1994	Findings:	24.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/08/1994	Findings:	21.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/15/1994	Findings:	17.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/22/1994	Findings:	20.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/29/1994	Findings:	11.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/06/1994	Findings:	17.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/13/1994	Findings:	18.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/20/1994	Findings:	19.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/27/1994	Findings:	18.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/03/1994	Findings:	21.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/10/1994	Findings:	19.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/17/1994	Findings:	17.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/24/1994	Findings:	21.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/31/1994	Findings:	19.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/07/1994	Findings:	19.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/14/1994	Findings:	19.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/21/1994	Findings:	18.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/28/1994	Findings:	18.300 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/05/1994	Findings:	7.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/12/1994	Findings:	18.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/19/1994	Findings:	16.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/26/1994	Findings:	19.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/02/1994	Findings:	23.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/09/1994	Findings:	11.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/16/1994	Findings:	28.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/23/1994	Findings:	15.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/30/1994	Findings:	21.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/07/1994	Findings:	19.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/14/1994	Findings:	15.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/21/1994	Findings:	23.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/28/1994	Findings:	11.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/04/1995	Findings:	21.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/11/1995	Findings:	23.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/18/1995	Findings:	22.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/25/1995	Findings:	24.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/01/1995	Findings:	25.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/08/1995	Findings:	30.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/15/1995	Findings:	22.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/22/1995	Findings:	28.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/01/1995	Findings:	29.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/06/1995	Findings:	26.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/15/1995	Findings:	26.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/22/1995	Findings:	23.700 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/29/1995	Findings:	26.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/05/1995	Findings:	28.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/12/1995	Findings:	25.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/19/1995	Findings:	14.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/26/1995	Findings:	2.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/03/1995	Findings:	3.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/10/1995	Findings:	3.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/17/1995	Findings:	4.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/24/1995	Findings:	15.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/31/1995	Findings:	21.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/07/1995	Findings:	19.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/14/1995	Findings:	16.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/21/1995	Findings:	12.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/28/1995	Findings:	16.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/05/1995	Findings:	15.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/12/1995	Findings:	20.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/19/1995	Findings:	23.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/26/1995	Findings:	18.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/02/1995	Findings:	16.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/09/1995	Findings:	15.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/04/1995	Findings:	13.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/11/1995	Findings:	11.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/18/1995	Findings:	11.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/25/1995	Findings:	21.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/01/1995	Findings:	16.700 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/08/1995	Findings:	22.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/15/1995	Findings:	24.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/22/1995	Findings:	23.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/29/1995	Findings:	21.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/06/1995	Findings:	15.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/13/1995	Findings:	11.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/20/1995	Findings:	22.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/27/1995	Findings:	18.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/03/1996	Findings:	23.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/10/1996	Findings:	25.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/17/1996	Findings:	20.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/24/1996	Findings:	14.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/31/1996	Findings:	18.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/07/1996	Findings:	20.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/14/1996	Findings:	19.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/21/1996	Findings:	19.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/28/1996	Findings:	16.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/06/1996	Findings:	15.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/13/1996	Findings:	16.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/20/1996	Findings:	22.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/27/1996	Findings:	24.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/03/1996	Findings:	22.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/10/1996	Findings:	18.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/17/1996	Findings:	14.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/01/1996	Findings:	19.600 MG/L
Chemical:	NITRATE (AS NO3)		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/08/1996	Findings:	20.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/15/1996	Findings:	17.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/22/1996	Findings:	19.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/29/1996	Findings:	20.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/05/1996	Findings:	15.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/12/1996	Findings:	17.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/19/1996	Findings:	18.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/26/1996	Findings:	15.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/03/1996	Findings:	15.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/10/1996	Findings:	11.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/17/1996	Findings:	11.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/24/1996	Findings:	11.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/31/1996	Findings:	25.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/21/1996	Findings:	22.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/28/1996	Findings:	15.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/04/1996	Findings:	41.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/11/1996	Findings:	16.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/11/1996	Findings:	16.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/18/1996	Findings:	14.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/18/1996	Findings:	14.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/25/1996	Findings:	16.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/25/1996	Findings:	17.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/02/1996	Findings:	40.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/02/1996	Findings:	18.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/09/1996	Findings:	24.400 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/09/1996	Findings:	24.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/16/1996	Findings:	18.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/23/1996	Findings:	20.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/30/1996	Findings:	26.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/06/1996	Findings:	25.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/12/1996	Findings:	22.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/20/1996	Findings:	33.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/27/1996	Findings:	34.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/04/1996	Findings:	35.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/11/1996	Findings:	35.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/18/1996	Findings:	31.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/26/1996	Findings:	34.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/02/1997	Findings:	35.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/08/1997	Findings:	27.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/14/1997	Findings:	39.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/22/1997	Findings:	25.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/28/1997	Findings:	36.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/05/1997	Findings:	38.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/12/1997	Findings:	25.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/19/1997	Findings:	46.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/26/1997	Findings:	23.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/05/1997	Findings:	37.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/05/1997	Findings:	27.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/06/1997	Findings:	27.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/12/1997	Findings:	22.300 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/19/1997	Findings:	24.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/26/1997	Findings:	20.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/02/1997	Findings:	26.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/09/1997	Findings:	29.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/16/1997	Findings:	29.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/23/1997	Findings:	18.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/30/1997	Findings:	18.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/07/1997	Findings:	22.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/13/1997	Findings:	19.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/21/1997	Findings:	17.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/28/1997	Findings:	9.240 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/04/1997	Findings:	16.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/11/1997	Findings:	18.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/17/1997	Findings:	17.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/25/1997	Findings:	15.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/02/1997	Findings:	16.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/02/1997	Findings:	17.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/09/1997	Findings:	17.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/16/1997	Findings:	17.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/23/1997	Findings:	17.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/30/1997	Findings:	18.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/06/1997	Findings:	17.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/13/1997	Findings:	16.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/21/1997	Findings:	17.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/27/1997	Findings:	16.600 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/02/1997	Findings:	17.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/10/1997	Findings:	13.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/17/1997	Findings:	12.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/24/1997	Findings:	13.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/01/1997	Findings:	16.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/07/1997	Findings:	16.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/15/1997	Findings:	18.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/22/1997	Findings:	18.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/29/1997	Findings:	19.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/05/1997	Findings:	18.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/13/1997	Findings:	18.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/19/1997	Findings:	18.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/26/1997	Findings:	17.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/03/1997	Findings:	25.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/11/1997	Findings:	17.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/17/1997	Findings:	19.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/24/1997	Findings:	21.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/24/1997	Findings:	20.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/31/1997	Findings:	23.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/07/1998	Findings:	23.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/14/1998	Findings:	28.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/21/1998	Findings:	27.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/28/1998	Findings:	25.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/04/1998	Findings:	22.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/11/1998	Findings:	21.100 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/18/1998	Findings:	20.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/25/1998	Findings:	21.500 MG/L
Chemical:	NITRATE (AS NO3)		

2  
SSE  
1/4 - 1/2 Mile  
Lower

CA WELLS 351

**Water System Information:**

Prime Station Code:	01N/08W-34Q01 S	User ID:	MET
FRDS Number:	1910024004	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340724.0 1174247.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	BOULDER WELL 01		
System Number:	1910024		
System Name:	SCWC - CLAREMONT		
Organization That Operates System:	P.O. BOX 9016		
	SAN DIMAS, CA 91773		
Pop Served:	34028	Connections:	10187
Area Served:	CLAREMONT		

**Sample Information: \* Only Findings Above Detection Level Are Listed**

Sample Collected:	06/18/1986	Findings:	.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/21/1989	Findings:	11.100 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	03/21/1989	Findings:	400.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/21/1989	Findings:	7.570
Chemical:	FIELD PH		
Sample Collected:	03/21/1989	Findings:	7.570
Chemical:	PH (LABORATORY)		
Sample Collected:	03/21/1989	Findings:	150.400 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	03/21/1989	Findings:	183.500 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/21/1989	Findings:	171.600 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	03/21/1989	Findings:	52.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/21/1989	Findings:	10.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/21/1989	Findings:	9.500 MG/L
Chemical:	SODIUM		
Sample Collected:	03/21/1989	Findings:	1.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/21/1989	Findings:	1.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/21/1989	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/21/1989	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/21/1989	Findings:	240.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/21/1989	Findings:	.640
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	03/21/1989	Findings:	-.270
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	03/21/1989	Findings:	19.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/21/1989	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/21/1989	Findings:	11.900
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	03/21/1989	Findings:	10.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	03/21/1989	Findings:	400.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/21/1989	Findings:	7.410
Chemical:	FIELD PH		
Sample Collected:	03/21/1989	Findings:	7.410
Chemical:	PH (LABORATORY)		
Sample Collected:	03/21/1989	Findings:	129.700 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	03/21/1989	Findings:	158.300 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/21/1989	Findings:	183.200 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	03/21/1989	Findings:	50.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/21/1989	Findings:	13.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/21/1989	Findings:	6.600 MG/L
Chemical:	SODIUM		
Sample Collected:	03/21/1989	Findings:	2.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/21/1989	Findings:	4.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/21/1989	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/21/1989	Findings:	.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/21/1989	Findings:	236.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/21/1989	Findings:	.390
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	03/21/1989	Findings:	-.550
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	03/21/1989	Findings:	22.500 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/21/1989	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/21/1989	Findings:	11.800
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	06/14/1989	Findings:	.170 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	02/28/1990	Findings:	.046 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	03/28/1990	Findings:	.030 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	03/30/1990	Findings:	.090 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	04/11/1990	Findings:	.050 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	04/24/1990	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	04/24/1990	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/13/1990	Findings:	.056 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	07/11/1990	Findings:	.060 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	08/08/1990	Findings:	.060 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	12/30/1990	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/20/1991	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/14/1991	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/14/1991	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/14/1991	Findings:	.090 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	02/19/1992	Findings:	18.330 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	02/19/1992	Findings:	390.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/19/1992	Findings:	7.900
Chemical:	FIELD PH		
Sample Collected:	02/19/1992	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	02/19/1992	Findings:	138.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )		
Sample Collected:	02/19/1992	Findings:	168.400 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/19/1992	Findings:	172.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	02/19/1992	Findings:	43.300 MG/L
Chemical:	CALCIUM		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/19/1992	Findings:	15.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/19/1992	Findings:	8.700 MG/L
Chemical:	SODIUM		
Sample Collected:	02/19/1992	Findings:	1.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/19/1992	Findings:	6.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/19/1992	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/19/1992	Findings:	189.600 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/19/1992	Findings:	.850
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	02/19/1992	Findings:	.110
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/19/1992	Findings:	19.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/19/1992	Findings:	.700 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/19/1992	Findings:	12.070
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	02/19/1992	Findings:	18.330 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	02/19/1992	Findings:	390.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/19/1992	Findings:	7.900
Chemical:	FIELD PH		
Sample Collected:	02/19/1992	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	02/19/1992	Findings:	138.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	02/19/1992	Findings:	168.400 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/19/1992	Findings:	172.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	02/19/1992	Findings:	43.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/19/1992	Findings:	15.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/19/1992	Findings:	8.700 MG/L
Chemical:	SODIUM		
Sample Collected:	02/19/1992	Findings:	1.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/19/1992	Findings:	6.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/19/1992	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/19/1992	Findings:	.060 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/19/1992	Findings:	189.600 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/19/1992	Findings:	.850
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	02/19/1992	Findings:	.110
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/19/1992	Findings:	19.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/19/1992	Findings:	.700 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/19/1992	Findings:	12.070
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	05/13/1992	Findings:	.050 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	02/09/1994	Findings:	15.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/09/1994	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/14/1994	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/22/1996	Findings:	380.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/22/1996	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	01/22/1996	Findings:	144.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	01/22/1996	Findings:	175.700 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/22/1996	Findings:	178.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	01/22/1996	Findings:	49.700 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/22/1996	Findings:	10.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/22/1996	Findings:	9.300 MG/L
Chemical:	SODIUM		
Sample Collected:	01/22/1996	Findings:	1.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/22/1996	Findings:	5.900 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/22/1996	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/22/1996	Findings:	208.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/22/1996	Findings:	18.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/27/1996	Findings:	.250 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/27/1996	Findings:	56.000 UG/L
Chemical:	ALUMINUM		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/27/1996	Findings:	21.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/27/1996	Findings:	4700.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	11/27/1996	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/04/1996	Findings:	14.400 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/04/1996	Findings:	7.990
Chemical:	PH (LABORATORY)		
Sample Collected:	12/04/1996	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/19/1997	Findings:	22.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/05/1997	Findings:	2.860 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/05/1997	Findings:	1.060 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/09/1997	Findings:	2.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/09/1997	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/09/1997	Findings:	23.400 MG/L
Chemical:	NITRATE (AS NO3)		

A3  
South  
1/2 - 1 Mile  
Lower

CA WELLS 1113

**Water System Information:**

Prime Station Code:	01S/08W-04B03 S	User ID:	MET
FRDS Number:	1910024017	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340700.0 1174300.0	Precision:	Undefined
Source Name:	INDIAN HILL WELL 03		
System Number:	1910024		
System Name:	SCWC - CLAREMONT		
Organization That Operates System:	P.O. BOX 9016 SAN DIMAS, CA 91773		
Pop Served:	34028	Connections:	10187
Area Served:	CLAREMONT		

**Sample Information: \* Only Findings Above Detection Level Are Listed**

Sample Collected:	06/18/1986	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/18/1986	Findings:	.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/14/1989	Findings:	7.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/14/1989	Findings:	1.200 UG/L
Chemical:	TRICHLOROETHYLENE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/04/1989	Findings:	3.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/04/1989	Findings:	3.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/03/1990	Findings:	2.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/03/1990	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/24/1990	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	08/24/1990	Findings:	670.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/24/1990	Findings:	7.620
Chemical:	PH (LABORATORY)		
Sample Collected:	08/24/1990	Findings:	182.400 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/24/1990	Findings:	222.500 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/24/1990	Findings:	291.600 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/24/1990	Findings:	58.800 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/24/1990	Findings:	35.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/24/1990	Findings:	19.100 MG/L
Chemical:	SODIUM		
Sample Collected:	08/24/1990	Findings:	1.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/24/1990	Findings:	29.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/24/1990	Findings:	.500 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/24/1990	Findings:	388.600 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/24/1990	Findings:	51.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/24/1990	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/30/1990	Findings:	3.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/30/1990	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/19/1991	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/01/1991	Findings:	2.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/01/1991	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/01/1991	Findings:	1.200 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/07/1991	Findings:	2.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/07/1991	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/05/1992	Findings:	16.670 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	02/05/1992	Findings:	650.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/05/1992	Findings:	7.600
Chemical:	FIELD PH		
Sample Collected:	02/05/1992	Findings:	7.600
Chemical:	PH (LABORATORY)		
Sample Collected:	02/05/1992	Findings:	170.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )		
Sample Collected:	02/05/1992	Findings:	207.400 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/05/1992	Findings:	288.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	02/05/1992	Findings:	89.700 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/05/1992	Findings:	15.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/05/1992	Findings:	20.700 MG/L
Chemical:	SODIUM		
Sample Collected:	02/05/1992	Findings:	1.400 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/05/1992	Findings:	27.900 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/05/1992	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/05/1992	Findings:	358.200 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/05/1992	Findings:	.920
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	02/05/1992	Findings:	.140
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/05/1992	Findings:	57.400 MG/L
Chemical:	NITRATE (AS NO <sub>3</sub> )		
Sample Collected:	02/05/1992	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/05/1992	Findings:	12.180
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	02/05/1992	Findings:	16.670 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	02/05/1992	Findings:	650.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/05/1992	Findings:	7.600
Chemical:	FIELD PH		
Sample Collected:	02/05/1992	Findings:	7.600
Chemical:	PH (LABORATORY)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/05/1992	Findings:	170.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )		
Sample Collected:	02/05/1992	Findings:	207.400 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/05/1992	Findings:	288.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	02/05/1992	Findings:	89.700 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/05/1992	Findings:	15.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/05/1992	Findings:	20.700 MG/L
Chemical:	SODIUM		
Sample Collected:	02/05/1992	Findings:	1.400 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/05/1992	Findings:	27.900 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/05/1992	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/05/1992	Findings:	358.200 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/05/1992	Findings:	.920
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	02/05/1992	Findings:	.140
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/05/1992	Findings:	57.400 MG/L
Chemical:	NITRATE (AS NO <sub>3</sub> )		
Sample Collected:	02/05/1992	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/05/1992	Findings:	12.180
Chemical:	AGGRSSIVE INDEX (CORROSIVTY)		
Sample Collected:	02/02/1994	Findings:	39.000 MG/L
Chemical:	NITRATE (AS NO <sub>3</sub> )		
Sample Collected:	11/02/1994	Findings:	2.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/02/1994	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/13/1994	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/22/1996	Findings:	540.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/22/1996	Findings:	7.600
Chemical:	PH (LABORATORY)		
Sample Collected:	01/22/1996	Findings:	183.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )		
Sample Collected:	01/22/1996	Findings:	223.500 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/22/1996	Findings:	244.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	01/22/1996	Findings:	75.300 MG/L
Chemical:	CALCIUM		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/22/1996	Findings:	13.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/22/1996	Findings:	16.400 MG/L
Chemical:	SODIUM		
Sample Collected:	01/22/1996	Findings:	1.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/22/1996	Findings:	15.700 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/22/1996	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/22/1996	Findings:	309.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/22/1996	Findings:	32.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/27/1996	Findings:	.220 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/27/1996	Findings:	36.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/27/1996	Findings:	8100.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/24/1996	Findings:	3.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/24/1996	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/27/1996	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/27/1996	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/27/1996	Findings:	44.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/04/1996	Findings:	21.100 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/04/1996	Findings:	7.880
Chemical:	PH (LABORATORY)		
Sample Collected:	12/04/1996	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/18/1997	Findings:	41.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/05/1997	Findings:	44.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/05/1997	Findings:	4.360 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/05/1997	Findings:	1.540 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/05/1997	Findings:	2.110 PCI/L
Chemical:	URANIUM		
Sample Collected:	03/05/1997	Findings:	.650 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	03/05/1997	Findings:	4.360 PCI/L
Chemical:	GROSS ALPHA		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/05/1997	Findings:	1.540 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/12/1997	Findings:	44.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/19/1997	Findings:	41.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/02/1997	Findings:	46.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/09/1997	Findings:	44.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/16/1997	Findings:	41.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/23/1997	Findings:	45.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/30/1997	Findings:	47.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/07/1997	Findings:	44.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/13/1997	Findings:	47.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/21/1997	Findings:	44.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/28/1997	Findings:	39.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/04/1997	Findings:	42.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/11/1997	Findings:	44.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/17/1997	Findings:	46.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/25/1997	Findings:	43.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/02/1997	Findings:	44.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/08/1997	Findings:	2.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/08/1997	Findings:	2.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/08/1997	Findings:	2.300 PCI/L
Chemical:	URANIUM		
Sample Collected:	07/08/1997	Findings:	43.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/08/1997	Findings:	.800 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	07/09/1997	Findings:	43.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/16/1997	Findings:	44.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/23/1997	Findings:	42.400 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/30/1997	Findings:	43.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/06/1997	Findings:	44.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/13/1997	Findings:	42.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/21/1997	Findings:	43.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/27/1997	Findings:	42.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/02/1997	Findings:	44.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/10/1997	Findings:	44.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/17/1997	Findings:	41.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/24/1997	Findings:	41.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/01/1997	Findings:	41.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/07/1997	Findings:	44.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/15/1997	Findings:	42.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/22/1997	Findings:	41.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/29/1997	Findings:	43.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/05/1997	Findings:	41.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/13/1997	Findings:	44.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/19/1997	Findings:	44.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/26/1997	Findings:	40.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/03/1997	Findings:	40.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/24/1997	Findings:	38.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/31/1997	Findings:	43.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/07/1998	Findings:	43.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/21/1998	Findings:	42.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/28/1998	Findings:	42.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/04/1998	Findings:	32.700 MG/L
Chemical:	NITRATE (AS NO3)		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**A4**  
South  
1/2 - 1 Mile  
Lower

CA WELLS      1112

**Water System Information:**

Prime Station Code:	01S/08W-04B02 S	User ID:	MET
FRDS Number:	1910024016	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Abandoned
Source Lat/Long:	340700.0 1174300.0	Precision:	Undefined
Source Name:	INDIAN HILL WELL 01 - ABANDONED		
System Number:	1910024		
System Name:	SCWC - CLAREMONT		
Organization That Operates System:	P.O. BOX 9016 SAN DIMAS, CA 91773		
Pop Served:	34028	Connections:	10187
Area Served:	CLAREMONT		

**A5**  
South  
1/2 - 1 Mile  
Lower

CA WELLS      1104

**Water System Information:**

Prime Station Code:	01S/08W-03D01 S	User ID:	MET
FRDS Number:	1910024006	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340700.0 1174300.0	Precision:	Undefined
Source Name:	COLLEGE WELL 01		
System Number:	1910024		
System Name:	SCWC - CLAREMONT		
Organization That Operates System:	P.O. BOX 9016 SAN DIMAS, CA 91773		
Pop Served:	34028	Connections:	10187
Area Served:	CLAREMONT		

**Sample Information: \* Only Findings Above Detection Level Are Listed**

Sample Collected:	06/18/1986	Findings:	.300 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/21/1989	Findings:	9.400 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	03/21/1989	Findings:	400.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/21/1989	Findings:	7.520
Chemical:	FIELD PH		
Sample Collected:	03/21/1989	Findings:	7.520
Chemical:	PH (LABORATORY)		
Sample Collected:	03/21/1989	Findings:	147.700 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	03/21/1989	Findings:	180.100 MG/L
Chemical:	BICARBONATE ALKALINITY		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/21/1989	Findings:	170.400 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	03/21/1989	Findings:	52.700 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/21/1989	Findings:	9.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/21/1989	Findings:	7.300 MG/L
Chemical:	SODIUM		
Sample Collected:	03/21/1989	Findings:	2.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/21/1989	Findings:	3.300 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/21/1989	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/21/1989	Findings:	.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/21/1989	Findings:	248.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/21/1989	Findings:	.580
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	03/21/1989	Findings:	-.370
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	03/21/1989	Findings:	9.000 MG/L
Chemical:	NITRATE (AS NO <sub>3</sub> )		
Sample Collected:	03/21/1989	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/21/1989	Findings:	11.800
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	10/04/1989	Findings:	1.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/04/1989	Findings:	1.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/24/1990	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/29/1990	Findings:	.060 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	07/11/1990	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/11/1990	Findings:	.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/30/1990	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/30/1990	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/08/1991	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/08/1991	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/08/1991	Findings:	1.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/14/1991	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/12/1992	Findings:	18.330 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	02/12/1992	Findings:	370.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/12/1992	Findings:	7.700
Chemical:	FIELD PH		
Sample Collected:	02/12/1992	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	02/12/1992	Findings:	152.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )		
Sample Collected:	02/12/1992	Findings:	185.400 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/12/1992	Findings:	182.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	02/12/1992	Findings:	52.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/12/1992	Findings:	12.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/12/1992	Findings:	6.400 MG/L
Chemical:	SODIUM		
Sample Collected:	02/12/1992	Findings:	1.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/12/1992	Findings:	7.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/12/1992	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/12/1992	Findings:	184.900 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/12/1992	Findings:	.780
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	02/12/1992	Findings:	.040
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/12/1992	Findings:	5.600 MG/L
Chemical:	NITRATE (AS NO <sub>3</sub> )		
Sample Collected:	02/12/1992	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/12/1992	Findings:	12.000
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	02/09/1994	Findings:	15.200 MG/L
Chemical:	NITRATE (AS NO <sub>3</sub> )		
Sample Collected:	11/09/1994	Findings:	2.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/09/1994	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/13/1994	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/13/1994	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/22/1996	Findings:	320.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/22/1996	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	01/22/1996	Findings:	136.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )		
Sample Collected:	01/22/1996	Findings:	165.900 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/22/1996	Findings:	158.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	01/22/1996	Findings:	47.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/22/1996	Findings:	8.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/22/1996	Findings:	7.400 MG/L
Chemical:	SODIUM		
Sample Collected:	01/22/1996	Findings:	1.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/22/1996	Findings:	1.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/22/1996	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/22/1996	Findings:	174.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/22/1996	Findings:	4.800 MG/L
Chemical:	NITRATE (AS NO <sub>3</sub> )		
Sample Collected:	02/27/1996	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/27/1996	Findings:	4.300 MG/L
Chemical:	NITRATE (AS NO <sub>3</sub> )		
Sample Collected:	02/27/1996	Findings:	970.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/23/1996	Findings:	1.500 PCU/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/23/1996	Findings:	1.500 PCU/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/27/1996	Findings:	1.300 PCU/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/27/1996	Findings:	1.100 PCU/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/04/1996	Findings:	12.800 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/04/1996	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	12/04/1996	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/12/1997	Findings:	4.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/12/1997	Findings:	4.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/19/1997	Findings:	4.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/26/1997	Findings:	1.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/26/1997	Findings:	1.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/05/1997	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/05/1997	Findings:	.520 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/09/1997	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/09/1997	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/09/1997	Findings:	4.760 MG/L
Chemical:	NITRATE (AS NO3)		

B6  
SSE  
1/2 - 1 Mile  
Lower

CA WELLS 14316

**Water System Information:**

Prime Station Code:	1910126-042	User ID:	MET
FRDS Number:	1910126042	County:	Los Angeles
District Number:	15	Station Type:	COMP/STREAM/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Surface Water	Well Status:	Combined Treated
Source Lat/Long:	340659.2 1174237.1	Precision:	1,000 Feet (10 Seconds)
Source Name:	PEDLEY FILTRATION PLANT - TREATED		
System Number:	1910126		
System Name:	POMONA-CITY, WATER DEPT.		
Organization That Operates System:	P O BOX 660 POMONA, CA 91769		
Pop Served:	131723	Connections:	27808
Area Served:	POMONA		

**Sample Information: \* Only Findings Above Detection Level Are Listed**

Sample Collected:	09/13/1994	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/13/1994	Findings:	2.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/13/1994	Findings:	1.200 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	12/08/1994	Findings:	306.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	12/08/1994	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	12/08/1994	Findings:	131.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	12/08/1994	Findings:	160.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	12/08/1994	Findings:	143.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/08/1994	Findings:	43.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	12/08/1994	Findings:	8.960 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	12/08/1994	Findings:	5.340 MG/L
Chemical:	SODIUM		
Sample Collected:	12/08/1994	Findings:	1.550 MG/L
Chemical:	POTASSIUM		
Sample Collected:	12/08/1994	Findings:	1.500 MG/L
Chemical:	CHLORIDE		
Sample Collected:	12/08/1994	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	12/08/1994	Findings:	168.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/21/1996	Findings:	2.700 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	05/21/1996	Findings:	11.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/21/1996	Findings:	13.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/21/1998	Findings:	142.000 UG/L
Chemical:	ALUMINUM		

B7  
SSE  
1/2 - 1 Mile  
Lower

CA WELLS 14322

**Water System Information:**

Prime Station Code:	1910126-048	User ID:	MET
FRDS Number:	1910126048	County:	Los Angeles
District Number:	15	Station Type:	COMP/STREAM/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Surface Water	Well Status:	Active Raw
Source Lat/Long:	340659.2 1174237.1	Precision:	1,000 Feet (10 Seconds)
Source Name:	PEDLEY FILTRATION PLANT - RAW		
System Number:	1910126		
System Name:	POMONA-CITY, WATER DEPT.		
Organization That Operates System:	P O BOX 660 POMONA, CA 91769		
Pop Served:	131723	Connections:	27808
Area Served:	POMONA		

**Sample Information: \* Only Findings Above Detection Level Are Listed**

Sample Collected:	10/11/1993	Findings:	260.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/11/1993	Findings:	7.850
Chemical:	PH (LABORATORY)		
Sample Collected:	10/11/1993	Findings:	131.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/11/1993	Findings:	160.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/11/1993	Findings:	138.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/11/1993	Findings:	43.800 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/11/1993	Findings:	8.560 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/11/1993	Findings:	4.850 MG/L
Chemical:	SODIUM		
Sample Collected:	10/11/1993	Findings:	1.710 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/11/1993	Findings:	1.350 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/11/1993	Findings:	.570 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/11/1993	Findings:	148.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/11/1993	Findings:	2.120 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/19/1995	Findings:	2.320 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/21/1995	Findings:	283.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/21/1995	Findings:	8.150
Chemical:	PH (LABORATORY)		
Sample Collected:	07/21/1995	Findings:	139.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/21/1995	Findings:	170.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/21/1995	Findings:	142.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	07/21/1995	Findings:	43.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/21/1995	Findings:	9.620 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/21/1995	Findings:	6.000 MG/L
Chemical:	SODIUM		
Sample Collected:	07/21/1995	Findings:	1.710 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/21/1995	Findings:	1.660 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/21/1995	Findings:	.450 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/21/1995	Findings:	2.870 UG/L
Chemical:	ARSENIC		
Sample Collected:	07/21/1995	Findings:	180.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/21/1995	Findings:	2.030 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/26/1995	Findings:	1.000 PCI/L
Chemical:	STRONTIUM-90 COUNTING ERROR		
Sample Collected:	12/26/1995	Findings:	- 164.000 PCI/L
Chemical:	TRITIUM		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/26/1995	Findings:	330.000 PCI/L
Chemical:	TRITIUM COUNTING ERROR		
Sample Collected:	11/26/1996	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	11/26/1996	Findings:	324.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	11/26/1996	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	11/26/1996	Findings:	141.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )		
Sample Collected:	11/26/1996	Findings:	172.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	11/26/1996	Findings:	165.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	11/26/1996	Findings:	48.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	11/26/1996	Findings:	11.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	11/26/1996	Findings:	5.620 MG/L
Chemical:	SODIUM		
Sample Collected:	11/26/1996	Findings:	1.830 MG/L
Chemical:	POTASSIUM		
Sample Collected:	11/26/1996	Findings:	1.630 MG/L
Chemical:	CHLORIDE		
Sample Collected:	11/26/1996	Findings:	.340 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	11/26/1996	Findings:	194.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	11/26/1996	Findings:	.110 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	11/26/1996	Findings:	.360 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	11/04/1997	Findings:	4.230 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/04/1997	Findings:	2.990 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/04/1997	Findings:	318.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	11/04/1997	Findings:	8.100
Chemical:	PH (LABORATORY)		
Sample Collected:	11/04/1997	Findings:	145.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )		
Sample Collected:	11/04/1997	Findings:	177.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	11/04/1997	Findings:	164.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	11/04/1997	Findings:	49.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	11/04/1997	Findings:	9.990 MG/L
Chemical:	MAGNESIUM		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/04/1997	Findings:	5.730 MG/L
Chemical:	SODIUM		
Sample Collected:	11/04/1997	Findings:	1.080 MG/L
Chemical:	POTASSIUM		
Sample Collected:	11/04/1997	Findings:	1.730 MG/L
Chemical:	CHLORIDE		
Sample Collected:	11/04/1997	Findings:	.350 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	11/04/1997	Findings:	196.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	11/04/1997	Findings:	.390 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	12/10/1997	Findings:	3.090 MG/L
Chemical:	NITRATE (AS NO3)		

8  
East  
1/2 - 1 Mile  
Higher

CA WELLS 350

**Water System Information:**

Prime Station Code:	01N/08W-34H01 S	User ID:	MET
FRDS Number:	1910024022	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340750.0 1174200.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	MIRAMAR WELL 05		
System Number:	1910024		
System Name:	SCWC - CLAREMONT		
Organization That Operates System:	P.O. BOX 9016		
	SAN DIMAS, CA 91773		
Pop Served:	34028	Connections:	10187
Area Served:	CLAREMONT		

**Sample Information: \* Only Findings Above Detection Level Are Listed**

Sample Collected:	08/15/1988	Findings:	.040 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	03/21/1989	Findings:	10.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	03/21/1989	Findings:	400.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/21/1989	Findings:	7.410
Chemical:	FIELD PH		
Sample Collected:	03/21/1989	Findings:	7.410
Chemical:	PH (LABORATORY)		
Sample Collected:	03/21/1989	Findings:	129.700 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	03/21/1989	Findings:	158.300 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/21/1989	Findings:	183.200 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	03/21/1989	Findings:	50.600 MG/L
Chemical:	CALCIUM		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/21/1989	Findings:	13.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/21/1989	Findings:	6.600 MG/L
Chemical:	SODIUM		
Sample Collected:	03/21/1989	Findings:	2.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/21/1989	Findings:	4.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/21/1989	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/21/1989	Findings:	.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/21/1989	Findings:	236.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/21/1989	Findings:	.390
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	03/21/1989	Findings:	.550
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	03/21/1989	Findings:	22.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/21/1989	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/21/1989	Findings:	11.600
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	10/04/1989	Findings:	.050 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	02/28/1990	Findings:	.037 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	03/21/1990	Findings:	.050 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	03/28/1990	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	03/30/1990	Findings:	.070 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	04/24/1990	Findings:	.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/27/1990	Findings:	.060 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	07/18/1990	Findings:	.050 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	08/15/1990	Findings:	.030 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	10/17/1990	Findings:	.050 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	11/21/1990	Findings:	.040 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	12/30/1990	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/30/1990	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/16/1991	Findings:	.030 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	02/19/1991	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/19/1991	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/20/1991	Findings:	.050 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	04/18/1991	Findings:	.070 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	05/15/1991	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/15/1991	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/15/1991	Findings:	1.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	05/15/1991	Findings:	.040 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	06/19/1991	Findings:	.040 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	07/17/1991	Findings:	.040 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	08/21/1991	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/21/1991	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/21/1991	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	12/18/1991	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	01/22/1992	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	02/19/1992	Findings:	18.330 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	02/19/1992	Findings:	410.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/19/1992	Findings:	7.700
Chemical:	FIELD PH		
Sample Collected:	02/19/1992	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	02/19/1992	Findings:	142.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )		
Sample Collected:	02/19/1992	Findings:	173.200 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/19/1992	Findings:	190.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	02/19/1992	Findings:	53.700 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/19/1992	Findings:	13.600 MG/L
Chemical:	MAGNESIUM		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/19/1992	Findings:	5.900 MG/L
Chemical:	SODIUM		
Sample Collected:	02/19/1992	Findings:	1.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/19/1992	Findings:	8.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/19/1992	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/19/1992	Findings:	204.300 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/19/1992	Findings:	.750
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	02/19/1992	Findings:	.010
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/19/1992	Findings:	25.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/19/1992	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/19/1992	Findings:	11.980
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	02/19/1992	Findings:	18.330 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	02/19/1992	Findings:	410.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/19/1992	Findings:	7.700
Chemical:	FIELD PH		
Sample Collected:	02/19/1992	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	02/19/1992	Findings:	142.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	02/19/1992	Findings:	173.200 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/19/1992	Findings:	190.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	02/19/1992	Findings:	53.700 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/19/1992	Findings:	13.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/19/1992	Findings:	5.900 MG/L
Chemical:	SODIUM		
Sample Collected:	02/19/1992	Findings:	1.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/19/1992	Findings:	8.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/19/1992	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/19/1992	Findings:	204.300 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/19/1992	Findings:	.750
Chemical:	LANGELIER INDEX @ 60 C		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/19/1992	Findings:	.010
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/19/1992	Findings:	25.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/19/1992	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/19/1992	Findings:	11.980
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	03/18/1992	Findings:	.030 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	02/17/1993	Findings:	.090 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	02/16/1994	Findings:	4.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/16/1994	Findings:	.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/13/1994	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/13/1994	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/18/1995	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	03/15/1995	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	12/20/1995	Findings:	300.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	12/20/1995	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	12/20/1995	Findings:	132.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	12/20/1995	Findings:	161.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	12/20/1995	Findings:	148.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	12/20/1995	Findings:	43.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	12/20/1995	Findings:	9.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	12/20/1995	Findings:	7.400 MG/L
Chemical:	SODIUM		
Sample Collected:	12/20/1995	Findings:	1.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	12/20/1995	Findings:	3.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	12/20/1995	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	12/20/1995	Findings:	165.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/20/1995	Findings:	3.200 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/27/1996	Findings:	.170 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/27/1996	Findings:	2.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/27/1996	Findings:	630.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/23/1996	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/23/1996	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/04/1996	Findings:	12.200 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/04/1996	Findings:	8.020
Chemical:	PH (LABORATORY)		
Sample Collected:	12/04/1996	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/19/1997	Findings:	4.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/05/1997	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/05/1997	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/08/1997	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/08/1997	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/08/1997	Findings:	6.190 MG/L
Chemical:	NITRATE (AS NO3)		

9  
ESE  
1/2 - 1 Mile  
Higher

CA WELLS 352

**Water System Information:**

Prime Station Code:	01N/08W-34R01 S	User ID:	MET
FRDS Number:	1910024019	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340730.0 1174200.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	MARLBORO WELL		
System Number:	1910024		
System Name:	SCWC - CLAREMONT		
Organization That Operates System:	P.O. BOX 9016		
	SAN DIMAS, CA 91773		
Pop Served:	34028	Connections:	10187
Area Served:	CLAREMONT		

**Sample Information: \* Only Findings Above Detection Level Are Listed**

Sample Collected:	06/18/1986	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/18/1986	Findings:	.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/15/1986	Findings:	4.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/15/1986	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/21/1989	Findings:	12.200 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	03/21/1989	Findings:	440.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/21/1989	Findings:	7.510
Chemical:	FIELD PH		
Sample Collected:	03/21/1989	Findings:	7.510
Chemical:	PH (LABORATORY)		
Sample Collected:	03/21/1989	Findings:	146.700 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )		
Sample Collected:	03/21/1989	Findings:	179.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/21/1989	Findings:	156.400 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	03/21/1989	Findings:	48.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/21/1989	Findings:	8.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/21/1989	Findings:	28.400 MG/L
Chemical:	SODIUM		
Sample Collected:	03/21/1989	Findings:	1.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/21/1989	Findings:	4.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/21/1989	Findings:	.600 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/21/1989	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/21/1989	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/21/1989	Findings:	272.800 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/21/1989	Findings:	.520
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	03/21/1989	Findings:	-.360
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	03/21/1989	Findings:	39.800 MG/L
Chemical:	NITRATE (AS NO <sub>3</sub> )		
Sample Collected:	03/21/1989	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/21/1989	Findings:	11.800
Chemical:	AGGRESSIVE INDEX (CORROSIVITY)		
Sample Collected:	06/26/1989	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	10/04/1989	Findings:	2.600 UG/L
Chemical:	CHLOROFORM (THM)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/04/1989	Findings:	2.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/04/1989	Findings:	.040 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	04/24/1990	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/20/1990	Findings:	.065 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	07/03/1990	Findings:	.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/30/1990	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/30/1990	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/06/1991	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	02/19/1991	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/19/1991	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/01/1991	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/01/1991	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/01/1991	Findings:	.900 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	08/07/1991	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/07/1991	Findings:	.030 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	02/05/1992	Findings:	16.670 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	02/05/1992	Findings:	420.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/05/1992	Findings:	7.800
Chemical:	FIELD PH		
Sample Collected:	02/05/1992	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	02/05/1992	Findings:	140.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )		
Sample Collected:	02/05/1992	Findings:	170.800 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/05/1992	Findings:	172.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	02/05/1992	Findings:	53.700 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/05/1992	Findings:	9.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/05/1992	Findings:	17.600 MG/L
Chemical:	SODIUM		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/05/1992	Findings:	1.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/05/1992	Findings:	8.500 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/05/1992	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/05/1992	Findings:	225.500 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/05/1992	Findings:	.840
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	02/05/1992	Findings:	.060
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/05/1992	Findings:	33.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/05/1992	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/05/1992	Findings:	12.070
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	02/05/1992	Findings:	16.670 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	02/05/1992	Findings:	420.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/05/1992	Findings:	7.800
Chemical:	FIELD PH		
Sample Collected:	02/05/1992	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	02/05/1992	Findings:	140.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	02/05/1992	Findings:	170.800 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/05/1992	Findings:	172.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	02/05/1992	Findings:	53.700 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/05/1992	Findings:	9.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/05/1992	Findings:	17.600 MG/L
Chemical:	SODIUM		
Sample Collected:	02/05/1992	Findings:	1.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/05/1992	Findings:	8.500 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/05/1992	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/05/1992	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	02/05/1992	Findings:	225.500 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/05/1992	Findings:	.840
Chemical:	LANGELIER INDEX @ 60 C		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/05/1992	Findings:	.060
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/05/1992	Findings:	33.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/05/1992	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/05/1992	Findings:	12.070
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	08/05/1992	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	02/02/1994	Findings:	32.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/02/1994	Findings:	3.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/02/1994	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/13/1994	Findings:	3.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/13/1994	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/13/1994	Findings:	3.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	06/26/1995	Findings:	.030 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	01/22/1996	Findings:	410.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/22/1996	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	01/22/1996	Findings:	144.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	01/22/1996	Findings:	175.700 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/22/1996	Findings:	172.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	01/22/1996	Findings:	53.700 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/22/1996	Findings:	8.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/22/1996	Findings:	20.000 MG/L
Chemical:	SODIUM		
Sample Collected:	01/22/1996	Findings:	1.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/22/1996	Findings:	6.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/22/1996	Findings:	.500 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/22/1996	Findings:	236.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/22/1996	Findings:	28.400 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/27/1996	Findings:	.320 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/27/1996	Findings:	56.000 UG/L
Chemical:	ALUMINUM		
Sample Collected:	02/27/1996	Findings:	32.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/27/1996	Findings:	7200.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/23/1996	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/23/1996	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/27/1996	Findings:	2.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/27/1996	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/27/1996	Findings:	31.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/04/1996	Findings:	15.600 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/04/1996	Findings:	7.970
Chemical:	PH (LABORATORY)		
Sample Collected:	12/04/1996	Findings:	1.800 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/19/1997	Findings:	28.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/05/1997	Findings:	3.650 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/05/1997	Findings:	1.220 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/08/1997	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/08/1997	Findings:	28.000 MG/L
Chemical:	NITRATE (AS NO3)		

**B10**  
**SSE**  
 1/2 - 1 Mile  
 Lower

**CA WELLS 1107**

**Water System Information:**

Prime Station Code:	01S/08W-03F04 S	User ID:	MET
FRDS Number:	1910126036	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	340657.5 1174235.4	Precision:	1,000 Feet (10 Seconds)
Source Name:	TUNNEL WELL 02		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number: 1910126  
 System Name: POMONA-CITY, WATER DEPT.  
 Organization That Operates System:

P O BOX 660  
 POMONA, CA 91769

Pop Served: 131723  
 Area Served: POMONA

Connections: 27808

**Sample Information: \* Only Findings Above Detection Level Are Listed**

Sample Collected:	10/10/1989	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/10/1989	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/11/1993	Findings:	390.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/11/1993	Findings:	7.400
Chemical:	PH (LABORATORY)		
Sample Collected:	10/11/1993	Findings:	159.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )		
Sample Collected:	10/11/1993	Findings:	194.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/11/1993	Findings:	207.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	10/11/1993	Findings:	66.700 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/11/1993	Findings:	11.900 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/11/1993	Findings:	8.570 MG/L
Chemical:	SODIUM		
Sample Collected:	10/11/1993	Findings:	2.120 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/11/1993	Findings:	13.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/11/1993	Findings:	.490 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/11/1993	Findings:	61.000 UG/L
Chemical:	COPPER		
Sample Collected:	10/11/1993	Findings:	249.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/11/1993	Findings:	18.600 MG/L
Chemical:	NITRATE (AS NO <sub>3</sub> )		
Sample Collected:	10/13/1994	Findings:	16.900 MG/L
Chemical:	NITRATE (AS NO <sub>3</sub> )		
Sample Collected:	10/17/1994	Findings:	.880 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/06/1995	Findings:	14.300 MG/L
Chemical:	NITRATE (AS NO <sub>3</sub> )		
Sample Collected:	05/04/1995	Findings:	2.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/04/1995	Findings:	2.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/26/1995	Findings:	385.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/26/1995	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	06/26/1995	Findings:	155.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )		
Sample Collected:	06/26/1995	Findings:	189.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/26/1995	Findings:	.620 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	06/26/1995	Findings:	178.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	06/26/1995	Findings:	53.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/26/1995	Findings:	11.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/26/1995	Findings:	9.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/26/1995	Findings:	2.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/26/1995	Findings:	7.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/26/1995	Findings:	.330 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/26/1995	Findings:	11.000 UG/L
Chemical:	NICKEL		
Sample Collected:	06/26/1995	Findings:	230.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/26/1995	Findings:	.300
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	06/26/1995	Findings:	.009 MG/L
Chemical:	HYDROXIDE ALKALINITY		
Sample Collected:	06/26/1995	Findings:	13.200 MG/L
Chemical:	NITRATE (AS NO <sub>3</sub> )		
Sample Collected:	06/26/1995	Findings:	3000.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/20/1995	Findings:	1.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/21/1995	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/21/1995	Findings:	1.400 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/25/1995	Findings:	.880 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/25/1995	Findings:	.880 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11/01/1995	Findings:	.630 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	11/01/1995	Findings:	.630 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/25/1996	Findings:	2.600 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	01/25/1996	Findings:	1.400 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	01/25/1996	Findings:	15.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/25/1996	Findings:	19.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/03/1996	Findings:	1.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/03/1996	Findings:	1.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/02/1996	Findings:	.850 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/02/1996	Findings:	.850 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/01/1996	Findings:	5.100 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	10/01/1996	Findings:	4.400 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	10/01/1996	Findings:	1.800 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	10/01/1996	Findings:	9.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/01/1996	Findings:	20.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/09/1997	Findings:	.870 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/09/1997	Findings:	.870 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/09/1997	Findings:	11.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/04/1997	Findings:	2.000 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/04/1997	Findings:	2.650 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/04/1997	Findings:	374.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	11/04/1997	Findings:	7.670
Chemical:	PH (LABORATORY)		
Sample Collected:	11/04/1997	Findings:	154.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	11/04/1997	Findings:	188.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	11/04/1997	Findings:	185.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	11/04/1997	Findings:	55.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	11/04/1997	Findings:	11.500 MG/L
Chemical:	MAGNESIUM		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/04/1997	Findings:	9.250 MG/L
Chemical:	SODIUM		
Sample Collected:	11/04/1997	Findings:	1.740 MG/L
Chemical:	POTASSIUM		
Sample Collected:	11/04/1997	Findings:	7.070 MG/L
Chemical:	CHLORIDE		
Sample Collected:	11/04/1997	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	11/04/1997	Findings:	238.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	11/04/1997	Findings:	9.820 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/04/1997	Findings:	.340 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/27/1998	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/27/1998	Findings:	.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/09/1998	Findings:	9.710 MG/L
Chemical:	NITRATE (AS NO3)		

C11  
ENE  
1/2 - 1 Mile  
Higher

CA WELLS 1206

**Water System Information:**

Prime Station Code:	01S/08W-34A04 S	User ID:	MET
FRDS Number:	1910024001	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340800.0 1174200.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	ALAMOSA 02		
System Number:	1910024		
System Name:	SCWC - CLAREMONT		
Organization That Operates System:	P.O. BOX 9016 SAN DIMAS, CA 91773		
Pop Served:	34028	Connections:	10187
Area Served:	CLAREMONT		

**Sample Information: \* Only Findings Above Detection Level Are Listed**

Sample Collected:	08/09/1985	Findings:	.770 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	08/09/1985	Findings:	.770 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	10/02/1985	Findings:	.630 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	06/18/1986	Findings:	.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/14/1989	Findings:	.770 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	06/14/1989	Findings:	.770 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/04/1989	Findings:	.080 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	10/18/1989	Findings:	.061 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	01/10/1990	Findings:	.030 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	04/24/1990	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/11/1990	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/11/1990	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/11/1990	Findings:	.040 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	08/08/1990	Findings:	.040 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	08/24/1990	Findings:	400.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/24/1990	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	08/24/1990	Findings:	147.600 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )		
Sample Collected:	08/24/1990	Findings:	180.100 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/24/1990	Findings:	184.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	08/24/1990	Findings:	46.800 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/24/1990	Findings:	16.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/24/1990	Findings:	9.600 MG/L
Chemical:	SODIUM		
Sample Collected:	08/24/1990	Findings:	1.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/24/1990	Findings:	5.700 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/24/1990	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/24/1990	Findings:	232.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/24/1990	Findings:	23.800 MG/L
Chemical:	NITRATE (AS NO <sub>3</sub> )		
Sample Collected:	08/24/1990	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/10/1990	Findings:	.030 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	12/30/1990	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/30/1990	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/20/1991	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/20/1991	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/28/1991	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	04/10/1991	Findings:	.030 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	05/08/1991 /	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/08/1991	Findings:	1.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	05/08/1991	Findings:	.030 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	08/14/1991	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/14/1991	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/11/1991	Findings:	.030 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	02/12/1992	Findings:	18.330 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	02/12/1992	Findings:	400.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/12/1992	Findings:	7.600
Chemical:	FIELD PH		
Sample Collected:	02/12/1992	Findings:	7.600
Chemical:	PH (LABORATORY)		
Sample Collected:	02/12/1992	Findings:	140.800 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )		
Sample Collected:	02/12/1992	Findings:	171.800 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/12/1992	Findings:	182.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	02/12/1992	Findings:	58.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/12/1992	Findings:	8.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/12/1992	Findings:	9.600 MG/L
Chemical:	SODIUM		
Sample Collected:	02/12/1992	Findings:	1.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/12/1992	Findings:	8.700 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/12/1992	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/12/1992	Findings:	210.500 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/12/1992	Findings:	.680
Chemical:	LANGELIER INDEX @ 60 C		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/12/1992	Findings:	-.060
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/12/1992	Findings:	26.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/12/1992	Findings:	.900 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/12/1992	Findings:	11.910
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	07/08/1992	Findings:	.080 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	09/09/1992	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	04/28/1993	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	10/13/1993	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	02/09/1994	Findings:	20.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/08/1995	Findings:	12.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/22/1996	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/10/1996	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	07/23/1996	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/23/1996	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/04/1996	Findings:	15.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/04/1996	Findings:	430.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	12/04/1996	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	12/04/1996	Findings:	153.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	12/04/1996	Findings:	167.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	12/04/1996	Findings:	182.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	12/04/1996	Findings:	55.700 MG/L
Chemical:	CALCIUM		
Sample Collected:	12/04/1996	Findings:	12.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	12/04/1996	Findings:	8.400 MG/L
Chemical:	SODIUM		
Sample Collected:	12/04/1996	Findings:	6.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	12/04/1996	Findings:	.220 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/04/1996	Findings:	2.100 UG/L
Chemical:	ARSENIC		
Sample Collected:	12/04/1996	Findings:	231.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/04/1996	Findings:	28.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/04/1996	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/04/1996	Findings:	6410.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	02/19/1997	Findings:	6.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/19/1997	Findings:	26.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/19/1997	Findings:	6.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/05/1997	Findings:	1.210 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/09/1997	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/09/1997	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/09/1997	Findings:	21.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/13/1997	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		

C12  
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Higher

CA WELLS 348

**Water System Information:**

Prime Station Code:	01N/08W-34A01 S	User ID:	MET
FRDS Number:	1910024024	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	340806.0 1174201.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	POMELLO WELL 01		
System Number:	1910024		
System Name:	SCWC - CLAREMONT		
Organization That Operates System:	P.O. BOX 9016		
	SAN DIMAS, CA 91773		
Pop Served:	34028	Connections:	10187
Area Served:	CLAREMONT		

**Sample Information: \* Only Findings Above Detection Level Are Listed**

Sample Collected:	03/28/1990	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	03/30/1990	Findings:	.030 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	04/24/1990	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/24/1990	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/23/1990	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	06/20/1990	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	06/20/1990	Findings:	420.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/20/1990	Findings:	7.720
Chemical:	PH (LABORATORY)		
Sample Collected:	06/20/1990	Findings:	143.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )		
Sample Collected:	06/20/1990	Findings:	174.700 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/20/1990	Findings:	190.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	06/20/1990	Findings:	57.800 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/20/1990	Findings:	11.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/20/1990	Findings:	12.400 MG/L
Chemical:	SODIUM		
Sample Collected:	06/20/1990	Findings:	1.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/20/1990	Findings:	8.500 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/20/1990	Findings:	.500 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/20/1990	Findings:	252.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/20/1990	Findings:	30.400 MG/L
Chemical:	NITRATE (AS NO <sub>3</sub> )		
Sample Collected:	06/20/1990	Findings:	.900 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/20/1990	Findings:	.029 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	06/27/1990	Findings:	.050 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	07/18/1990	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/18/1990	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/15/1990	Findings:	.350 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	09/12/1990	Findings:	.040 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	10/17/1990	Findings:	.030 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	12/30/1990	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/20/1991	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/18/1991	Findings:	.040 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	05/15/1991	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/15/1991	Findings:	1.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	05/15/1991	Findings:	.040 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	07/17/1991	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	08/21/1991	Findings:	2.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/21/1991	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/21/1991	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	02/19/1992	Findings:	18.330 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	02/19/1992	Findings:	5.000 UNITS
Chemical:	COLOR		
Sample Collected:	02/19/1992	Findings:	460.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/19/1992	Findings:	7.500
Chemical:	FIELD PH		
Sample Collected:	02/19/1992	Findings:	7.500
Chemical:	PH (LABORATORY)		
Sample Collected:	02/19/1992	Findings:	154.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )		
Sample Collected:	02/19/1992	Findings:	187.900 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/19/1992	Findings:	198.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	02/19/1992	Findings:	56.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/19/1992	Findings:	14.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/19/1992	Findings:	15.700 MG/L
Chemical:	SODIUM		
Sample Collected:	02/19/1992	Findings:	1.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/19/1992	Findings:	9.300 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/19/1992	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/19/1992	Findings:	175.000 UG/L
Chemical:	IRON		
Sample Collected:	02/19/1992	Findings:	100.000 UG/L
Chemical:	ZINC		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/19/1992	Findings:	234.700 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/19/1992	Findings:	.600
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	02/19/1992	Findings:	-.140
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/19/1992	Findings:	24.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/19/1992	Findings:	2.600 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/19/1992	Findings:	11.830
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	02/19/1992	Findings:	18.330 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	02/19/1992	Findings:	5.000 UNITS
Chemical:	COLOR		
Sample Collected:	02/19/1992	Findings:	460.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/19/1992	Findings:	7.500
Chemical:	FIELD PH		
Sample Collected:	02/19/1992	Findings:	7.500
Chemical:	PH (LABORATORY)		
Sample Collected:	02/19/1992	Findings:	154.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	02/19/1992	Findings:	187.900 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/19/1992	Findings:	198.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	02/19/1992	Findings:	56.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/19/1992	Findings:	14.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/19/1992	Findings:	15.700 MG/L
Chemical:	SODIUM		
Sample Collected:	02/19/1992	Findings:	1.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/19/1992	Findings:	9.300 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/19/1992	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/19/1992	Findings:	175.000 UG/L
Chemical:	IRON		
Sample Collected:	02/19/1992	Findings:	100.000 UG/L
Chemical:	ZINC		
Sample Collected:	02/19/1992	Findings:	234.700 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/19/1992	Findings:	.800
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	02/19/1992	Findings:	-.140
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/19/1992	Findings:	24.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/19/1992	Findings:	2.600 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/19/1992	Findings:	11.830
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	05/20/1992	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	11/18/1992	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	06/16/1993	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	02/16/1994	Findings:	9.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/08/1995	Findings:	36.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/20/1995	Findings:	350.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	12/20/1995	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	12/20/1995	Findings:	142.400 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	12/20/1995	Findings:	173.700 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	12/20/1995	Findings:	164.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	12/20/1995	Findings:	49.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	12/20/1995	Findings:	9.900 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	12/20/1995	Findings:	11.200 MG/L
Chemical:	SODIUM		
Sample Collected:	12/20/1995	Findings:	1.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	12/20/1995	Findings:	6.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	12/20/1995	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	12/20/1995	Findings:	194.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/20/1995	Findings:	7.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/26/1996	Findings:	.270 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/26/1996	Findings:	13.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/26/1996	Findings:	2959.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/22/1996	Findings:	2.300 PCI/L
Chemical:	GROSS ALPHA		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/22/1996	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/27/1996	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/27/1996	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/04/1996	Findings:	14.400 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/04/1996	Findings:	7.930
Chemical:	PH (LABORATORY)		
Sample Collected:	12/04/1996	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/19/1997	Findings:	17.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/26/1997	Findings:	2.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/26/1997	Findings:	2.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	03/05/1997	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/05/1997	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/08/1997	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/08/1997	Findings:	16.700 MG/L
Chemical:	NITRATE (AS NO3)		

**C13**  
**ENE**  
 1/2 - 1 Mile  
 Higher

**CA WELLS 349**

**Water System Information:**

Prime Station Code:	01N/08W-34A02 S	User ID:	MET
FRDS Number:	1910024025	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Standby Raw
Source Lat/Long:	340806.0 1174200.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	POMELLO WELL 04 - STANDBY		
System Number:	1910024		
System Name:	SCWC - CLAREMONT		
Organization That Operates System:	P.O. BOX 9016		
	SAN DIMAS, CA 91773		
Pop Served:	34028	Connections:	10187
Area Served:	CLAREMONT		

**Sample Information: \* Only Findings Above Detection Level Are Listed**

Sample Collected:	08/15/1988	Findings:	.220 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	03/21/1989	Findings:	12.200 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	03/21/1989	Findings:	425.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/21/1989	Findings:	7.560
Chemical:	FIELD PH		
Sample Collected:	03/21/1989	Findings:	7.560
Chemical:	PH (LABORATORY)		
Sample Collected:	03/21/1989	Findings:	166.500 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	03/21/1989	Findings:	203.200 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/21/1989	Findings:	174.800 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	03/21/1989	Findings:	61.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/21/1989	Findings:	5.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/21/1989	Findings:	17.300 MG/L
Chemical:	SODIUM		
Sample Collected:	03/21/1989	Findings:	1.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/21/1989	Findings:	4.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/21/1989	Findings:	.600 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/21/1989	Findings:	.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/21/1989	Findings:	259.300 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/21/1989	Findings:	.730
Chemical:	LANGELIER INDEX @ 80 C		
Sample Collected:	03/21/1989	Findings:	-.150
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	03/21/1989	Findings:	22.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/21/1989	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/21/1989	Findings:	12.000
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	08/14/1989	Findings:	.240 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	10/04/1989	Findings:	.320 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	01/31/1990	Findings:	.200 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	02/07/1990	Findings:	.200 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	02/28/1990	Findings:	.190 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	03/07/1990	Findings:	.250 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	03/21/1990	Findings:	.100 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/30/1990	Findings:	.310 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	04/04/1990	Findings:	.260 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	04/24/1990	Findings:	.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/02/1990	Findings:	.310 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	05/30/1990	Findings:	.150 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	06/06/1990	Findings:	.180 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	07/03/1990	Findings:	.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/03/1990	Findings:	.230 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	08/01/1990	Findings:	.210 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	10/03/1990	Findings:	.170 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	11/07/1990	Findings:	.170 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	12/30/1990	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/06/1991	Findings:	.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/06/1991	Findings:	.280 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	04/03/1991	Findings:	.190 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	05/01/1991	Findings:	.230 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	05/01/1991	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/01/1991	Findings:	.900 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	07/03/1991	Findings:	.090 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	08/07/1991	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/07/1991	Findings:	.110 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	12/04/1991	Findings:	.150 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	01/08/1992	Findings:	.150 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	02/05/1992	Findings:	440.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/05/1992	Findings:	7.600
Chemical:	PH (LABORATORY)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/05/1992	Findings:	144.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )		
Sample Collected:	02/05/1992	Findings:	175.700 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/05/1992	Findings:	180.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	02/05/1992	Findings:	52.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/05/1992	Findings:	11.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/05/1992	Findings:	16.700 MG/L
Chemical:	SODIUM		
Sample Collected:	02/05/1992	Findings:	1.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/05/1992	Findings:	9.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/05/1992	Findings:	.600 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/05/1992	Findings:	229.900 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/05/1992	Findings:	31.300 MG/L
Chemical:	NITRATE (AS NO <sub>3</sub> )		
Sample Collected:	02/05/1992	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/05/1992	Findings:	16.670 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	02/05/1992	Findings:	440.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/05/1992	Findings:	7.600
Chemical:	FIELD PH		
Sample Collected:	02/05/1992	Findings:	7.600
Chemical:	PH (LABORATORY)		
Sample Collected:	02/05/1992	Findings:	144.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )		
Sample Collected:	02/05/1992	Findings:	175.700 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/05/1992	Findings:	180.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	02/05/1992	Findings:	52.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/05/1992	Findings:	11.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/05/1992	Findings:	16.700 MG/L
Chemical:	SODIUM		
Sample Collected:	02/05/1992	Findings:	1.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/05/1992	Findings:	9.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/05/1992	Findings:	.600 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/05/1992	Findings:	.150 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	02/05/1992	Findings:	229.900 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/05/1992	Findings:	.640
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	02/05/1992	Findings:	-.140
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/05/1992	Findings:	31.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/05/1992	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/05/1992	Findings:	11.880
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)		
Sample Collected:	03/04/1992	Findings:	.150 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	04/01/1992	Findings:	.130 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	05/06/1992	Findings:	.060 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	06/03/1992	Findings:	.080 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	07/01/1992	Findings:	.080 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	08/05/1992	Findings:	.110 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	09/02/1992	Findings:	.090 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	10/07/1992	Findings:	.100 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	11/04/1992	Findings:	.100 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	02/03/1993	Findings:	.120 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	03/03/1993	Findings:	.070 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	06/04/1993	Findings:	.070 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	09/01/1993	Findings:	.100 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	10/06/1993	Findings:	.120 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	11/03/1993	Findings:	.130 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	12/01/1993	Findings:	.130 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	01/05/1994	Findings:	.110 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	02/02/1994	Findings:	.080 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/02/1994	Findings:	19.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/02/1994	Findings:	.080 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	05/04/1994	Findings:	.060 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	04/05/1995	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	05/03/1995	Findings:	.030 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	06/07/1995	Findings:	.030 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	06/26/1995	Findings:	.030 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	07/05/1995	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	09/26/1995	Findings:	.040 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	10/04/1995	Findings:	.040 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	11/01/1995	Findings:	.030 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	12/20/1995	Findings:	390.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	12/20/1995	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	12/20/1995	Findings:	144.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	12/20/1995	Findings:	175.700 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	12/20/1995	Findings:	176.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	12/20/1995	Findings:	49.700 MG/L
Chemical:	CALCIUM		
Sample Collected:	12/20/1995	Findings:	12.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	12/20/1995	Findings:	13.900 MG/L
Chemical:	SODIUM		
Sample Collected:	12/20/1995	Findings:	1.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	12/20/1995	Findings:	6.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	12/20/1995	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	12/20/1995	Findings:	220.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/20/1995	Findings:	19.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/03/1996	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/07/1996	Findings:	.030 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	02/27/1996	Findings:	.350 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/27/1996	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/27/1996	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/27/1996	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	02/27/1996	Findings:	22.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/27/1996	Findings:	5000.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/01/1996	Findings:	.020 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	05/22/1996	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/22/1996	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/05/1996	Findings:	.060 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	07/03/1996	Findings:	.060 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	08/07/1996	Findings:	.080 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	09/04/1996	Findings:	.040 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	10/02/1996	Findings:	.040 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	11/06/1996	Findings:	.040 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	11/27/1996	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/04/1996	Findings:	15.600 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	12/04/1996	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	12/04/1996	Findings:	.040 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	12/04/1996	Findings:	.600 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/05/1997	Findings:	.030 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	02/19/1997	Findings:	21.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/05/1997	Findings:	.050 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	03/05/1997	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/02/1997	Findings:	.040 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	07/08/1997	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/08/1997	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/08/1997	Findings:	19.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/06/1997	Findings:	.070 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		
Sample Collected:	12/03/1997	Findings:	.028 UG/L
Chemical:	DIBROMOCHLOROPROPANE (DBCP)		

B14  
SSE  
1/2 - 1 Mile  
Lower

CA WELLS 1108

**Water System Information:**

Prime Station Code:	01S/08W-03F05 S	User ID:	MET
FRDS Number:	1910126035	County:	Los Angeles
District Number:	15	Station Type:	WELL/ABNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	340654.0 1174233.6	Precision:	1,000 Feet (10 Seconds)
Source Name:	TUNNEL WELL 04		
System Number:	1910126		
System Name:	POMONA-CITY, WATER DEPT.		
Organization That Operates System:	P O BOX 660 POMONA, CA 91769		
Pop Served:	131723	Connections:	27808
Area Served:	POMONA		

**Sample Information: \* Only Findings Above Detection Level Are Listed**

Sample Collected:	03/04/1991	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/10/1992	Findings:	361.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/10/1992	Findings:	7.600
Chemical:	PH (LABORATORY)		
Sample Collected:	03/10/1992	Findings:	152.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	03/10/1992	Findings:	185.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/10/1992	Findings:	204.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	03/10/1992	Findings:	61.800 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/10/1992	Findings:	10.900 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/10/1992	Findings:	11.300 MG/L
Chemical:	SODIUM		
Sample Collected:	03/10/1992	Findings:	1.940 MG/L
Chemical:	POTASSIUM		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/10/1992	Findings:	17.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/10/1992	Findings:	.430 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/10/1992	Findings:	1.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/10/1992	Findings:	243.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/10/1992	Findings:	11.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/11/1993	Findings:	352.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/11/1993	Findings:	7.650
Chemical:	PH (LABORATORY)		
Sample Collected:	10/11/1993	Findings:	149.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	10/11/1993	Findings:	182.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/11/1993	Findings:	138.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	10/11/1993	Findings:	44.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/11/1993	Findings:	7.950 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/11/1993	Findings:	29.500 MG/L
Chemical:	SODIUM		
Sample Collected:	10/11/1993	Findings:	1.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/11/1993	Findings:	9.140 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/11/1993	Findings:	.900 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/11/1993	Findings:	228.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/11/1993	Findings:	14.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/21/1994	Findings:	.900 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	09/21/1994	Findings:	.760 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	09/21/1994	Findings:	.790 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	09/21/1994	Findings:	1.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/21/1994	Findings:	3.750 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/13/1994	Findings:	13.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/17/1994	Findings:	1.500 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/17/1994	Findings:	1.300 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	10/17/1994	Findings:	1.900 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	10/17/1994	Findings:	2.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/17/1994	Findings:	7.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/06/1995	Findings:	9.740 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/26/1995	Findings:	340.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/26/1995	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	06/26/1995	Findings:	140.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/26/1995	Findings:	71.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/26/1995	Findings:	.700 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	06/26/1995	Findings:	150.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/26/1995	Findings:	45.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/26/1995	Findings:	9.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/26/1995	Findings:	14.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/26/1995	Findings:	1.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/26/1995	Findings:	3.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/26/1995	Findings:	.480 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/26/1995	Findings:	210.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/26/1995	Findings:	.200
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	06/26/1995	Findings:	.011 MG/L
Chemical:	HYDROXIDE ALKALINITY		
Sample Collected:	06/26/1995	Findings:	8.360 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/26/1995	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/26/1995	Findings:	1900.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/20/1995	Findings:	.890 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	07/20/1995	Findings:	.740 UG/L
Chemical:	CHLOROFORM (THM)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/20/1995	Findings:	1.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/21/1995	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/21/1995	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/21/1995	Findings:	1.500 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	09/25/1995	Findings:	.640 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/25/1995	Findings:	.640 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/03/1996	Findings:	.810 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	04/03/1996	Findings:	3.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	04/03/1996	Findings:	4.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/02/1996	Findings:	.900 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	07/02/1996	Findings:	.730 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	07/02/1996	Findings:	1.400 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	07/02/1996	Findings:	.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/02/1996	Findings:	4.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/01/1996	Findings:	.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/01/1996	Findings:	7.920 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/01/1996	Findings:	.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	11/04/1997	Findings:	3.560 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/04/1997	Findings:	2.890 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/04/1997	Findings:	352.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	11/04/1997	Findings:	7.680
Chemical:	PH (LABORATORY)		
Sample Collected:	11/04/1997	Findings:	148.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	11/04/1997	Findings:	181.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	11/04/1997	Findings:	159.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	11/04/1997	Findings:	48.100 MG/L
Chemical:	CALCIUM		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/04/1997	Findings:	9.480 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	11/04/1997	Findings:	15.400 MG/L
Chemical:	SODIUM		
Sample Collected:	11/04/1997	Findings:	1.320 MG/L
Chemical:	POTASSIUM		
Sample Collected:	11/04/1997	Findings:	3.670 MG/L
Chemical:	CHLORIDE		
Sample Collected:	11/04/1997	Findings:	.420 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	11/04/1997	Findings:	219.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	11/04/1997	Findings:	7.560 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/04/1997	Findings:	.510 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/27/1998	Findings:	.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/09/1998	Findings:	8.320 MG/L
Chemical:	NITRATE (AS NO3)		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

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.

Zip Code: 91711

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.600 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## 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 1999 from the U.S. Fish and Wildlife Service.

## HYDROGEOLOGIC INFORMATION

### **AQUIFLOW<sup>®</sup> 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**

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.

## ADDITIONAL ENVIRONMENTAL RECORD SOURCES

### **FEDERAL WATER WELLS**

#### **PWS: Public Water Systems**

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

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: 202-260-2805

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:** In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. 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 more than 900,000 wells, springs, and other sources of groundwater.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## 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.

### California Oil and Gas Well Locations for District 2 and 6

Source: Department of Conservation

Telephone: 916-323-1779

## RADON

**Area Radon Information:** 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:** Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

## OTHER

**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.

**PHASE I ENVIRONMENTAL  
SITE ASSESSMENT**

**La Puerta School  
2475 North Forbes Avenue  
Claremont, California**

**For:**

**Claremont Unified School District  
2080 North Mountain Avenue  
Claremont, California 91711**

**By:**

**Environmental Geoscience Services  
909 Electric Avenue, Suite 312  
Seal Beach, California 90740**

**AUGUST 2002**

**VOLUME 2 OF 2**

# APPENDIX G

## AGENCY CORRESPONDENCE





207 HARVARD AVE. • P.O. BOX 880 • CLAREMONT 91711 • (714) 624-4531 • DEPARTMENT OF COMMUNITY DEVELOPMENT

April 1, 1987

Dear Resident/Property Owner:

The Department of Community Development has approved a Special Use and Development Permit for the Montessori Academy to allow for the fifth annual Spring Festival on property located at 2475 Forbes Avenue. The festival dates are permitted for April 25 and April 26, 1987. The permit is granted with the following conditions:

1. A temporary sign permit is required. No directional signs may be posted in the surrounding neighborhood.
2. Sponsors of the carnival shall patrol the area where cars have parked to make sure that all trash is picked up so it does not cause a detriment to the surrounding neighborhood.

If you have any questions or concerns about this request, please contact me prior to April 6, 1987 at 624-4531, extension 319. This permit is not effective until five days after the issuance date of April 1, 1987.

Sincerely,

A handwritten signature in cursive script that reads "Deborah Madden".

DEBORAH MADDEN  
Assistant Planner

cc: Kris Thewes, Montessori Academy of Claremont, 2475 Forbes Avenue  
Planning Commission  
Pat Haley, City Planner  
David Martinez, Building Official



207 HARVARD AVE • PO BOX 880 • CLAREMONT 91711 • (714) 624-4531 • DEPARTMENT OF COMMUNITY DEVELOPMENT

March 19, 1987

Dear Resident/Property Owner:

The Department of Community Development has received a request from Montessori Academy of Claremont, 2475 Forbes Avenue for a Special Use and Development Permit for the Fifth Annual Spring Carnival (Country Western Jamboree) to be held April 25 and 26, 1987 on the school grounds. The carnival hours will be 12 noon to 11 p.m. on Saturday, April 25 and 12 noon to 6 p.m. on Sunday, April 26. A barbeque and square dance are scheduled for Saturday evening. A sky diver will be part of the activities on Sunday afternoon. Parking will be accommodated on the school site with overflow on Forbes.

If you have any questions or concerns regarding this request, please contact me no later than March 30, 1987. I can be reached at (714) 624-4531, ext. 254. During this period, comments will be received from the public and the Planning Commission will be notified of the request before any decision is made.

As a neighbor within 300' of the affected property, you will also receive written notice of the decision on this matter and have the right to appeal any decision to the Planning Commission by filing a written letter of appeal, together with paying an appeal fee of \$25.00. The appeal and accompanying payment must be filed within five (5) days of receipt of the final notice. Any appeal will suspend the final decision until the matter is resolved by the Planning Commission. The Planning Commission may request full commission review of the decision of the Director of Community Development, which suspends further action until resolution by the Planning Commission.

Sincerely,

STEVE CONCANNON  
Code Enforcement Officer

SC:gme

cc: Kris Thewes, Montessori Academy of Claremont, 2475 Forbes Avenue  
Planning Commission  
Pat Haley, City Planner  
David Martinez, Building Official



# city of CLAREMONT

207 Harvard Ave., Claremont, Ca. 91711

## ELEC./MECH./PLMBG. PERMIT

department of COMMUNITY DEVELOPMENT

Building Address 2475 FORBES AVE  
 Owner CENTRAL BAPTIST CHURCH  
 Mailing Address 395 E SAN BERTO  
 City CLAREMONT Zip \_\_\_\_\_ Tel. 623-1728  
 Contractor OWNER  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ Zip \_\_\_\_\_ Tel. \_\_\_\_\_  
 State Lic. & Classif. \_\_\_\_\_ City Lic. No. \_\_\_\_\_

### LICENSED CONTRACTOR'S DECLARATION

I hereby affirm that I am licensed under provisions of Chapter 9 commencing with Section 70003 of Division 3 of the Business and Professions Code, and my license is in full force and effect.

### OWNER-BUILDER DECLARATION

I hereby affirm that I am exempt from the Contractor's License Law for the following reason:

- I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale
- I, as owner of the property, am exclusively contracting with licensed contractors to construct the project.
- I am exempt under Sec. \_\_\_\_\_ B. & P.C. for the reason: \_\_\_\_\_

Date \_\_\_\_\_ Owner \_\_\_\_\_

### WORKERS' COMPENSATION DECLARATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Workers' Compensation Insurance, in a certified copy thereof (Ser. 1889, Labor Code.)

Policy No. \_\_\_\_\_ Company \_\_\_\_\_  
 Copy is filed with the city.  Certified copy is hereby furnished.

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances, and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection purposes.

Signature of Applicant [Signature] Date 10-24-83  
 Mailing Address \_\_\_\_\_  
 City, State, Zip \_\_\_\_\_

ELECTRICAL SYSTEM	No.	Description (Additions, Commercial, Industrial Services (Size Outlets (Receptacles, Lights, Switches) Fixtures Motors (HP ea.) Other (Specify	Fee
			Sq. Ft. Area New Residential Bldg. <u>1437</u> @ <u>03</u> <u>42.96</u> Sq. Ft. Area New Res. Accessory Bldg. <u>(0)</u> Plan Chk. _____ Issuance Fee <u>7.00</u> <b>TOTAL ELECTRICAL FEES</b> <u>49.96</u>

MECHANICAL SYSTEM	No.	Description	No.	Description	Fee
			FAU to & includ. 100,000 BTU FAU over 100,000 BTU Flu./Wall/Susp. Heaters Spray Booth/Exhaust Hood Vent Fan Includ. Duct Plan Chk. _____ Issuance Fee _____		Boiler/Compr. to & Includ. 3 HP Flater/Compr. over 3 HP to 15 HP Air Handler to & Includ. 10,000 cfm Air Handler over 10,000 cfm Other: _____
<b>TOTAL MECHANICAL FEES</b>					

PLUMBING SYSTEM	No.	Description	No.	Description	Fee
			Water Closets Lavatories Bathubs, Showers Kitchen Sinks Laundry Trays, Auto. Washers Plan Chk. _____ Issuance Fee _____		Gas System (No. Outlets) Water Heaters Private Sew. Drp. System Sewer Conn. Other _____
<b>TOTAL PLUMBING FEES</b>					

**TOTAL ELEC., MECH., PLMBG. FEES** 49.96

Processed By [Signature]  
 Date 10-24-83

Permit No.	VALIDATION
	24 OCT 83 * 49.96 10

This is an electrical/mechanical/plumbing permit when properly filled out, validated, and is subject to expiration if work hereunder is suspended for

INSPECTOR COPY

MENT OF  
ITY DEVELOPMENT  
ION FOR BUILDING PERMIT



city of CLAREMONT

207 HARVARD AVE.  
CLAREMONT, CA. 91711  
(714) 524-4531

FOR APPLICANT TO FILL IN

Please Press Firmly for Carbon Copies

2475 Forbes Ave, Claremont  
Central Baptist Ch. Tel. No. 623-1228

295 E. San Bernardino City Pomona  
Owner - Builder Tel. No. 623-3017

395 E. San Bernardino City Pomona  
City (License)  
Tax No.

Tel. No

City

LEGAL DESCRIPTION Lot No Bldg Tract

DESCRIPTION OF WORK AND BLDG. USE

Occ. Group Use Zone Fire Zone III

Work: ONE BLDG 20' X 24'  
" " 28' X 24'

TO BE USED FOR STORAGE OF  
COMBUSTIBLE MATERIAL  
TEMPORARY USE MAX 2 YRS

Add All Repair Demolish  
No. of Rooms No. of Stories No. of Units

1432  
\$ 24,773.90

I, the undersigned, in the performance of the work for which this permit is issued, I shall not employ any  
in any manner so as to become subject to the Workers Compensation laws of California  
if I am subject to Workers Compensation laws, I have filed, or have caused to be filed  
City Clerk of the City of Claremont, within the year last past, one of the following  
Certificate of Consent to self-insurance by the Director of Industrial Relations or  
Certificate of Workers Compensation Insurance issued by an admitted insurer, or  
exact copy or duplicate thereof certified by the Director or Insurer.  
I certify that I am the owner, the authorized representative of the owner, or the property  
factor, and I agree to comply with all City ordinances and State laws. I further certify  
I have read the statements contained in this application, that they are true and correct, and  
I make this statement under penalty of perjury.

City of California, on

Oct. 24 1983

Gary Vesterman

PARKLAND FEE	\$	
PLAN CHECK	\$	157.12
PERMIT FEE	\$	196.40
ISSUANCE FEE	\$	7.00
TOTAL	\$	360.52

SPECIAL CONDITIONS AND INSPECTION RECORD

ENG. DIV.

BLDG. DIV. Bob Stephens 10-24-83

PLANNING DIV. [Signature] 10-24-83

CALL FOR ALL INSPECTIONS

All work must be inspected and approved before placing concrete, or concealing framing, electrical, plumbing or mechanical work. A final inspection and Certificate of Occupancy must be obtained prior to occupancy and clearance of connection of utilities.

APPROVALS	DATE	INSPECTOR'S SIG
FOUNDATION, YARDS, TRENCHES, FORMS	11-2-83	[Signature]
FOOTING STEEL		
WALL STEEL		
BOND BEAM STEEL		
BOLTS, ANCHORS		
FRAME: FIRE STOPS, BRACING, BOLTS, FLASHING MATERIALS		
ROOF SHEATHING COVERING		
STRUCTURAL STEEL		
DRY WALL		
LATH, INT.		
LATH, EXT.		
SWIMMING POOL ENCLOSURE OK TO PLASTER POOL		
FINAL ENG.		
FINAL PLANNING		
FINAL BLDG.		

PERMIT NO.	24 OCT 83	VALIDATION **	157.12	11
	24 OCT 83	**	203.40	10

This is a Building Permit When Properly Completed and Validated, and is not Transferable. It will expire if work is not started in 120 days, or if work is abandoned for more than 120 days.



# city of CLAREMONT

207 Harvard Ave., Claremont, Ca. 91711

# ELEC./MECH./PLMBG. PERMIT

department of COMMUNITY DEVELOPMENT

**Building Address** 2475 N Forbes  
**Owner** Unified School Dist  
**Mailing Address** Santa Catalina Church  
**City** Claremont **Zip** 91711  
**Contractor** Owner  
**Address** Suite 1  
**City** **Zip** **Tel.**  
**State Lic. & Classif.** **City Lic. No.**

**LICENSED CONTRACTORS DECLARATION**  
 I hereby affirm that I am licensed under provisions of Chapter 9 commencing with Section 10001 of Division 3 of the Business and Professions Code, and my license is in full force and effect.

**OWNER-BUILDER DECLARATION**  
 I hereby affirm that I am exempt from the Contractor's License Law for the following reason:  
 as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale.  
 I, as owner of the property, am exclusively contracting with licensed contractors to construct the project.  
 I am exempt under Sec. \_\_\_\_\_ B. & P. C. for the reason: \_\_\_\_\_

Date: \_\_\_\_\_ Owner: \_\_\_\_\_

**WORKERS' COMPENSATION DECLARATION**  
 I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Workers' Compensation Insurance, or a certificate by the State Labor Code.

Policy No. \_\_\_\_\_ Company: \_\_\_\_\_  
 Copy is filed with the city.  Certified copy is hereby furnished.

I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction. Any hereby authorize representatives of this city to enter upon the above mentioned property for inspection purposes.

Signature of Applicant: \_\_\_\_\_ Date: 9-20-83  
 Mailing Address: P.O. Box 1369  
 City, State, Zip: Claremont CA 91766

ELECTRICAL SYSTEM	No.	Description (Addition, Commercial, Industrial)	Fee
			Services (Size)
		Outlets (Receptacles, Lights, Switches)	
		Fixtures	
		Motors (HP ea.)	
		Other (Specify)	
		Sq. Ft. Area New Residential Bldg.	(a)
		Sq. Ft. Area New Res. Accessory Bldg.	(b)
		Plan Chk. Fee	
		Issuance Fee	
<b>TOTAL ELECTRICAL FEES</b>			

MECHANICAL SYSTEM	No.	Description	Fee
			Boiler/Compr to & Includ 3 HP
		Boiler/Compr over 3 HP to 15 HP	
		Air Handler to & Includ. 10,000 cfm	
		Air Handler over 10,000 cfm	
		Other:	
		Plan Chk. Fee	
		Issuance Fee	
<b>TOTAL MECHANICAL FEES</b>			

PLUMBING SYSTEM	No.	Description	No.	Description	Fee
			Water Closets	1	Gas System (No. Outlets)
		Lavatories		Water Heaters	
		Bathubs, Showers		Private Sew. Disp. System	
		Kitchen Sinks		Sewer Conn.	
		Laundry Trays, Auto Washers		Other	
		Plan Chk. Fee		Issuance Fee	7 00
<b>TOTAL PLUMBING FEES</b>					10 00

**TOTAL ELEC., MECH., PLMBG. FEES** 10 00

Permit No. \_\_\_\_\_ **VALIDATION**

This is an electrical/mechanical/plumbing permit when properly filled out, signed and validated, and is subject to expiration if work hereunder is suspended for 120 days.

20 SEP 83 • \* 10.00

INSPECTOR COPY

TO : Montessori Academy  
FROM : Bill Chopyk, Assistant Planner  
DATE : 6 August 1986  
SUBJECT : Certificate of Occupancy for Montessori Academy at LaPuerta School

---

Provided that we receive a letter from the Claremont Unified School District stating that they will remove the two temporary structures from the LaPuerta School site (and when they plan to do so), we have no objection to the issuance of a Certificate of Occupancy to Montessori Academy for the use of the LaPuerta classroom building, and shower and locker building.

  
Bill Chopyk

BC:deb

cc: David Martinez, Building Official



# Central Christian Schools

395 SAN BERNARDINO AVE. • POMONA, CALIFORNIA 91767 • (714) 623-3017

DR. RON BOLDMAN  
Pastor-Director

GARY VERTICAN, B.A.  
Principal

June 26, 1985

Mr. Eloy Martinez  
Department of Community Development  
207 Harvard  
Claremont, Ca. 91711

JUN 27 1985  
Dept. of Community Dev  
CITY OF CLAREMONT

Dear Mr. Martinez:

We would like to describe the circumstances surrounding our modulers at the LaPuerta school site. First of all, there have been some changes in our maintenance and construction personnel from the time we first applied for permits until the present and many circumstances have changed.

When Mr. Maley first applied we intended to move the modulers and set them up just as they were in Cucamonga. We lined up a mover, but by the time we lined up moving permits from both counties (L.A. and San Bernardino) there was such red tape and delays that the mover could no longer wait, so we had to try and locate another. We finally found one that could handle the job, but by then the permit expired and we had to get another permit. When we finally secured that permit the Cucamonga Street Commission started completely rennovating the street, this caused further delay! When we finally got the modulers on location, we were going to set them up on concrete pilasters like they were in Cucamonga, because of the temporary permits. The city of Claremont then informed us that this was unacceptable and that we would have to put in foundation footings and block walls. Of course, we thought this was rather extreme for a two year permit, not to mention that this change of plans and added expense delayed us much longer. At that time the City of Claremont or some branch of it also informed us that we could not locate the modulers where we originally intended. This necessitated a second contracting of a 70 ton crane equipment company (added expense and delays). Because of all these delays we had to hire another construction crew to set up the modulers and start repairing all the vandalism that took place during all these delays as the modulers sat idle. Meantime we suffered some other set backs: a broken water main that cost us into the thousands of dollars and a \$2500. repair bill on the air conditioning and heating system of the main facility, due to vandalism, along with hundreds of dollars of broken windows, doors, drinking fountains constantly being destroyed by neighborhood children. This may not seem to interest you a whole lot, but because our sole support comes from tuition and fund raisers (we receive no state aid or grants) we have to run on a very tight budget and these kind of delays and set backs just plain put a halt to our construction. We also planned on some money to work with coming from the sale of our old school property, but this has not come in from the City of Pomona because the construction outfit they contracted took them to the cleaners and they now say that there is no money available to pay us.

Department of Community Development Continued

Along with trying to maintain the present facilities and run our school program we just recently were able to get the modulars usable. (month of April) We originally planned to use them for maintenance and storage and the large one for maintenance office and girls aerobic class, but the delays took so long that we had to go lease a storage facility instead and the vandalism got so bad that we had to put a security guard on campus in the evenings. Hence, necessity and circumstances changed our intentions dramatically.

With the payments from the City of Pomona for the purchase of our old school site we had anticipated building a gymnasium and classroom and maintenance addition to the present facility. Meanwhile the Claremont School District has decided they are not going to sell the La Puerta school site to us that we are presently leasing and therefore could not approve any building on it because our agreement states that at the end of our lease they would buy back from us any capital improvements at fair market value and they do not want to put anymore money in to it due to these conditions and difficult circumstances. Therefore, we wish to request a change in the use of the modular facilities and due to the fact we have only had the use of them for a couple of months and due to limited facility that is there, we would like to request an extension to keep them there on a temporary basis during the duration of the time we lease the facility or at the very least get a two year extension with the intention of using the smaller one for a maintenance office and the larger one as a much needed classroom.

We hope this adequately describes the hardships we have encountered and fills you in on what has occurred for the past year and one half in order that you might understand where we are now coming from when we request a change of use and an extension to the temporary permit.

Ideally, we could really use an extended permit to keep the buildings for as long as we lease the site and especially in light of the fact that we have been required to put in such a permanent type of foundation and have gone to a lot of expense and trouble to make the buildings blend in so well with the other permanent buildings.

We really do need the space. We believe we have really helped some youth turn their lives around and have helped the community improve their academic reputation. We believe that we are really an asset in that area and have absorbed the expense and helped correct much vandalism in the area as well.

We expect to grow and continue as an influence for good in this area. We really do need the extended permit even if it meant a review was required every two years that we lease the facility.

Please consider our request and inform us as to what steps you wish us to take next.

Sincerely,



Gary Vertican  
Principal

GV/mp

CC: Donna Lotz  
Department of Community Development

Brad Buller  
City Planning Office





207 HARVARD AVE. • P.O. BOX 880 • CLAREMONT 91711 • (714) 624-4531 • DEPARTMENT OF COMMUNITY DEVELOPMENT

July 5, 1985

Mr. Gary Vertican  
Central Christian Schools  
395 San Bernardino Avenue  
Pomona, CA 91767

Dear Mr. Vertican:

The City has received your letter directed to Mr. Eloy Martinez of the Building Division. Upon consideration with the City Planner, you should proceed immediately with one of the following steps:

1. Remove both structures by October 1985.
2. Submit a request for an extension of the October 1985 deadline for the removal of these structures. Staff would consider a maximum one year extension with the condition that no further extensions be granted.
- 3a. Apply by July 30, 1985 for Architectural Review to make these temporary structures permanent, outlining the same items as in your letter to Mr. Martinez. In addition,
  - b. Provide plans for bringing structures up to Code and pictures of the buildings now. The plans should include landscaping plans.

The Commissions generally do not meet in August, as I explained in our conversation in May. Therefore, it is imperative that you complete this application now so a decision may be made prior to the October 1985 deadline.

The structures are not to be utilized as they had been prior to Mr. Martinez' "Stop Work" order.

Call me at 624-4531, ext. 254 or the City Planner, Brad Buller at ext. 3104 if you have questions.

Sincerely,

*Reta Barton*

Reta Barton  
Code Enforcement Officer

cc: Brad Buller, City Planner  
Tony Witt, Assistant Planner  
X Eloy Martinez, Building Division



**CITY OF CLAREMONT**  
207 Harvard Ave.  
Claremont, California 91711  
(714) 624-4531

Eng. Div  
Planning Div *BC*

Date *8-3-86* Application for Building Permit  
PERMIT NO *PL 411*

Building Address **2475 FORBES**  
Owner **Montessori Academy/Clmt. Un. School Dist.**  
Mailing Address **PO Box 553**  
City **Claremont** Zip **91711** Tel. **621-1603**  
Contractor **Bouchey Plumbing**  
Address **1195 Washington**  
City **Pomona** Zip **91767** Tel.   
State Lic.   
Classif.   
City Lic. #   
Arch. Engr., Designer   
Address   
City   
Zip   
State Lic. #

Use of Permit  
**Bathroom Addition**  
Tract No. Lot No. APN  
Setbacks F S L R R Statistical Code Date **9/23/86**

CONSTRUCTION ESTIMATE			
1ST FL.	SQ. FT. @		\$
2ND FL.	SQ. FT. @		
POR.	SQ. FT. @		
GAR.	SQ. FT. @		
CAR P.	SQ. FT. @		
WALL	SQ. FT. @		
Ten. Imp.	96	SQ. FT. @ 15.00	1,440.00
ESTIMATED CONSTRUCTION VALUATION			\$ 1,440.00
NOTE: Not to be used as property tax valuation			Constr. Fee 25.00

MECHANICAL FEES ISSUANCE			
VENT SYSTEM	FAN	EVAP. COOL.	HOOD
APPLIANCE			DRYER
FURNACE	UNIT	WALL	FLOOR SUSPENDED
AIR HANDLING UNIT			CFM
ABSORPTION SYSTEM			BTU
COMPRESSOR			HP
HEATING SYSTEM		FORCED	GRAVITY
BOILER			BTU
MAX HEATER OUTPUT, BTU.			
ISSUANCE FEE			

**LICENSED CONTRACTOR'S DECLARATION**  
I hereby affirm that I am licensed under provisions of Chapter 9 (commencing with Section 7000) Division 3 of the Business and Professions Code, and my license is in full force and effect.

**OWNER-BUILDER DECLARATION**  
I hereby affirm that I am exempt from the Contractor's License Law for the following reason: (Sec. 315, Business and Professions Code. Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance also requires the applicant for such permit to file a signed statement that he is licensed pursuant to Division 3 of the Business and Professions Code, or that he is exempt therefrom, and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500).  
I, as owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code. The Contractor's License Law does not apply to an owner of property who builds or improves thereon and who does such work himself or through his employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale.)  
I, as owner of the property, am exclusively contracting with licensed contractors to construct the project. (Sec. 7044, Business and Professions Code. The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor licensed pursuant to the Contractor's License Law.)  
I am exempt under Sec. *B & PC* for this reason.

Signature: *Alto Thomas* Date: *9/23/86*  
Owner: *Alto Thomas*

**WORKERS' COMPENSATION DECLARATION**  
I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3800, Labor Code)  
Company No. **523634-80** State Fund  
Copy is filed with the city. Certified copy is hereby furnished. Exp. 4/2/87

**CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE**  
This section need not be completed if the permit is for one hundred dollars (\$100) valuation or less. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.  
I, the applicant, after making this Certificate of Exemption you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

**CONSTRUCTION LENDING AGENCY**  
I hereby affirm that there is a construction lending agency for the performance of the work for which this permit is issued. (Sec. 3097, Civil Code)  
Lender's Name  
Lender's Address  
This is a building permit when properly taken out, signed and validated, and is subject to express suspension if work thereunder is suspended for 180 days.  
I certify that I have read this application and state that the above information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction, and I hereby authorize representatives of this city to enter the above mentioned property for inspection purposes.  
Signature of Applicant: *Alto Thomas* Date: *9-23-86*  
Mailing Address  
City, State, Zip  
This permit becomes null and void if work is not commenced in 180 days or if work is abandoned or suspended for 180 days.  
Issued by: *Henry* Date: *9-23-86*

ELECTRICAL FEES		PLUMBING FEES	
NO.	UNITS	NO.	UNITS
			YARD SPKLR SYSTEM
	MOBILE HOME SWC		BAR SINK
	POWER OUTLET		ROOF DRAINS
			DRAINAGE PIPING
			DRINKING FOUNTAIN
			URINAL
			WATER PIPING
			FLOOR DRAIN
			WATER SOFTENER
			WASHER (AUTO) (DISH)
			GARBAGE DISPOSAL
			LAUNDRY TRAY
	TEMP USE PERMIT SWC	1	WATER CLOSET
	POLE, TEMP PERM		LAVATORY
	AMPERES SERV ENT		SHOWER
	SQ. FT @ c		BATH TUB
	SQ. FT @ c		WATER HEATER
	SQ. FT REGID @ 1+c		SEWAGE DISPAL
	SQ FT GAR @ 1+c		HOUSE SEWER
			GAS PIPING
	ISSUANCE FEE		ISSUANCE FEE
PLAN CK. FEE	CONST. FEE	ELECT. FEE	S.M.I.
20.00	32.00		
ADDL PNC	TOTAL FEES	MECH FEE	PLUM FEE
	62.00		10.00

23 SEP 86  
TOTAL MECH. FEE  
- 48.00 PREPAID  
= 14.00 TOTAL DUE  
FINAL 12-17-86 JD



# Department of Toxic Substances Control



Edwin F. Lowry, Director  
1011 N. Grandview Avenue  
Glendale, California 91201

Gray Davis  
Governor

Winston H. Hickox  
Agency Secretary  
California Environmental  
Protection Agency

June 6, 2002

Mr. Andrew Drummond  
Environmental Geoscience Services  
110 Pine Ave., Suite 660  
Long Beach, California 90802

PUBLIC RECORDS ACT REQUEST DATED: 06/03/02/FAX

SUBJECT: 2475 North Forbes Ave., Claremont, California 91711

DTSC PR30605022

Dear Mr. Drummond:

We have received your Public Records Act Request for information from  
The Department of Toxic Substances Control.

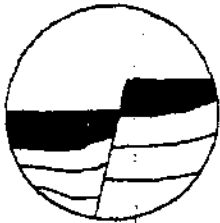
After a thorough review of our files we have found that no such records  
exist pertaining to the site/facility referenced above.

If you have any questions or would like further information regarding your  
request, please contact me at (818) 551-2886.

Sincerely,

*Vivien Tutman FOR*  
Jone Barrio  
Regional Records Coordinator

Attachment



# ENVIRONMENTAL GEOSCIENCE SERVICES

110 Pine Avenue, Suite 660  
Long Beach, CA 90802  
Phone: (562) 435-3198 Fax: (562) 435-8329

May 31, 2002

**COPY BY FAX**

Rich Hubbell  
Department of Toxic Substance Control  
Emergency Response  
1011 North Grandview Avenue  
Glendale, California 92101

**SUBJECT:** Emergency Response Unit  
File Review for the Property Located at  
2475 North Forbes Avenue  
Claremont, CA 91711

Dear Mr. Hubbell:

Environmental Geoscience is conducting an Environmental Site Assessment (ESA) in the City of Claremont for a future elementary school and requests a file review be conducted for the subject property located at:

2475 North Forbes Avenue  
Claremont, CA 91711 *N/R*

Please inform me at your earliest convenience if files are available for this site. If you have any questions or comments, please call me at (562) 435-3198.

Very truly yours,

Environmental Geoscience Services

Andrew Drummond  
Project Hydrogeologist

DEPARTMENT OF TOXIC SUBSTANCE CONTROL  
SOUTHERN CALIFORNIA DISTRICT

MAY 31 2002

**RECEIVED**

Received BY:  
JUN 03 2002  
DTSC FILE ROOM

Received By:

JUN 03 2002

DTSC FILE ROOM

Env\Geoscience\ProjectFiles\Claremont\Misc\FileRev04

PR30605022



# Department of Toxic Substances Control



Edwin F. Lowry, Director  
1011 N. Grandview Avenue  
Glendale, California 91201

Gray Davis  
Governor

Winston H. Hickox  
Agency Secretary  
California Environmental  
Protection Agency

June 6, 2002

Andrew Drummond  
Environmental GeoScience Services  
110 Pine Ave., Ste. 660  
Long Beach, California 90802

PUBLIC RECORDS ACT REQUEST DATED: 06/04/02/FAX

SUBJECT: 2475 North Forbes Ave., Claremont, CA 91711

DTSC PR30603027

Dear Mr. Drummond:

We have received your Public Records Act Request for information from  
The Department of Toxic Substances Control.

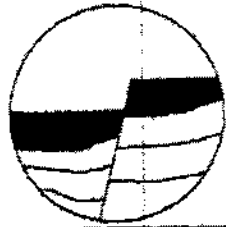
After a thorough review of our files we have found that no such records  
exist pertaining to the site/facility referenced above.

If you have any questions or would like further information regarding your  
request, please contact me at (818) 551-2886.

Sincerely,

Jone Barrio  
Regional Records Coordinator

Attachment



# ENVIRONMENTAL GEOSCIENCE SERVICES

110 Pine Avenue, Suite 660  
Long Beach, CA 90802  
Phone: (562) 435-3198 Fax: (562) 435-8329

**COPY BY FAX**

May 31, 2002

Jone Barrio  
Department of Toxic Substance Control  
File Review Unit  
1011 North Grandview Avenue  
Glendale, California 92101

**SUBJECT:** File Review Unit  
File Review for the Property Located at  
2475 North Forbes Avenue  
Claremont, CA 91711

Dear Ms. Barrio:

Environmental Geoscience is conducting an Environmental Site Assessment (ESA) in the City of Claremont for a future elementary school and requests a file review be conducted for the subject property located at:

2475 North Forbes Avenue  
Claremont, CA 91711

*NIR*

Please inform me at your earliest convenience if files are available for this site. If you have any questions or comments, please call me at (562) 435-3198.

Very truly yours,

Environmental Geoscience Services

Andrew Drummond  
Project Hydrogeologist

Received By:

JUN 03 2002

DTSC FILE ROOM

DEPARTMENT OF TOXIC SUBSTANCES CONTROL  
SOUTHERN CALIFORNIA REGION

MAY 31 2002

**RECEIVED**

PR30603027

Env\Geoscience\ProjectFiles\Claremont\Misc\FileRev001



# South Coast Air Quality Management District

21865 E. Copley Drive, Diamond Bar, CA 91765-4182  
(909) 396-2000 • www.aqmd.gov

Information Management  
Public Records Unit

Direct Dial (909) 396-3700  
Fax: (909) 396-3330

## COMPLETION LETTER

May 31, 2002

HENRY AMES  
ENVIRONMENTAL GEOSCIENCE SERVICES  
110 PINE AVE., # SUITE 660  
LONG BEACH, CA 90802

Ref.: CONTROL NO. 16972

Re: APPL'S, P/O'S & NOV'S FOR LA PUERTA ELEMENTARY  
SCHOOL, 2475 N. FORBES AVE., CLAREMONT, CA.

Your request for records dated May 31, 2002 was received and processed. After a thorough search of our 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<sup>x2594</sup>  
For Linda L. Mills  
Public Records Coordinator

LLM: CP



# South Coast Air Quality Management District

21865 E. Copley Drive, Diamond Bar, CA 91765-4182  
(909) 396-2000 • www.aqmd.gov

Information Management  
Public Records Unit

Direct Dial (909) 396-3700  
Fax:(909) 396-3330

## COMPLETION LETTER

June 06, 2002

HENRY AMES  
ENVIRONMENTAL GEOSCIENCE SERVICES  
110 PINE AVE., # SUITE 660  
LONG BEACH, CA 90802

Ref.: CONTROL NO. 16971

Re: N/C'S, AIR MON. & HRA FOR LA PUERTA ELEMENTARY  
SCHOOL, 2475 N. FORBES AVE., CLAREMONT, CA.

Your request for records dated May 31, 2002 was received and processed. After a thorough search of our 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<sup>x2594</sup>  
For Linda L. Mills  
Public Records Coordinator

LLM: CP





# South Coast Air Quality Management District

21865 E. Copley Drive, Diamond Bar, CA 91765-4182  
(909) 396-2000 • www.aqmd.gov

Information Management  
Public Records Unit

Direct Dial (909) 396-3700  
Fax:(909) 396-3330

## COMPLETION LETTER

June 07, 2002

HENRY AMES  
ENVIRONMENTAL GEOSCIENCE SERVICES  
110 PINE AVE., # SUITE 660  
LONG BEACH, CA 90802

Ref: CONTROL NO. 16974

Re: COMPLAINTS, I/R'S & ASBESTOS RECORDS FOR LA PUERTA  
ELEMENTARY SCHOOL, 2475 N. FORBES AVE., CLAREMONT,  
CA.

Your request for records dated May 31, 2002 was received and processed. After a thorough search of our 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<sup>x2594</sup>  
For Linda L. Mills  
Public Records Coordinator

LLM: CP

# APPENDIX H

## ASBESTOS INSPECTION REPORTS

**CLAREMONT UNIFIED SCHOOL  
DISTRICT**

**LA PUERTA ADULT SCHOOL**

2475 North Forbes Avenue  
Claremont, California 91711

**THREE-YEAR AHERA  
RE-INSPECTION REPORT**

**JULY 1992**

*Submitted by:*

**ENCORP**

P.O. Box 4250  
Redondo Beach, California 90278

213-374-1219

August 7, 1992

## **TABLE OF CONTENTS**

- I. INTRODUCTION**
- II. INSPECTION DATA**
  - A. HOMOGENEOUS AREA & MATERIAL REPORT**
  - B. ACBM OCCURRENCE REPORT**
  - C. FUNCTIONAL SPACE ASSESSMENT OF ACBM**
- III. CERTIFICATIONS**
- IV. SAMPLE ANALYSIS**
- V. APPENDIXES**
  - D. INFORMATION ABOUT AHERA 3-YEAR RE-INSPECTIONS**
  - E. GLOSSARY OF TERMS**
  - F. CRITERIA FOR PRIORITIZING ASBESTOS NEEDS**
  - G. SAMPLE NOTIFICATION LETTERS**
  - H. EPA RECOMMENDATIONS**



## INTRODUCTION:

In June, 1992, ENCORP performed a THREE YEAR AHERA REINSPECTION for the CLAREMONT UNIFIED SCHOOL DISTRICT to determine the condition of Asbestos Containing Building Materials (ACBM) in the District's facilities. ENCORP conducted the inspection and sampling for ACBM using AHERA protocol. Additional sampling was performed at four sites where the original sampling was inconclusive, or the materials were not sampled during the initial inspection. Assessments were based on the type of damage present, the overall ACBM condition, the activity level, the accessibility of ACBM, the level of air movement, the type of air-handling system the availability of air plenums, the type of venting, and the potential for disturbance within each functional space. The following includes a brief explanation of each section of this report, the survey results, and recommended actions.

## HOMOGENEOUS AREA AND MATERIAL INFORMATION:

This reports lists all materials that were sampled or assumed ACBM. Materials are divided into homogenous areas. An homogeneous area is an area which appears similar throughout in terms of color, texture, and date of material application. Estimated material quantity, distribution and sample results are included. The total quantities listed reflect the exposed material accessible to the occupants per building, and per level. ACBM is classified in the following three categories:

1. Surfacing Material (SURF): Examples include ACM sprayed-on or troweled onto surfaces, such as decorative plaster on ceilings or acoustical ACM on the underside of concrete slabs or decking, or fireproofing materials on structural members.
2. Thermal System Insulation (TSI): Examples include ACM applied to pipes, boilers, tanks, and ducts to prevent heat loss or gain, or condensation.
3. Miscellaneous ACM (MISC): Examples include asbestos-containing ceiling or floor tiles, textiles, and other components such as asbestos-cement panels, asbestos siding and roofing.

## ACBM OCCURRENCE REPORT:

This is a summary of all materials with positive sample results and/or assumed ACBM. In addition to the location and quantity, this includes an assessment of the material's condition, friability, removal priority and response action. (A friable material is one that is flaking or can be easily crumbled, pulverized or reduced to powder by hand pressure.) This section also contains the inspector's comments, and information concerning the presence of damaged or salient areas.

## FUNCTIONAL SPACE ASSESSMENT OF ACBM:

This report summarizes the specific criteria used to arrive at a hazard rank and abatement priority. In addition to sorting the ACBM by homogeneous areas, each homogenous area is further divided according to occupant types and activity levels (i.e., functional space). For example, ACBM found in a custodial closet (occasional use) is classified as an Maintenance Area, while the same material in a Lobby, exposed to employees and the public throughout the day, is classified as a Public Area. For this report, there were four classifications:

1. Service Areas: Examples include areas that would be disturbed very infrequently by employees to service equipment, such as attic utility areas (low activity).
2. Maintenance Areas: Examples include custodial closets and other areas that are used by maintenance staff but are not frequented by other employees or the public.
3. Administrative Areas: Examples include offices and areas used by employees by not frequented by the public.
4. Public Areas: Examples include lobby areas open to the general public (high activity).

Assessments were based on the condition of the material (physical damage/water damage/delamination), accessibility and air movement. This report also includes the recommended actions to be taken. Where damage to the material has occurred, repair and/or removal is recommended. An asbestos removal contractor can provide estimates to perform the removal or repair the material.

## SUMMARY AND RECOMMENDATIONS:

ENCORP'S Three-year AHERA reinspection of the CLAREMONT UNIFIED SCHOOL DISTRICT indicates that only minor changes to the condition of the Asbestos Containing Building Materials (ACBM) have occurred since the original inspection in 1988. These minor changes should not result in any additional exposure to the building occupants. Some of the ACBM have been removed and replaced with non-asbestos materials.

**Based on this reinspection, no immediate repair or removal actions are recommended. Normal operations and maintenance procedures should be maintained.**





**THREE YEAR  
INSPECTION  
JULY 1998**

# AHERA REINSPECTION REPORT

LEA NAME: Claremont Unified School District  
 CITY/STATE: Claremont, CA  
 CAMPUS NAME: La Puerta Adult School  
 CITY: Claremont  
 BUILDING NAME: Administration

DISTRICT NUMBER:  
 AHERA INSPECTOR: Ahmad Abdollahian  
 INSPECTION DATE: July 9-10, 1998  
 CERTIFICATION NUMBER: 99139  
 STATE CERT. NUMBER: CSST #97-2232

## INFORMATION FROM PREVIOUS REINSPECTION

HOMOGENEOUS SAMPLING AREA: N/A ASBESTOS: Yes FRIABLE: No  
 LOCATION: Public/Student Area SYSTEM: Flooring  
 ACM TYPE: 9x9 Floor Tile  
 DAMAGE CATEGORY: **ACBM with potential for damage**  
 REASON FOR DAMAGE: The material is observed to be in good condition  
 RECOMMENDED RESPONSE ACTION: O&M Maintain/Monitor  
 RESPONSE ACTION SCHEDULE: START DATE: July 1992 COMPLETION DATE: Ongoing  
 MATERIAL QUANTITIES: 450 SF

## RESULTS OF REINSPECTION AND REASSESSMENT

1.  This homogeneous area was reinspected and reassessed, in accordance with Section 763.85 and 763.88 of the AHERA, and its condition **HAS NOT CHANGED** when compared to the condition determined during the previous AHERA reinspection and as reported in the management plan on file at the appropriate locations within the LEA.

Inspector's signature: \_\_\_\_\_ See the attached signed and dated Inspector's Certification.

2.  This homogeneous area was reinspected and reassessed, in accordance with Section 763.85 and 763.88 of the AHERA, and its condition **HAS CHANGED** from that reported in the previous AHERA reinspection report and management plan. The new damage category is checked below.

The current **DAMAGE CATEGORY** is determined to be:

- |  |   |
|--|---|
| <input type="checkbox"/> 1. Significantly damaged thermal system insulating ACM. | <input type="checkbox"/> 6. Damaged friable miscellaneous ACM.                      |
| <input type="checkbox"/> 2. Damaged thermal system insulating ACM.               | <input type="checkbox"/> 7. ACBM with potential for significant damage.             |
| <input type="checkbox"/> 3. Significantly damaged friable surfacing ACM          | <input type="checkbox"/> 8. ACBM with potential for damage.                         |
| <input type="checkbox"/> 4. Damaged friable surfacing ACM.                       | <input type="checkbox"/> 9. Remaining friable ACBM and suspect friable ACBM.        |
| <input type="checkbox"/> 5. Significantly damaged friable miscellaneous ACM.     | <input checked="" type="checkbox"/> 10. Other: Location has changed to Classroom 2. |

**Definitions:**

- Significantly Damaged:  Greater than or equal to 10% damage evenly distributed over the entire material, or  
 greater than or equal to 25% damage within localized area of the material.
- Damaged:  Less than 10% damage evenly distributed over the entire material, or  
 less than 25% damage confined to a localized area of the material.

3. This material is:  friable  nonfriable.

4. A. The material is damaged because of:  physical contact;  water;  air flow;  deterioration;  delamination;  
 previous repair;  debris (similar in appearance to material);  other: \_\_\_\_\_

B. The potential for disturbance is:  high potential (HP);  moderate potential (MP);  low potential (LP),  
 due to the following:

(Worst condition determines potential for disturbance):

Frequency of Traffic:	HP	MP	LP
Maintenance Personnel	<input type="checkbox"/> Daily	<input type="checkbox"/> Weekly	<input type="checkbox"/> Monthly
Building Occupant	<input type="checkbox"/> Daily	<input type="checkbox"/> Weekly	<input type="checkbox"/> Monthly
Public	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Access Height	<input type="checkbox"/> < 10 ft.	<input type="checkbox"/> 10-25 ft.	<input type="checkbox"/> > 25 ft.
Presence in Air Plenum	<input type="checkbox"/> Supply	<input type="checkbox"/> Return	<input type="checkbox"/> No
Exposure of Material	<input type="checkbox"/> Open	<input type="checkbox"/> Moveable Barrier	<input type="checkbox"/> Fixed Barrier
Degree of Vibration/Noise	<input type="checkbox"/> High	<input type="checkbox"/> Moderate	<input type="checkbox"/> Low

5.  This Homogeneous **AREA WAS NOT ACCESSIBLE** for reinspection and reassessment for the following reasons:  
 1. Area was undergoing demolition;  2. Area under renovation;  3. Area permanently sealed off;  Other

6.  Samples taken on \_\_\_\_\_ by \_\_\_\_\_

Comments: \_\_\_\_\_

Inspector's signature:  See attached signed and dated Inspector's Certification

REPORT OF MANAGEMENT PLANNER REVIEW  
AND LEA RESPONSE

LEA NAME: Claremont Unified School District  
CITY/STATE: Claremont, CA  
SCHOOL CAMPUS NAME: La Puerta Adult School  
CITY: Claremont  
BUILDING NAME: Administration  
HOMOGENEOUS AREA NUMBER: N/A

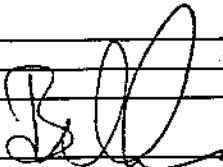
DISTRICT NUMBER: \_\_\_\_\_  
MANAGEMENT PLANNER: Bob Knapp  
MANAGEMENT PLAN REVIEW DATE: 8/28/98  
CERTIFICATION NUMBER: 88397  
STATE CERT. NUMBER: CAC #95-1772

In accordance with Sections 763.88 and 763.90 of the Asbestos Hazard Emergency Response Act the LEA must select a management planner to review the results of the reinspection and reassessment, and recommend appropriate response actions. The previous inspection report, the previous management plan, and the Report of Reinspection of the above identified homogeneous area have been reviewed in accordance with Sections 763.88 and 763.90 with the following recommendation:

- A. The **RESPONSE ACTION** recommendation in the previous management plan is still appropriate.
- B. The **RESPONSE ACTION** listed in the previous management plan should be **CHANGED** because changes in the condition of the asbestos-containing material as reported in the Report of Reinspection warrant a recommendation of:
- 1. **REPAIR** the damaged material.
  - 2. **REMOVE** the damaged material.
  - 3. **ENCLOSE** the damaged material.
  - 4. **ENCAPSULATE** the damaged material.
  - 5. **OPERATIONS AND MAINTENANCE** (O&M) program.
  - 6. **OTHER:** \_\_\_\_\_

Comments:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Management Planner's signature:  See attached signed and dated Management Planner's Certification.

The LEA's response to the above recommendation is:

- A. The recommended response action is **ACCEPTED**.  
Response action schedule is: Start Date: \_\_\_\_\_ Completion Date: \_\_\_\_\_
- B. The recommended response action is **NOT ACCEPTED**. The LEA's intended response action is:  
\_\_\_\_\_  
\_\_\_\_\_

Response action schedule is: Start Date: \_\_\_\_\_ Completion Date: \_\_\_\_\_

Individual authorized to sign for LEA:

Name: \_\_\_\_\_ Signature: \_\_\_\_\_  
Title: \_\_\_\_\_  
Telephone Number: \_\_\_\_\_ Date: \_\_\_\_\_

**AHERA REINSPECTION REPORT**

LEA NAME:	Claremont Unified School District	DISTRICT NUMBER:	
CITY/STATE:	Claremont, CA	AHERA INSPECTOR:	Ahmad Abdollahiar
CAMPUS NAME:	La Puerta Adult School	INSPECTION DATE:	July 9-10, 1998
CITY:	Claremont	CERTIFICATION NUMBER:	99139
BUILDING NAME:	Administration	STATE CERT. NUMBER:	CSST #97-2232

**INFORMATION FROM PREVIOUS REINSPECTION**

HOMOGENEOUS SAMPLING AREA:	N/A	ASBESTOS:	Yes	FRIABLE:	Yes
LOCATION:	Maintenance Area	SYSTEM:	TSI		
ACM TYPE:	3" Fitting				
DAMAGE CATEGORY:	<b>ACBM with potential for damage</b>				
REASON FOR DAMAGE:	The material is observed to be in good condition				
RECOMMENDED RESPONSE ACTION:	O&M Maintain/Monitor				
RESPONSE ACTION SCHEDULE:		START DATE:	July 1992	COMPLETION DATE:	Ongoing
MATERIAL QUANTITIES:	6 LF				

**RESULTS OF REINSPECTION AND REASSESSMENT**

1.  This homogeneous area was reinspected and reassessed, in accordance with Section 763.85 and 763.88 of the AHERA, and its condition **HAS NOT CHANGED** when compared to the condition determined during the previous AHERA reinspection and as reported in the management plan on file at the appropriate locations within the LEA.

Inspector's signature: \_\_\_\_\_ See the attached signed and dated Inspector's Certification

2.  This homogeneous area was reinspected and reassessed, in accordance with Section 763.85 and 763.88 of the AHERA, and its condition **HAS CHANGED** from that reported in the previous AHERA reinspection report and management plan. The new damage category is checked below.

The current **DAMAGE CATEGORY** is determined to be:

- |  |  |
|--|--|
| <input type="checkbox"/> 1. Significantly damaged thermal system insulating ACM. | <input type="checkbox"/> 6. Damaged friable miscellaneous ACM.                   |
| <input type="checkbox"/> 2. Damaged thermal system insulating ACM.               | <input type="checkbox"/> 7. ACBM with potential for significant damage.          |
| <input type="checkbox"/> 3. Significantly damaged friable surfacing ACM          | <input type="checkbox"/> 8. ACBM with potential for damage.                      |
| <input type="checkbox"/> 4. Damaged friable surfacing ACM.                       | <input type="checkbox"/> 9. Remaining friable ACBM and suspect friable ACBM.     |
| <input type="checkbox"/> 5. Significantly damaged friable miscellaneous ACM.     | <input checked="" type="checkbox"/> 10. Other: <b>Material was not observed.</b> |

**Definitions:**

Significantly Damaged:  Greater than or equal to 10% damage evenly distributed over the entire material, or  
 greater than or equal to 25% damage within localized area of the material.

Damaged:  Less than 10% damage evenly distributed over the entire material, or  
 less than 25% damage confined to a localized area of the material.

3. This material is:  friable  nonfriable.

4. A. The material is damaged because of:  physical contact;  water;  air flow;  deterioration;  delamination;  
 previous repair;  debris (similar in appearance to material);  other: \_\_\_\_\_

B. The potential for disturbance is:  high potential (HP);  moderate potential (MP);  low potential (LP),  
 due to the following:

(Worst condition determines potential for disturbance):

Frequency of Traffic:	HP	MP	LP
Maintenance Personnel	<input type="checkbox"/> Daily	<input type="checkbox"/> Weekly	<input type="checkbox"/> Monthly
Building Occupant	<input type="checkbox"/> Daily	<input type="checkbox"/> Weekly	<input type="checkbox"/> Monthly
Public	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Access Height	<input type="checkbox"/> < 10 ft.	<input type="checkbox"/> 10-25 ft.	<input type="checkbox"/> > 25 ft.
Presence in Air Plenum	<input type="checkbox"/> Supply	<input type="checkbox"/> Return	<input type="checkbox"/> No
Exposure of Material	<input type="checkbox"/> Open	<input type="checkbox"/> Moveable Barrier	<input type="checkbox"/> Fixed Barrier
Degree of Vibration/Noise	<input type="checkbox"/> High	<input type="checkbox"/> Moderate	<input type="checkbox"/> Low

5.  This Homogeneous **AREA WAS NOT ACCESSIBLE** for reinspection and reassessment for the following reasons:  
 1. Area was undergoing demolition;  2. Area under renovation;  3. Area permanently sealed off;  Other

6.  Samples taken on \_\_\_\_\_ by \_\_\_\_\_

Comments: \_\_\_\_\_

Inspector's signature: \_\_\_\_\_ See attached signed and dated Inspector's Certification

REPORT OF MANAGEMENT PLANNER REVIEW  
AND LEA RESPONSE

LEA NAME: Claremont Unified School District  
CITY/STATE: Claremont, CA  
CAMPUS NAME: La Puerta Adult School  
CITY: Claremont  
BUILDING NAME: Administration  
HOMOGENEOUS AREA NUMBER: N/A

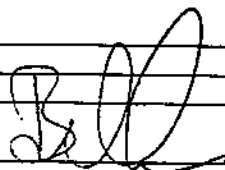
DISTRICT NUMBER: \_\_\_\_\_  
MANAGEMENT PLANNER: Bob Knapp  
MANAGEMENT PLAN REVIEW DATE: 8/28/98  
CERTIFICATION NUMBER: 88397  
STATE CERT. NUMBER: CAC #95-1772

In accordance with Sections 763.88 and 763.90 of the Asbestos Hazard Emergency Response Act the LEA must select a management planner to review the results of the reinspection and reassessment, and recommend appropriate response actions. The previous inspection report, the previous management plan, and the Report of Reinspection of the above identified homogeneous area have been reviewed in accordance with Sections 763.88 and 763.90 with the following recommendation:

- A. The **RESPONSE ACTION** recommendation in the previous management plan is still appropriate.
- B. The **RESPONSE ACTION** listed in the previous management plan should be **CHANGED** because changes in the condition of the asbestos-containing material as reported in the Report of Reinspection warrant a recommendation of:
- 1. **REPAIR** the damaged material.
  - 2. **REMOVE** the damaged material.
  - 3. **ENCLOSE** the damaged material.
  - 4. **ENCAPSULATE** the damaged material.
  - 5. **OPERATIONS AND MAINTENANCE (O&M)** program.
  - 6. **OTHER:** \_\_\_\_\_

Comments:

Management Planner's signature: \_\_\_\_\_  
Certification.



See attached signed and dated Management Planner's

The LEA's response to the above recommendation is:

- A. The recommended response action is **ACCEPTED**.  
Response action schedule is: Start Date: \_\_\_\_\_ Completion Date: \_\_\_\_\_
- B. The recommended response action is **NOT ACCEPTED**. The LEA's intended response action is:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Response action schedule is: Start Date: \_\_\_\_\_ Completion Date: \_\_\_\_\_

Individual authorized to sign for LEA:

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Date: \_\_\_\_\_

**AHERA REINSPECTION REPORT**

LEA NAME: Claremont Unified School District  
 CITY/STATE: Claremont, CA  
 CAMPUS NAME: La Puerta Adult School  
 CITY: Claremont  
 BUILDING NAME: Locker Rooms

DISTRICT NUMBER:  
 AHERA INSPECTOR: Ahmad Abdollahia  
 INSPECTION DATE: July 9-10, 1998  
 CERTIFICATION NUMBER: 99139  
 STATE CERT. NUMBER: CSST #97-2232

**INFORMATION FROM PREVIOUS REINSPECTION**

HOMOGENEOUS SAMPLING AREA: N/A ASBESTOS: Yes FRIABLE: Yes  
 LOCATION: Maintenance Area  
 ACM TYPE: Tank Insulation SYSTEM: TSI  
 DAMAGE CATEGORY: **ACBM with potential for damage**  
 REASON FOR DAMAGE: The material is observed to be in good condition  
 RECOMMENDED RESPONSE ACTION: O&M Maintain/Monitor  
 RESPONSE ACTION SCHEDULE: START DATE: July 1992 COMPLETION DATE: Ongoing  
 MATERIAL QUANTITIES: Not Available

**RESULTS OF REINSPECTION AND REASSESSMENT**

1.  This homogeneous area was reinspected and reassessed, in accordance with Section 763.85 and 763.88 of the AHERA, and its condition **HAS NOT CHANGED** when compared to the condition determined during the previous AHERA reinspection and as reported in the management plan on file at the appropriate locations within the LEA.

Inspector's signature:  See the attached signed and dated Inspector's Certification

2.  This homogeneous area was reinspected and reassessed, in accordance with Section 763.85 and 763.88 of the AHERA, and its condition **HAS CHANGED** from that reported in the previous AHERA reinspection report and management plan. The new damage category is checked below.

The current **DAMAGE CATEGORY** is determined to be:

- |  |  |
|--|--|
| <input type="checkbox"/> 1. Significantly damaged thermal system insulating ACM. | <input type="checkbox"/> 6. Damaged friable miscellaneous ACM.               |
| <input type="checkbox"/> 2. Damaged thermal system insulating ACM.               | <input type="checkbox"/> 7. ACBM with potential for significant damage.      |
| <input type="checkbox"/> 3. Significantly damaged friable surfacing ACM          | <input type="checkbox"/> 8. ACBM with potential for damage.                  |
| <input type="checkbox"/> 4. Damaged friable surfacing ACM.                       | <input type="checkbox"/> 9. Remaining friable ACBM and suspect friable ACBM. |
| <input type="checkbox"/> 5. Significantly damaged friable miscellaneous ACM.     |  |

**Definitions:**

Significantly Damaged:  Greater than or equal to 10% damage evenly distributed over the entire material, or  
 greater than or equal to 25% damage within localized area of the material.

Damaged:  Less than 10% damage evenly distributed over the entire material, or  
 less than 25% damage confined to a localized area of the material.

3. This material is:  friable  nonfriable.

4. A. The material is damaged because of:  physical contact;  water;  air flow;  deterioration;  delamination;  
 previous repair;  debris (similar in appearance to material);  other: \_\_\_\_\_

B. The potential for disturbance is:  high potential (HP);  moderate potential (MP);  low potential (LP),  
 due to the following:

(Worst condition determines potential for disturbance):

Frequency of Traffic:	HP	MP	LP
Maintenance Personnel	<input type="checkbox"/> Daily	<input type="checkbox"/> Weekly	<input type="checkbox"/> Monthly
Building Occupant	<input type="checkbox"/> Daily	<input type="checkbox"/> Weekly	<input type="checkbox"/> Monthly
Public	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Access Height	<input type="checkbox"/> < 10 ft.	<input type="checkbox"/> 10-25 ft.	<input type="checkbox"/> > 25 ft.
Presence in Air Plenum	<input type="checkbox"/> Supply	<input type="checkbox"/> Return	<input type="checkbox"/> No
Exposure of Material	<input type="checkbox"/> Open	<input type="checkbox"/> Moveable Barrier	<input type="checkbox"/> Fixed Barrier
Degree of Vibration/Noise	<input type="checkbox"/> High	<input type="checkbox"/> Moderate	<input type="checkbox"/> Low

5.  This Homogeneous **AREA WAS NOT ACCESSIBLE** for reinspection and reassessment for the following reasons:  
 1. Area was undergoing demolition;  2. Area under renovation;  3. Area permanently sealed off;  Other

6.  Samples taken on \_\_\_\_\_ by \_\_\_\_\_

Comments: \_\_\_\_\_

Inspector's signature: \_\_\_\_\_

See attached signed and dated Inspector's Certification

REPORT OF MANAGEMENT PLANNER REVIEW  
AND LEA RESPONSE

LEA NAME: Claremont Unified School District  
CITY/STATE: Claremont, CA  
AMPUS NAME: La Puerta Adult School  
ITY: Claremont  
BUILDING NAME: Locker Rooms  
HOMOGENEOUS AREA NUMBER: N/A

DISTRICT NUMBER: \_\_\_\_\_  
MANAGEMENT PLANNER: Bob Knapp  
MANAGEMENT PLAN REVIEW DATE: 8/28/98  
CERTIFICATION NUMBER: 88397  
STATE CERT. NUMBER: CAC #95-1772

In accordance with Sections 763.88 and 763.90 of the Asbestos Hazard Emergency Response Act the LEA must select a management planner to review the results of the reinspection and reassessment, and recommend appropriate response actions. The previous inspection report, the previous management plan, and the Report of Reinspection of the above identified homogeneous area have been reviewed in accordance with Sections 763.88 and 763.90 with the following recommendation:

- A. The **RESPONSE ACTION** recommendation in the previous management plan is still appropriate.
- B. The **RESPONSE ACTION** listed in the previous management plan should be **CHANGED** because changes in the condition of the asbestos-containing material as reported in the Report of Reinspection warrant a recommendation of:
- 1. **REPAIR** the damaged material.
  - 2. **REMOVE** the damaged material.
  - 3. **ENCLOSE** the damaged material.
  - 4. **ENCAPSULATE** the damaged material.
  - 5. **OPERATIONS AND MAINTENANCE (O&M)** program.
  - 6. **OTHER:** \_\_\_\_\_

Comments:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Management Planner's signature:  See attached signed and dated Management Planner's Certification.

The LEA's response to the above recommendation is:

- A. The recommended response action is **ACCEPTED**.  
Response action schedule is: Start Date: \_\_\_\_\_ Completion Date: \_\_\_\_\_
- B. The recommended response action is **NOT ACCEPTED**. The LEA's intended response action is:  
\_\_\_\_\_  
\_\_\_\_\_

Response action schedule is: Start Date: \_\_\_\_\_ Completion Date: \_\_\_\_\_

Individual authorized to sign for LEA:

Name: \_\_\_\_\_ Signature: \_\_\_\_\_  
Title: \_\_\_\_\_  
Telephone Number: \_\_\_\_\_ Date: \_\_\_\_\_

**AHERA REINSPECTION REPORT**

LEA NAME:	Claremont Unified School District	DISTRICT NUMBER:	
CITY/STATE:	Claremont, CA	AHERA INSPECTOR:	Ahmad Abdolfahiar
CAMPUS NAME:	La Puerta Adult School	INSPECTION DATE:	July 9-10, 1998
CITY:	Claremont	CERTIFICATION NUMBER:	99139
BUILDING NAME:	Locker Rooms	STATE CERT. NUMBER:	CSST #97-2232

**INFORMATION FROM PREVIOUS REINSPECTION**

HOMOGENEOUS SAMPLING AREA:	N/A	ASBESTOS:	Yes	FRIABLE:	Yes
LOCATION:	Maintenance Area	SYSTEM:	TSI		
ACM TYPE:	5" Fitting				
DAMAGE CATEGORY:	<b>ACBM with potential for damage</b>				
REASON FOR DAMAGE:	The material is observed to be in good condition				
RECOMMENDED RESPONSE ACTION:	O&M Maintain/Monitor				
RESPONSE ACTION SCHEDULE:		START DATE:	July 1992	COMPLETION DATE:	Ongoing
MATERIAL QUANTITIES:	27 EA				

**RESULTS OF REINSPECTION AND REASSESSMENT**

1.  This homogeneous area was reinspected and reassessed, in accordance with Section 763.85 and 763.88 of the AHERA, and its condition **HAS NOT CHANGED** when compared to the condition determined during the previous AHERA reinspection and as reported in the management plan on file at the appropriate locations within the LEA.

Inspector's signature: \_\_\_\_\_ See the attached signed and dated Inspector's Certification

2.  This homogeneous area was reinspected and reassessed, in accordance with Section 763.85 and 763.88 of the AHERA, and its condition **HAS CHANGED** from that reported in the previous AHERA reinspection report and management plan. The new damage category is checked below.

The current **DAMAGE CATEGORY** is determined to be:

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> 1. Significantly damaged thermal system insulating ACM. | <input type="checkbox"/> 6. Damaged friable miscellaneous ACM.               |
| <input type="checkbox"/> 2. Damaged thermal system insulating ACM.                          | <input type="checkbox"/> 7. ACBM with potential for significant damage.      |
| <input type="checkbox"/> 3. Significantly damaged friable surfacing ACM                     | <input type="checkbox"/> 8. ACBM with potential for damage.                  |
| <input type="checkbox"/> 4. Damaged friable surfacing ACM.                                  | <input type="checkbox"/> 9. Remaining friable ACBM and suspect friable ACBM. |
| <input type="checkbox"/> 5. Significantly damaged friable miscellaneous ACM.                |  |

**Definitions:**

- Significantly Damaged:  Greater than or equal to 10% damage evenly distributed over the entire material, or  greater than or equal to 25% damage within localized area of the material.
- Damaged:  Less than 10% damage evenly distributed over the entire material, or  less than 25% damage confined to a localized area of the material.

3. This material is:  friable  nonfriable.

4. A. The material is damaged because of:  physical contact;  water;  air flow;  deterioration;  delamination;  previous repair;  debris (similar in appearance to material);  other: \_\_\_\_\_

B. The potential for disturbance is:  high potential (HP);  moderate potential (MP);  low potential (LP), due to the following:

(Worst condition determines potential for disturbance):

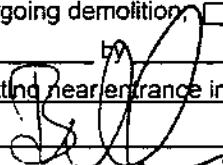
Frequency of Traffic:	HP	MP	LP
Maintenance Personnel	<input type="checkbox"/> Daily	<input checked="" type="checkbox"/> Weekly	<input type="checkbox"/> Monthly
Building Occupant	<input type="checkbox"/> Daily	<input checked="" type="checkbox"/> Weekly	<input type="checkbox"/> Monthly
Public	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Access Height	<input type="checkbox"/> < 10 ft.	<input checked="" type="checkbox"/> 10-25 ft.	<input type="checkbox"/> > 25 ft.
Presence in Air Plenum	<input type="checkbox"/> Supply	<input checked="" type="checkbox"/> Return	<input type="checkbox"/> No
Exposure of Material	<input type="checkbox"/> Open	<input checked="" type="checkbox"/> Moveable Barrier	<input type="checkbox"/> Fixed Barrier
Degree of Vibration/Noise	<input type="checkbox"/> High	<input checked="" type="checkbox"/> Moderate	<input type="checkbox"/> Low

5.  This Homogeneous **AREA WAS NOT ACCESSIBLE** for reinspection and reassessment for the following reasons:

1. Area was undergoing demolition;  2. Area under renovation;  3. Area permanently sealed off;  Other

o.  Samples taken on \_\_\_\_\_ by \_\_\_\_\_

Comments: One damaged fitting near entrance in doorway

Inspector's signature: 

See attached signed and dated Inspector's Certification



REPORT OF MANAGEMENT PLANNER REVIEW  
AND LEA RESPONSE

LEA NAME: Claremont Unified School District  
CITY/STATE: Claremont, CA  
SCHOOL CAMPUS NAME: La Puerta Adult School  
CITY: Claremont  
BUILDING NAME: Locker Rooms  
HOMOGENEOUS AREA NUMBER: N/A

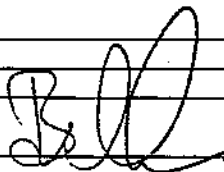
DISTRICT NUMBER: \_\_\_\_\_  
MANAGEMENT PLANNER: Bob Knapp  
MANAGEMENT PLAN REVIEW DATE: 8/28/98  
CERTIFICATION NUMBER: 88397  
STATE CERT. NUMBER: CAC #95-1772

In accordance with Sections 763.88 and 763.90 of the Asbestos Hazard Emergency Response Act the LEA must select a management planner to review the results of the reinspection and reassessment, and recommend appropriate response actions. The previous inspection report, the previous management plan, and the Report of Reinspection of the above identified homogeneous area have been reviewed in accordance with Sections 763.88 and 763.90 with the following recommendation:

- A. The **RESPONSE ACTION** recommendation in the previous management plan is still appropriate.
- B. The **RESPONSE ACTION** listed in the previous management plan should be **CHANGED** because changes in the condition of the asbestos-containing material as reported in the Report of Reinspection warrant a recommendation of:
- 1. **REPAIR** the damaged material.
  - 2. **REMOVE** the damaged material.
  - 3. **ENCLOSE** the damaged material.
  - 4. **ENCAPSULATE** the damaged material.
  - 5. **OPERATIONS AND MAINTENANCE (O&M)** program.
  - 6. **OTHER:** \_\_\_\_\_

Comments:

Management Planner's signature: \_\_\_\_\_  
Certification.



See attached signed and dated Management Planner's

The LEA's response to the above recommendation is:

- A. The recommended response action is **ACCEPTED**.  
Response action schedule is: Start Date: \_\_\_\_\_ Completion Date: \_\_\_\_\_
- B. The recommended response action is **NOT ACCEPTED**. The LEA's intended response action is:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- Response action schedule is: Start Date: \_\_\_\_\_ Completion Date: \_\_\_\_\_

Individual authorized to sign for LEA:

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Date: \_\_\_\_\_



CLAREMONT UNIFIED SCHOOL DISTRICT

Semi-Annual ACBM Inspection

June 30, 1994

La Puerta  
2475 N. Forbes Ave.  
Claremont, CA 91711

Building: Admin. Classrooms  
Location: Rooftop  
Description: 3" Fitting  
Condition: Good

Sample #1015 Results: Positive : 2nd pipe to left of door at tee  
Sample #1019 Results: Positive : 2nd pipe to left of door at elbow  
Sample #1020 Results: Positive : 2nd pipe to left of door at elbow

Building: Admin. Classrooms  
Location: Classroom #2  
Description: Floor tile  
Condition: Good

Sample #1004 Results: Positive : South east corner of room #2  
Sample #1022 Results: Positive : South west corner of room #2  
Sample #1003 Results: Positive : South east corner of room #2

Building: Locker room  
Location: Boiler room  
Description: 5" Fitting  
Condition: Good

Sample #1028 Results: Positive : 2nd pipe to left of door at tee  
Sample #1030 Results: Positive : 2nd pipe to left of door at elbow  
Sample #1029 Results: Positive : 2nd pipe to left of door at elbow  
Sample #1035 Results: Positive : North side of boiler room  
Sample #1036 Results: Positive : East side of boiler room  
Sample #1034 Results: Positive : West side of boiler room

Building: Locker room  
Location: Boiler room  
Description: Tank insulation  
Condition: Good

Samples: assumed, not tested

Comments:

Previously listed Room #606 is now shown as Room #2, correct identification.

Action Required: O & M

Inspected by: George Bryant, George Bryant Construction Services

CLAREMONT UNIFIED SCHOOL DISTRICT

Semi Annual AOCM Inspection

April 7, 1998

La Puente  
2475 N. Forbes Ave.  
Claremont, CA 91711

Building: Admin Classrooms  
Location: Rooftop  
Description: 2" Fitting  
Condition: Good

Sample #1015	Results:	Positive	:	2nd pipe to left of door at tee
Sample #1018	Results:	Positive	:	2nd pipe to left of door at elbow
Sample #1020	Results:	Positive	:	2nd pipe to left of door at elbow

Building: Admin Classrooms  
Location: Classroom #606  
Description: Floor Tile  
Condition: Good, see comments

Sample #1004	Results:	Positive	:	South east corner of room #606
Sample #1022	Results:	Positive	:	South west corner of room #606
Sample #1003	Results:	Positive	:	South east corner of room #606

Building: Locker room  
Location: Boiler room  
Description: 5" Fitting  
Condition: Good

Sample #1028	Results:	Positive	:	2nd pipe to left of door at tee
Sample #1030	Results:	Positive	:	2nd pipe to left of door at elbow
Sample #1029	Results:	Positive	:	2nd pipe to left of door at elbow
Sample #1035	Results:	Positive	:	North side of boiler room
Sample #1036	Results:	Positive	:	East side of boiler room
Sample #1034	Results:	Positive	:	West side of boiler room

Building: Locker room  
Location: Boiler room  
Description: Leak Insulation  
Condition: Good

Samples: assumed, not tested

Comments:

Room #606 - No room #606. Floor tile located in room 52

Action Required. O & M

Inspected by George Bryant, George Bryant Construction Services

# The Environmental Institute

## George Bryant

Has completed coursework and satisfactorily passed  
an examination that meets all criteria required for the  
EPA-Model Accreditation Course

Asbestos in Buildings:  
Inspection and Assessment

July 20-22, 1992

Course Date

3288-BI

Certificate Number

July 22, 1992

Examination Date

July 22, 1993

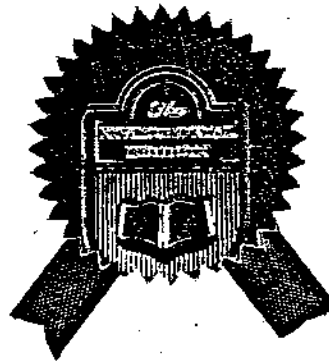
Expiration Date

Bruce R. Tringley

Course Director

Bruce R. Tringley

Exam Administrator



50 East Foothill Boulevard - Arcadia, CA 91006 - (818) 447-5216

# The Environmental Institute

George E. Bryant

Has completed coursework and satisfactorily passed  
an examination that meets all criteria required for the  
EPA-Model Accreditation Course

Asbestos in Buildings:  
The Management Planner

July 23-24, 1992

Course Date

3306-MP

Certificate Number

July 24, 1992

Examination Date

July 24, 1993

Expiration Date

Bruce R. Tringley

Course Director

Bruce R. Tringley

Exam Administrator



50 East Foothill Boulevard - Arcadia, CA 91006 - (818) 447-5216



# The Environmental Institute

George E. Bryant

Has completed course work that meets the criteria  
required for the EPA/AHERA-Approved Reaccreditation Course,  
and NESHAPS Regulations

Asbestos in Buildings:  
Project Designer Refresher

July 13, 1992

Course Date

3224-PDR

Certificate Number

July 13, 1992

Examination Date

July 13, 1993

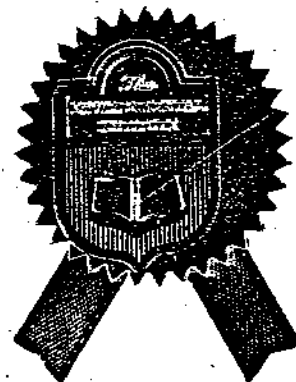
Expiration Date

Bruce R. Tringley

Course Director

Bruce R. Tringley

Exam Administrator



50 Foothill Boulevard - Arcadia, CA 91006 - (818) 447-5216

\* This course meets California requirements.

HOMOGENEOUS AREA AND MATERIAL INFORMATION  
 Performed by ENCORP

Site  
 24-H

CLIENT:	CLAREMONT UNIFIED SCHOOL DIST	BUILDING:	ADMIN.- CLASSROOMS
FACILITY:	LA PUERTA	LEVEL:	1
ADDRESS:	2475 N FORBES AVE	SECTION:	NA
	CLAREMONT, CA 91711	(Description):	NA

Material

1					
SYSTEM	EST.TOTAL		COMPONENT(S):	PIPE	
AFFECTED: TSI	QUANTITY: 6 FG		DESCRIPTION:	3" FITTING	
DESIGNATION:	ACBM		CONFIRMED ?:	N	ASSUMED ?:
				Y	INSPECTED ?:
					Y

OVERALL  
 DISTRIBUTION: ROOFTOP

\*Refer to ACBM Occurance Report

-----  
 AREA(S) NOT INSPECTED: NONE

COMMENTS: ----

Related Samples  
 24-H1

SAMPLE NO.	RESULT	LOCATION
1015	POSITIVE	2ND PIPE TO LEFT OF DOOR AT TEE
1019	POSITIVE	2ND PIPE TO LEFT OF DOOR AT ELBOW
1020	POSITIVE	2ND PIPE TO LEFT OF DOOR AT ELBOW
----	----	----
----	----	----
----	----	----

ASBESTOS CONTENT: ----

Date of Survey: June 23, 1992  
 Date of Report: August 12, 1992

INSPECTOR: VUONG NGUYEN  
 NUMBER: RBI 020792

HOMOGENEOUS AREA AND MATERIAL INFORMATION  
Performed by ENCORP

Site  
24-H

CLIENT: CLAREMONT UNIFIED SCHOOL DIST BUILDING: ADMIN. -CLASSROOMS  
FACILITY: LA PUERTA LEVEL: 1  
ADDRESS 2475 N FORBES AVE SECTION: NA  
CLAREMONT, CA 91711 (Description): NA

Material

2  
SYSTEM EST.TOTAL COMPONENT(s): FLOOR  
AFFECTED: MISC QUANTITY: 950 SQ.FT. DESCRIPTION: FLOOR TILE  
DESIGNATION: ACBM CONFIRMED?: N ASSUMED?: Y INSPECTED?: Y

OVERALL  
DISTRIBUTION: CLASSROOM 606

\*Refer to ACBM Occurance Report

-----  
AREA(s) NOT INSPECTED: NONE

COMMENTS: ----

Related Samples  
24-H2

SAMPLE NO.	RESULT	LOCATION
1004	POSITIVE	SOUTH EAST CORNER OF ROOM 606
1022	POSITIVE	SOUTH WEST CORNER OF ROOM 606
1003	POSITIVE	SOUTH EAST CORNER OF ROOM 606

ASBESTOS CONTENT: ----

Date of Survey: June 23, 1992  
Date of Report: August 12, 1992

INSPECTOR: VUONG NGUYEN  
NUMBER: RBI 020792

HOMOGENEOUS AREA AND MATERIAL INFORMATION  
Performed by ENCORP

Site  
24-H

CLIENT: CLAREMONT UNIFIED SCHOOL DIST  
FACILITY: LA PUERTA  
ADDRESS: 2475 N FORBES AVE  
CLAREMONT, CA 91711

BUILDING: LOCKER ROOM  
LEVEL: 1  
SECTION: NA  
(Description): NA

Material

3

SYSTEM: EST. TOTAL  
AFFECTED: TSI QUANTITY: 27 FG

COMPONENT(s): PIPE  
DESCRIPTION: 5" FITTING

DESIGNATION: ACBM

CONFIRMED?: N ASSUMED?: Y INSPECTED?: Y

OVERALL  
DISTRIBUTION: BOILER ROOM

\*Refer to ACBM Occurance Report

-----  
AREA(s) NOT INSPECTED: NONE

COMMENTS: -----

Related Samples  
24-H3

SAMPLE NO.	RESULT	LOCATION
1028	POSITIVE	2ND PIPE TO LEFT OF DOOR AT TEE
1030	POSITIVE	2ND PIPE TO LEFT OF DOOR AT ELBOW
1029	POSITIVE	2ND PIPE TO LEFT OF DOOR AT ELBOW
1035	POSITIVE	NORTH SIDE OF BOILER ROOM
1036	POSITIVE	EAST SIDE OF BOILER ROOM
1034	POSITIVE	WEST SIDE OF BOILER ROOM

ASBESTOS CONTENT: -----

Date of Survey: June 23, 1992  
Date of Report: August 12, 1992

INSPECTOR: VUONG NGUYEN  
NUMBER: RB1 020792

HOMOGENEOUS AREA AND MATERIAL INFORMATION  
Performed by ENCORP

Site  
24-H

CLIENT: CLAREMONT UNIFIED SCHOOL DIST  
FACILITY: LA PUERTA  
ADDRESS: 2475 N FORBES AVE  
CLAREMONT, CA 91711

BUILDING: LOCKER ROOM  
LEVEL: 1  
SECTION: NA  
(Description): NA

Material

4

SYSTEM  
AFFECTED: TSI EST.TOTAL  
QUANTITY: 200 SQ FT

COMPONENT(S): EQUIPMENT  
DESCRIPTION: TANK INSULATION

DESIGNATION: ACBM

CONFIRMED ? : N ASSUMED ? : Y INSPECTED ? : Y

OVERALL  
DISTRIBUTION: BOILER ROOM

\*Refer to ACBM Occurance Report

-----  
AREA(S) NOT INSPECTED: NONE

COMMENTS: ----

Related Samples

24-H4

SAMPLE NO.	RESULT	LOCATION
-----	-----	-----
----	----	----

ASBESTOS CONTENT: ----

Date of Survey: June 23, 1992  
Date of Report: August 12, 1992

INSPECTOR: VUONG NGUYEN  
NUMBER: RBI 020792



ACBM OCCURRENCE REPORT

CLIENT: CLAREMONT UNIFIED SCHOOL DIST  
FACILITY: LA PUERTA  
ADDRESS: 2475 N FORBES AVE  
CLAREMONT, CA 91711

Performed by ENCORP

\*\*\*\*\*  
BUILDING: ADMIN. -CLASSROOMS LEVEL 1  
AREA AFFECTED: PUBLIC/STUDENT AREA: CLASSROOM 606  
MISC: FLOOR: FLOOR TILE  
MAT.TYPE: MISC: FLOOR TILE  
CONDITION: GOOD / FRIABILITY: NON-FRIABLE  
TOTAL QUANTITY: 450 SQ FT  
Priority: 7  
Response Action: O & M  
Comment: Salient Friability: LOW  
\*\*\*\*\*

\*\*\*\*\*  
BUILDING: ADMIN. - CLASSROOMS LEVEL 1  
AREA AFFECTED: MAINTENANCE AREA: ROOFTOP  
MISC: 3" FITTING  
MAT.TYPE: MISC: 3" FITTING  
CONDITION: GOOD / FRIABILITY: NON-FRIABLE  
TOTAL QUANTITY: 6 FG  
Priority: 10  
Response Action: O & M  
Comment: Salient Friability: LOW  
\*\*\*\*\*

\*\*\*\*\*  
BUILDING: LOCKER ROOM LEVEL 1  
AREA AFFECTED: MAINTENANCE AREA: BOILER ROOM  
MISC: TANK INSULATION  
MAT.TYPE: MISC: TANK INSULATION  
CONDITION: / FRIABILITY:  
TOTAL QUANTITY: ---  
Priority: --  
Response Action: ---  
Comment: Damaged Qty.: ---  
Salient Friability: ---  
\*\*\*\*\*

\*\*\*\*\*  
BUILDING: LOCKER ROOM LEVEL 1  
AREA AFFECTED: MAINTENANCE AREA: BOILER ROOM  
MISC: 5" FITTING  
MAT.TYPE: MISC: 5" FITTING  
CONDITION: GOOD / FRIABILITY: NON-FRIABLE  
TOTAL QUANTITY: 27 FG  
Priority: 10  
Response Action: O & M  
Comment: Damaged Qty.: ---  
Salient Friability: LOW  
\*\*\*\*\*

Date of Survey: June 23, 1992  
Date of Report: August 12, 1992





Site  
24-H

CLIENT: CLAREMONT UNIFIED SCHOOL DIST  
FACILITY: LA PUERTA

BUILDING: ADMIN. -CLASSROOMS  
LEVEL: 1  
SECTION: NA

Functional Space

1 PUBLIC/STUDENT AREA:  
CLASSROOM 606

ACTIVITY LEVEL: HIGH

Air Circulation

MECH

SYSTEM: ----

CENTRAL: -  
LOCAL: -

VENTING:  
AIR MOVEMENT:

SUPPLY  
HIGH

Material

2

MISC ACBM  
QTY.EXPOSED: 450 SQ FT  
  
CONDITION: GOOD  
FRIABILITY: NON-FRIABLE

DESCRIPTION: FLOOR  
FLOOR TILE

CONTACT: HIGH Accessibility  
(Notes): ----

COMMENTS: ----  
QTY.DAMAGED: (---- ---- )

(Friability of salient: LOW )

BARRIER: ----

POTENTIAL FOR DISTURBANCE: LOW

[ PREVIOUS CONDITION: GOOD

PREVIOUS FRIABILITY: NON-FRIABLE ]

HAZARD RANK: --

RESR. ACTION: O & M

-----  
ESTIMATED COST: ----  
-----

START: ----  
COMPLETED: ----

Site  
24-H

CLIENT: CLAREMONT UNIFIED SCHOOL DIST  
FACILITY: LA PUERTA

BUILDING: ADMIN.- CLASSROOMS  
LEVEL: 1  
SECTION: NA

Functional Space

3 MAINTENANCE AREA:  
ROOFTOP

ACTIVITY LEVEL: LOW

Air Circulation

MECH SYSTEM: ---- CENTRAL: - VENTING: SUPPLY  
LOCAL: - AIR MOVEMENT: LOW

Material

1

TSI	ACBM		DESCRIPTION: PIPE
	QTY.EXPOSED:	6 FG	3" FITTING
	CONDITION:	GOOD	CONTACT: LOW Accessibility
	FRIABILITY:	NON-FRIABLE	(Notes): ----
	COMMENTS:	----	
	QTY.DAMAGED:	(---- ---- )	(Friability of salient: LOW )
	BARRIER:	----	
		POTENTIAL FOR DISTURBANCE: LOW	
	[ PREVIOUS CONDITION:	GOOD	PREVIOUS FRIABILITY: NON-FRIABLE ]

HAZARD RANK: --

RESR. ACTION: O & M

----- START: ----  
ESTIMATED COST: ---- COMPLETED: ----  
-----

Site  
24-H

CLIENT: CLAREMONT UNIFIED SCHOOL DIST  
FACILITY: LA PUERTA

BUILDING: LOCKER ROOM  
LEVEL: 1  
SECTION: NA

Functional Space  
3

MAINTENANCE AREA:  
BOILER ROOM

ACTIVITY LEVEL: LOW

Air Circulation  
MECH

SYSTEM: ----

CENTRAL: -  
LOCAL: -

VENTING: SUPPLY  
AIR MOVEMENT: LOW

Material  
3

TSI ACBM  
QTY.EXPOSED: 27 FG  
CONDITION: GOOD  
FRIABILITY: NON-FRIABLE

DESCRIPTION: PIPE  
5" FITTING  
CONTACT: MODERATE Accessibility  
(Notes): ----

COMMENTS: ----  
QTY.DAMAGED: (---- ---- )

(Friability of salient: LOW )

BARRIER: ----

POTENTIAL FOR DISTURBANCE: LOW

[ PREVIOUS CONDITION: GOOD

PREVIOUS FRIABILITY: NON-FRIABLE ]

HAZARD RANK: --

RESR. ACTION: O & M

-----  
ESTIMATED COST: ----  
-----

START: ----  
COMPLETED: ----



ASBESTOS CONSULTANT

State of California



Department of Industrial Relations  
DIVISION OF OCCUPATIONAL SAFETY AND HEALTH

*Certificate of Registration  
for  
Asbestos-related Work*

Certificate No. C-103

Expiration Date OCTOBER 16, 1992

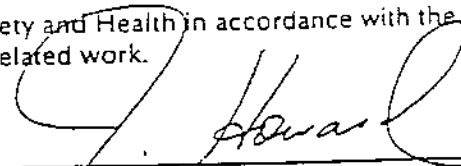
ENCORP

(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.

OCTOBER 17, 1991

Date of Issuance

  
Chief  
Division of Occupational Safety and Health

- 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.  
Keep Out."
  4. 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.
  5. 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.
  6. 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 Industrial Relations  
Division of Occupational Safety and Health  
P.O. Box 420603  
San Francisco, CA 94142  
415-703-5501



## PROVISIONAL CERTIFICATION FOR ASBESTOS CONSULTANT

This certificate allows William Franklin Bohning  
(name of asbestos consultant)

to practice as a "certified asbestos consultant" until September 30, 1992  
(month, day, year)

**Note:** Certified asbestos consultant is defined in Section 1529 of Title 8 of the California Code of Regulations. The issuance of this provisional certification is authorized by Section 7183(a) of the Business and Professions Code.

By J. Howell  
Chief, Division of Occupational Safety and Health

Date of Issue August 4, 1992  
(month, day, year)



THIS CERTIFIES THAT

**William F. Bohmings**

459-92-5426

CERTIFICATE # 106

SUCCESSFULLY COMPLETED

All course work and a written examination

**AHERA PROJECT DESIGNER  
ONE DAY RECERTIFICATION COURSE**

ON

July 11, 1992

THIS CERTIFICATE EXPIRES July 11, 1993

DNA Industrial Hygiene, Inc.  
15342 Hawthorne Blvd, Ste 207  
Lawndale, California 90260  
310/644-1924 EXT 243



DAN NAPIER, MS, CIH, CSP  
DAN NAPIER & ASSOCIATES



A.H.E.R.A. ACCREDITED

2/03/92-92  
CERTIFICATION NUMBER

## ASBESTOS CERTIFIED TRAINING

23214 Via Ladera, Valencia CA. 91355 - (805)253-2099

This is to certify that

**WILLIAM F BOHNING**

Social Security No.

**459-92-5426**

HAS SUCCESSFULLY COMPLETED THE REFRESHER COURSE FOR:

### ASBESTOS MANAGMENT PLANNER

AS PRESCRIBED BY THE ENVIRONMENTAL PROTECTION AGENCY  
FOR PRACTICES AND PROCEDURES IN ASBESTOS ABATEMENT.  
IN ACCORDANCE WITH 40 CFR.763 SUB E (AHERA)

**1/17/92 - 1/17/92**  
COURSE DATES

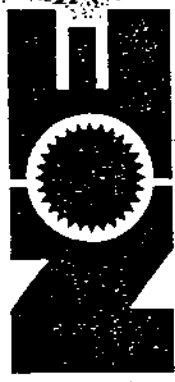
1/17/93  
EXPIRATION DATE

*Robert H. Guere*  
\_\_\_\_\_  
Program Director  
ASBESTOS CERTIFIED TRAINING



A.H.E.R.A. ACCREDITED

RBI 020792  
CERTIFICATE NUMBER



**NATIONAL ENVIRONMENTAL**  
TRAINING FOR HAZARDOUS MATERIALS AND ASBESTOS

1019 W. Manchester Blvd., Inglewood, CA 90301  
In Calif, (800) 544-8323 • (213) 645-4516 • Fax (213) 645-0148

This is to certify that

**VUONG BUC NGUYEN**

566-26-8913

HAS SUCCESSFULLY COMPLETED THE REFRESHER COURSE FOR  
BUILDING INSPECTOR AS PRESCRIBED BY THE ENVIRONMENTAL  
PROTECTION AGENCY.

FEBRUARY 7, 1992

(TRAINING DATE)



*James M. Farland*  
Program Director  
NATIONAL ENVIRONMENTAL

FEBRUARY 6, 1993  
EXPIRATION DATE



#### IV. SAMPLE ANALYSIS REPORTS

- ADDITIONAL SAMPLING  
WAS NOT NECESSARY AT  
THIS SCHOOL SITE

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**APPENDIX D**

**ANSWERS TO THE MOST FREQUENTLY  
ASKED QUESTIONS ABOUT REINSPECTIONS  
UNDER THE AHERA ASBESTOS-IN-  
SCHOOLS RULE**

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# Answers to the *Most Frequently Asked Questions* About Reinspections

Under the AHERA Asbestos-In-Schools Rule

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This document has been prepared in response to the many inquiries that have been received by the Environmental Protection Agency (EPA) concerning the reinspection requirements and related provisions of the Asbestos Hazard Emergency Response Act (AHERA) regulations.

The answers developed here represent the Agency's responses to the most frequently asked questions on this subject. We believe most problem areas have been addressed. However, it is likely that additional questions will occur as the reinspection cycle gets underway. This document is not intended to cover every conceivable query about the reinspection process. It should be used as an adjunct to the AHERA rule for additional clarification of the regulations.

Any questions not answered by this document can be referred to the appropriate Regional Asbestos Coordinator listed on the last page or the EPA Toxics Hotline in Washington, D.C. at 202/554-1404.

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Office of Toxics Substances  
Office of Pesticides and Toxic Substances  
U.S. Environmental Protection Agency  
Washington, D.C. 20460

May, 1991

# REINSPECTIONS

## Questions & Answers

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**Question 1:** *By what date must an LEA have had its school reinspected?*

**Answer:** Under AHERA, school buildings must be reinspected every three years. The first triennial reinspection must occur within three years after a management plan is in effect [See Section 763.85(b)]. Each LEA was required to develop a management plan no later than May 9, 1989. Implementation of the plan was required to begin by July 9, 1989. Therefore, the first round of three year reinspections must be completed by July 9, 1992.

---

**Question 2:** *If implementation of the management plan began prior to July 9, 1989, must the reinspection take place within three years of the actual date the plan was first implemented?*

**Answer:** YES. The original management plan should have contained reinspection guidelines. These guidelines should have emphasized that as part of implementing the management plan, all reinspection information must be incorporated into the document. If implementation of a management plan began prior to July 9, 1989, the first reinspection should take place within three years of the date the plan was first implemented. However, since implementation of all management plans had to begin no later than July 9, 1989, if the date when implementation first occurred cannot be specifically ascertained, reinspection must take place no later than July 9, 1992.

---

**Question 3:** *If a management plan was first implemented on January 10, 1989 and the LEA had a reinspection on January 10, 1992, could the second reinspection date be extended to July 9, 1995, or would it have to be done by January 10, 1995?*

**Answer:** Section 763.85 (b) requires reinspections to be done "at least once every three years." Therefore, the next triennial reinspection would have to be done on or before January 10, 1995, within three years of the first reinspection.

---

**Question 4:** *If the original inspection overlooked some asbestos-containing building materials (ACBM) or if some areas of the building were not accounted for in the first inspection, must the reinspection include the inspection, assessment and documentation of these overlooked areas?*

**Answer:** NOT REQUIRED by regulation BUT STRONGLY RECOMMENDED BY EPA. While it is not an AHERA requirement, we strongly urge all schools to reinspect those areas or

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materials in their buildings that may have been overlooked in their initial school inspections.

As a result of an EPA-sponsored AHERA evaluation study and various enforcement activities, it was discovered that, in the original inspections, certain categories of ACBM were frequently missed by inspectors and do not appear in many management plans. Therefore, inspectors conducting reinspections should make sure that materials such as ceiling tile, wallboard, plaster walls, linoleum, fire doors, duct insulation and vibration dampening cloth, which are considered suspect ACBM, are identified and included in the management plan.

The regulations regarding reinspections impose no requirement beyond reinspecting the materials and areas covered in the original inspection, plus any additional materials discovered subsequent to the original inspection; that is, reinspection encompasses "all friable and nonfriable known or assumed ACBM." [Section 763.85(b)(3)(i)]. EPA strongly recommends, however, that the reinspection be thorough so that any deficiencies in the original inspection will be addressed in the reinspection. Any actual or assumed ACBM not previously identified that is discovered during reinspection (or periodic surveillance) should be included in an update to the management plan. The update must include a management planner's recommendations for appropriate response actions based on an accredited inspector's assessment [See Section 763.88(d)].

---

*Question 5: If the time interval for a 6 month periodic surveillance inspection should coincide with the date for the reinspection, can the reinspection also satisfy the periodic surveillance requirement?*

**Answer:** YES, since reinspection includes everything that would be covered in the 6 month surveillance.

---

*Question 6: Is reinspection required for buildings in which no ACBM, known or assumed, was found in the original inspection, or where abatement subsequent to the original AHERA inspection removed all ACBM?*

**Answer:** NO. Since the AHERA rule confines the reinspection to "all friable and nonfriable known or assumed ACBM," reinspection is not required for buildings which contain no ACBM. However, in accordance with Sections 763.93(d) and (e), management plans should document the asbestos removal as a response action activity in accordance with Sections 763.94(b) and (g); or, if applicable, contain an inspection report or architect's statement that the building is asbestos-free; or that no ACBM was specified in its construction [see Sections 763.99(a)(6) and (7)]. Schools that have conducted asbestos abatement to remove all ACBM should conduct a reinspection in case some ACBM was missed. In addition, LEAs must



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continue to appoint a "designated person," retain their management plans indefinitely, and provide annual written notification to parent, teacher, and employee organizations of the availability of the plan.

---

*Question 7: Will areas of newly friable ACBM or assumed ACBM be required to undergo initial cleaning in accordance with Section 763.91?*

**Answer:** YES. If upon reinspection (or during a periodic surveillance) the condition of ACBM or assumed ACBM has changed from the original AHERA inspection to friable from nonfriable, and the building has not been cleaned since the original inspection, the following requirements as stated in Section 763.91(c)(1) will apply: "Initial cleaning. Unless the building has been cleaned using equivalent methods within the previous 6 months, all areas of a school building where friable ACBM, damaged or significantly damaged thermal system insulation ACM, or friable suspected ACBM assumed to be ACM are present shall be cleaned at least once after the completion of the inspection required by Section 763.85(a) and before the initiation of any response action, other than O & M activities or repair... "

---

*Question 8: AHERA requires that an an accredited management planner review the results of each inspection and assessment. Is this also required for reinspections?*

**Answer:** YES. Section 763.88(d) states that "the local education agency shall select a person accredited to develop management plans to review the results of each inspection, reinspection, and assessment for the school building and to conduct any other necessary activities in order to recommend in writing to the local education agency appropriate response actions."

The review and response action recommendations are particularly important if assessments of known or assumed ACBM have changed from the initial AHERA inspection, or if known or assumed ACBM, previously identified as nonfriable, has become friable.

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*Question 9: Must an LEA reinspect a building that is no longer in use as a school?*

**Answer:** NO. Section 763.85(b)(1) indicates that LEAs shall conduct a reinspection in buildings that they "lease, own, or otherwise use as a school building." However, if the building is not being used as a school at the time its reinspection would have occurred (even if the LEA continues to lease or own the building), the LEA must be able to certify that it is no longer using the building as a school. In addition, if an LEA has stopped using a building as a school, and later decides to use the building as a school, it must be reinspected in accordance with Section 763.85(b).

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*Question 10: When must an LEA reinspect a school brought into service after October 12, 1988?*

**Answer:** Section 763.85(a)(2) requires inspection of schools brought into service after October 12, 1988 prior to use of a building as a school. Section 763.93(a)(3) requires submission of a management plan for such schools to the Governor prior to use of the building. The management plan of a school building brought into service after October 12, 1988 would be in effect 90 days after submission of the plan to the State Governor unless the plan is disapproved. Reinspection must occur within 3 years of the date the plan is in effect, that is, 90 days after submission to the Governor.

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*Question 11: What reinspection records must be included in the management plan?*

**Answer:** In accordance with Section 763.85(b)(3)(vii), the following records must be included:

- The date of the reinspection, the name and signature of the person making the reinspection, State of accreditation, and, if applicable, his or her accreditation number.
- Any changes in the condition of known or assumed ACBM.
- The exact locations where samples were collected during the reinspection, a description of the manner used to determine sampling locations, the name and signature of each accredited inspector who collected the samples, State of accreditation and, if applicable, his or her accreditation number.
- Any assessments or reassessments made of friable material, the name and signature of the accredited inspector making the assessments, State of accreditation, and if applicable, his or her accreditation number.

In addition, the written recommendations of the management planner must be included in the management plan [See Section 763.88(d)].

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*Question 12: How should assessments or reassessments made as a result of the reinspection be documented?*

**Answer:** Sections 763.88(a)(1) and (2) require that the accredited inspector provide a written assessment of all known or assumed friable ACBM in the school building, and submit a copy of the assessment to the designated person within 30 days of the assessment. If there is no change in the material from the initial inspection, the accredited person can simply refer to the initial assessment.

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*Question 13: What are the necessary components of an AHERA reinspection?*

**Answer:** An accredited inspector should visually reinspect and reassess the condition of all known or assumed friable ACBM; visually inspect previously considered nonfriable ACBM and touch it to determine if it has become friable; identify homogeneous areas of material that have become friable since the last inspection; develop required records (detailed in the Answer to Question 11) and submit such records to the LEA's designated person within 30 days of reinspection.

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*Question 14: What are the required qualifications for the persons involved in the reinspection?*

**Answer:** The person conducting the reinspection must be accredited under AHERA as an inspector, and his/her accreditation must be current for the period in which the reinspection takes place. The management planner responsible for the review of the results of the reinspection and recommendations for response actions must be accredited as a management planner under AHERA and his/her accreditation must be current for the period in which the review of the reinspection takes place.

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*Question 15: When the management plan is revised as a result of the reinspection, does the updated plan have to be resubmitted to the State?*

**Answer:** NO. A management plan has to be submitted to the Governor of the State when it is first developed. AHERA does not require subsequent updates or other changes to the plan to be submitted to the State.

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**APPENDIX E**

**GLOSSARY OF TERMS**

## GLOSSARY OF TERMS

<b>ACBM</b>	Asbestos-containing building material, which includes surfacing material, thermal system insulation, or miscellaneous material that is found in or on interior structural members or other parts of a building.
<b>ACBM Condition</b>	<p><b>Good:</b> No visible damage or deterioration, or showing only very limited damage or deterioration.</p> <p><b>Damaged:</b> Physical injury or deterioration such that the internal structure of the material is inadequate, material which has delaminated such that its bond to the substrate is inadequate, or which lacks fiber cohesion or adhesion properties for any other reason. Thermal system insulation (TSI) is considered damaged when it is lacking part or all of its covering. Such damage may be shown by the separation of ACM into layers; flaking, blistering, or crumbling; water damage or stains; scrapes, mars or gouges; exposed TSI beneath its covering.</p> <p><b>Significantly Damaged:</b> Damage that is extensive and severe.</p>
<b>Administrator (EPA)</b>	The person appointed by the President to run the EPA.
<b>AHERA</b>	The Asbestos Hazard Emergency Response Act. This Act was signed into law on October 22, 1986 by President Reagan. It established the framework for a regulation which requires, among other things, that elementary and secondary schools identify asbestos-containing materials in school buildings, institute programs aimed at minimizing the risk of asbestos exposure in those buildings, and reinspect those materials at least every 3 years.
<b>AHERA regulation/rule</b>	40 CFR 763, Asbestos-Containing Materials in Schools: Final Rule and Notice, U.S. Environmental Protection Agency, February, 1987.

**AHERA 1-7 Categories**

Seven categories defined in the AHERA regulations, one of which must be assigned to each friable surfacing and miscellaneous ACBM and each asbestos-containing TSI during an inspection or reinspection.

1. Damaged or significantly damaged TSI ACBM.
2. Damaged friable surfacing ACBM.
3. Significantly damaged friable surfacing ACBM.
4. Damaged or significantly damaged friable miscellaneous ACBM.
5. ACBM with potential for damage.
6. ACBM with potential for significant damage.
7. Any remaining friable ACBM or friable suspected ACBM.

**AHERA Designated Person/Designated Person**

Person designated by the Local Education Agency to ensure that the AHERA requirements are properly implemented.

**Asbestos**

Naturally-occurring fibrous mineral used in many building materials, primarily for fireproofing, thermal system insulation, sound insulation, and decoration.

**Asbestos-containing**

Any material, when referring to school buildings, which contains more than one percent asbestos.

**Assessment**

Evaluation of the physical condition and potential for damage of all friable ACBM and asbestos-containing thermal system insulation. AHERA requires classification of each ACBM assessed into one of seven categories based on material type and damage/potential for damage.

**Assumed ACBM**

Suspect building material that has not been sampled and analyzed for asbestos content and must, therefore, be treated as an ACBM by the LEA.

**Bulk Sample**

A small portion (usually about thumbnail size) of a suspect asbestos-containing building material collected by the inspector for laboratory analysis to determine asbestos content.

<b>Completed Reinspection</b>	The entire process of the visual examination and assessment of known and assumed ACBM in a school building; recommended response actions by the management planner; and submission of reinspection findings and recommendations to the designated person. Reinspections are required by AHERA every 3 years after management plan implementation.
<b>Current Accreditation</b>	Having successfully completed an EPA-approved accreditation or refresher course within 1 year of the reinspection (for inspectors) or the management plan review (for management planners.)
<b>Encapsulation</b>	Treatment of asbestos-containing material with a liquid that covers the surface with a protective coating or embeds fibers in an adhesive matrix to prevent the release of asbestos fibers.
<b>Enclosure</b>	An airtight, impermeable, permanent barrier around asbestos-containing material to prevent the release of fibers.
<b>EPA</b>	U.S. Environmental Protection Agency.
<b>Evaluation Study</b>	An EPA report entitled <b>Evaluation of the Asbestos Hazard Emergency Response Act (AHERA)</b>
<b>Exclusion</b>	One of several situations which permits the LEA to delete one or more of the items required by AHERA. For example, records of previous sample collection and analysis may be used by the accredited inspector in lieu of AHERA bulk sampling.
<b>Exterior Areas</b>	Subdivision of areas of a building with one or more walls open to the outside, such as covered walkways or porticos.

<b>Form</b>	<p>Any document the inspector uses to record information for the reinspection, or for inspection of previously unidentified materials. Two forms were developed for this reinspection guide:</p> <p>Sample Reinspection Form 1. Original AHERA Inspection Information Abstracted from the Management Plan.</p> <p>Sample Reinspection Form 2. Reinspection of ACBM: Findings and Management Planner Recommendations.</p>
<b>Friable</b>	<p>When referring to a school building, material that, when dry, may be crumbled, pulverized, or reduced to powder by hand pressure. Includes previously nonfriable material after it becomes damaged to the extent that, when dry, it may be crumbled, pulverized, or reduced to powder by hand pressure.</p>
<b>Functional Space</b>	<p>Under AHERA, a room, group of rooms, or homogeneous area designated by a person accredited to prepare management plans, design abatement projects, or conduct response actions.</p>
<b>HEPA</b>	<p>High efficiency particulate air. A special type of filter used in equipment for removing asbestos fibers, e.g., vacuums, air filtration devices.</p>
<b>Homogeneous Sampling Area</b>	<p>In accordance with AHERA definitions, an area of surfacing material, TSI, or miscellaneous material that is uniform in color and texture.</p>
<b>HVAC</b>	<p>Heating, ventilation and air-conditioning systems in a building.</p>
<b>Identified Material</b>	<p>Any AHERA-defined suspect material found during the original AHERA inspection that was also recorded in the management plan for the building.</p>



<b>Local Education Agency (LEA)</b>	An educational agency at the local level that exists primarily to operate schools or to contract for educational services for elementary and secondary public and non-profit private schools. For non-profit private schools, this includes the building owner.
<b>Management Plan</b>	A document that each Local Education Agency is required to prepare under AHERA regulations. It describes all activities planned and undertaken by a school to comply with AHERA regulations, such as building inspections to identify asbestos-containing materials, response actions, and operations and maintenance programs to minimize the risk of exposure to asbestos in school buildings.
<b>Material Category</b>	Broad classification of suspect materials into TSI, surfacing material, and miscellaneous material.
<b>Miscellaneous Material</b>	Interior building material on structural components, such as floor or ceiling tiles. Does not include TSI or surfacing material.
<b>NESHAP</b>	National Emission Standards for Hazardous Air Pollutants, EPA rules under the Clean Air Act.
<b>Nonfriable</b>	Material that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.
<b>Operations and Maintenance Program (O&amp;M)</b>	Program of work practices to maintain friable ACBM in good condition, ensure cleanup of asbestos fibers previously released, and prevent future release by minimizing and controlling friable ACBM disturbance or damage.
<b>Original AHERA Inspection/Original Inspection</b>	Examination of school buildings arranged by Local Education Agency, pursuant to AHERA, to initially identify asbestos-containing materials, evaluate the condition of those materials, and take samples of materials suspected to contain asbestos. Inspections are performed by inspectors accredited by the EPA or by EPA-approved State accreditation programs.

<b>Periodic Surveillance</b>	A visual examination for any change in material condition of ACBM and assumed ACBM in a school building. AHERA requires a periodic surveillance at least once every 6 months.
<b>Previously Unidentified Material</b>	Any AHERA-defined suspect material present in a building at the time of the original AHERA inspection that is not reported in the management plan.
<b>Recorded Location</b>	An area in which a suspect material was present during the inspection, and which is indicated in the management plan as having the material present.
<b>Reinspection</b>	The re-examination, by an accredited inspector, of a school building for which an original AHERA inspection was previously performed, including a re-evaluation and response action recommendations by an accredited management planner. Reinspection of school buildings containing ACBM is required by AHERA regulations at least once every 3 years.
<b>Removal</b>	Taking out or stripping ACBM from an area, a functional space, or a homogeneous area.
<b>Repair</b>	Procedures used to patch or cover damaged asbestos-containing materials, other than enclosure or encapsulation. Examples include covering the damage with plastic sheeting, duct tape, or plaster.
<b>Resilient Sheet Flooring/ Linoleum</b>	A type of floor covering which is preformed in long sheets. Generally, the sheets are unrolled and secured to the floor with an adhesive. These commonly have a vinyl-based upper surface. The backing may contain asbestos.
<b>Response Actions</b>	Methods, including removal, encapsulation, enclosure, repair, and operations and maintenance, that protect human health and the environment from friable ACBM.

<b>Room/Area</b>	A well-defined space within a building, generally a distinct room, but also a hall, crawlspace, or other distinct space. This term may refer to the entire homogeneous sampling area or to a functional space but is generally a subset of these.
<b>School Building</b>	Any structure essential to the operation of a school and under the authority of the LEA, including classrooms, student housing, athletic facilities, administrative areas, garages, and maintenance areas. Several buildings may be present at one school.
<b>Surfacing Material</b>	Material sprayed or troweled onto structural members (beams, columns, or decking) for fire protection; or on ceilings or walls for fireproofing, acoustical or decorative purposes. Includes fireproofing, textured plaster, and other textured wall and ceiling surfaces.
<b>Suspect Material</b>	Building material suspected to contain asbestos because of past practices in its manufacture and use. Includes surfacing material, gypsum wallboard (also called sheetrock or drywall), floor tile, ceiling tile, thermal system insulation, and miscellaneous other materials. Suspect materials are classified as ABCM or non-ACBM by analyzing bulk samples to determine asbestos content.
<b>Total Amount</b>	Estimated amount (in square or linear feet) of suspect material in a building/s at the time of the original AHERA inspection.
<b>TSI</b>	Thermal system insulation. Material in a school building applied to pipes, fittings, boilers, breeching, tanks, ducts or other interior structural components to prevent heat loss or gain, or water condensation, or for other purposes.
<b>Underestimated Quantity</b>	The difference between the total amount of a suspect material found during the Evaluation Study and the amount of the same material recorded in the management plan, when the latter quantity is less than 80 percent of the former.

**Vibration Dampening  
Cloth (VDC)**

Cloth commonly found on ductwork where duct size changes, used to reduce noise.

**Wallboard**

Generic term for any wall surface installed as sheets, rather than applied wet. Includes gypsum wallboard (also called sheetrock or drywall), transite panels, etc.

## CRITERIA FOR PRIORITIZING ASBESTOS ABATEMENT NEEDS

PRIORITY	CRITERIA
1.	Friable or severely damaged asbestos-containing material (ACM), accessible to staff and students; footage of area.
2.	Friable or severely damages ACM in an air plenum; footage of area.
3.	Damaged ACM, accessible to staff or students; footage of area.
4.	Damaged ACM in an air plenum; footage of area exposed to plenum.
5.	Friable or severely damaged ACM; accessible to maintenance or custodial personnel during normal activities; footage of area.
6.	Damaged ACM; accessible to maintenance or custodial personnel during normal activities; footage of area
7.	Nonfriable, non-damaged ACM; easily accessible to staff and students; potential of a major or continuing disturbance; footage of area.
8.	Nonfriable, non-damaged ACM; accessible to staff and students; potential of a major or continuing disturbance; footage of area.
9.	Friable or severely damaged, or damaged ACM in an area not normally entered (attics and crawl space); footage of area.
10.	Nonfriable, non-damaged ACM; accessible to maintenance and custodial personnel during normal activities; footage of area.
11.	Nonfriable, non-damaged ACM in an area not normally entered (attics and crawl space).

Recommended Sample Reinspection Notification Letter

**EASTSIDE COMMUNITY PUBLIC SCHOOLS**

East Park Avenue  
Eastside, CA 91005  
(999) 922-3333

Bob Smith, Superintendent

**Notification of Asbestos Reinspections**

**TO:** Parents and Staff of Eastside Middle School  
**FROM:** Bob Smith, Superintendent of Schools  
**DATE:** December 15, 1991

In compliance with the U.S. Environmental Protection Agency (EPA) Asbestos Hazard Emergency Response Act (AHERA), in the fall of 1988 we performed inspections of each of our school buildings for asbestos-containing building materials. The inspection findings and asbestos management plans have been on file in each school administrative office since that time.

The EPA requires us to perform reinspections of the asbestos materials every three years. During the months of September through November 1991, accredited asbestos inspectors performed these reinspections. An accredited management planner reviewed the results of the reinspections and recommended actions we should take to safely manage each asbestos material in our buildings.

Two significant findings were noted during the reinspection of Eastside Middle School:

- Asbestos-containing water pipe insulation in the kitchen over the dishwasher is slowly deteriorating due to high humidity. The material is scheduled for removal over the Christmas break.
- Linoleum in all bathrooms was not included in the original AHERA inspection. The backing (between the vinyl layer and the floor) is assumed to contain asbestos. The vinyl layer is in good condition and provides an effective barrier, preventing asbestos fiber release. This material has been added to our asbestos maintenance program and we will monitor it for any changes in condition.

All other asbestos materials in this school are in good condition and we will continue to manage them in place, as recommended by the accredited management planner.

The results of the reinspection are on file in the management plan in the school's administrative office. Everyone is welcome to view these anytime during normal school hours (M-F, 8:00 a.m. - 4:30 p.m.). The Asbestos Program Manager, Jill Williams, is available to answer any questions you may have about asbestos in our buildings at (999) 922-3334.

**APPENDIX H**

**MESSAGE FROM THE  
ADMINISTRATOR OF EPA**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

MAR 6 1991

THE ADMINISTRATOR

An Advisory to the Public on Asbestos in Buildings:

The Facts About Asbestos in Buildings

In recent months, there have been a number of scientific and news reports about asbestos in buildings. Unfortunately, some of these may have confused, rather than enlightened, the public about the potential health risks of asbestos exposure and the Environmental Protection Agency's (EPA) policies regarding asbestos in schools and other buildings.

I want to summarize the EPA's policies for asbestos control in schools and other buildings. I am providing this summary in the form of five major facts that the Agency has presented in congressional testimony.

**FACT ONE:** Although asbestos is hazardous, human risk of asbestos disease depends upon exposure.

Asbestos is known to cause cancer and other diseases if asbestos fibers are inhaled into the lung and remain there. This conclusion is based upon studies involving human exposure, particularly exposure at high levels. A recent Science magazine article indicated exposure to chrysotile (common "white" asbestos) may be less likely to cause some asbestos-related diseases. Although there is more evidence of hazard for some types of asbestos, EPA believes there is reason to be concerned about other types, such as chrysotile, for which the data are less conclusive. Based on careful evaluation of available scientific evidence, EPA has adopted a prudent approach in its regulations of assuming that all fibers are of equal concern. Various scientific and regulatory organizations, including the National Academy of Sciences, support EPA's more protective regulatory approach.

It is important to stress that the mere presence of a hazardous substance, such as asbestos on an auditorium ceiling, no more implies that an asbestos-related disease will develop than a poisonous substance in a medicine cabinet or under a kitchen sink implies that a poisoning will occur. Asbestos fibers must be released from the material in which they are contained, and an individual must breathe those fibers in order to incur any chance of disease.



While scientists have been unable to agree on a level of asbestos exposure at which we, as public policy makers, can confidently say, "there is no risk," this does not mean that all or any exposure is inherently dangerous. To the contrary, almost every day we are exposed to some level of asbestos fibers in buildings or in the outdoor air. Based upon available data, very few among us, given existing regulatory controls, have contracted or will ever contract an asbestos-related disease from these relatively low levels of airborne fibers found in buildings. The present scientific evidence will not allow us to state unequivocally that there is a level of exposure below which there is a zero risk, but the risk at these low levels in fact could be negligible or even zero. The risks of asbestos disease can be higher from exposures that occur during mining, manufacturing, and use of some remaining asbestos products, for example, in the repair of automotive brakes.

**FACT TWO:** Prevailing asbestos levels in buildings -- the levels that school children and you and I face as building occupants -- seem to be very low, based upon available data. Accordingly, the health risk we face as building occupants also appears to be very low.

Indeed, a 1987 EPA study found that airborne fiber levels in a segment of Federal buildings with asbestos management programs were so low that the levels were in a range comparable to levels outside these buildings. While the data are not conclusive and we are seeking more information through a major research effort, the 1987 study appears to suggest that building occupants face only a minimal risk when their buildings have active asbestos management programs. Severe health problems attributed to asbestos exposure have generally been experienced by workers in industries such as shipbuilding, where they were constantly exposed to very high fiber levels in the air, often without any of the worker protections now afforded to them under the law. Of course, some building workers, if they are not properly trained and protected, may disturb asbestos-containing materials and, in so doing, increase the risk to themselves and others.

**FACT THREE:** Removal is often not a school district's or other building owner's best course of action to reduce asbestos exposure. In fact, an improper removal can create a dangerous situation where none previously existed.

It is important to understand that, for most situations, EPA's asbestos regulations for schools under the Asbestos Hazard Emergency Response Act (AHERA) do not require removal of asbestos. These regulations allow the school to decide whether asbestos removal, or some other response action, is the best option to protect the health of school students and employees. In general, asbestos removal is most appropriate when asbestos materials, such as pipe or boiler insulation, are damaged beyond repair.

Although we believe most asbestos removals are being conducted properly, asbestos removal practices by their very nature disturb the material and significantly elevate airborne fiber levels. Unless all safeguards are properly applied and strictly followed, exposure in the building can rise, perhaps to levels where we know disease can occur. Consequently, an ill-conceived or poorly conducted removal project can actually increase rather than eliminate risk.

**FACT FOUR:** EPA only requires asbestos removal in order to prevent significant public exposure to asbestos, such as during building renovation or demolition.

Prior to a major renovation or demolition, asbestos material that is likely to be disturbed or damaged to the extent that significant amounts of asbestos would be released must be removed using approved practices under EPA's asbestos National Emission Standard for Hazardous Air Pollutants (NESHAP) regulation. Demolishing a building containing large amounts of asbestos, for example, would likely result in significantly increased exposure and could create an imminent hazard. Clearly, asbestos removal before the wrecking ball swings into action is appropriate to protect public health. However, this cannot be said of arbitrary asbestos removal projects, which, as noted above, can actually increase health risk unless properly performed. This, in part, is why EPA has not mandated asbestos removal from schools or other buildings beyond the NESHAP requirement, which has the effect of gradually and rationally taking all remaining asbestos building materials out of the inventory.

**FACT FIVE:** EPA does recommend in-place management whenever asbestos is discovered.

Instead of removal, a conscientious in-place management program will usually control fiber releases, particularly when the materials are not significantly damaged and are not likely to be disturbed. That is why Congress mandated such a program in schools through AHERA.

In-place management, of course, does not mean "do nothing." It means, first, that the building owner or manager should identify asbestos, through a building-wide inventory or on a case-by-case basis before suspect materials are disturbed by renovations or other actions. The AHERA program requires an inventory of all asbestos materials in schools by properly accredited individuals.

After the material is identified, the school's personnel, building owner or manager can then institute controls to ensure that the day-to-day management of the building is carried out in a manner that prevents or minimizes the release of asbestos fibers into the air. These controls will ensure that when asbestos fibers are released, either accidentally or intentionally, proper management and cleanup procedures are implemented.

Another concern of EPA and other Federal, State and local agencies which regulate asbestos is to ensure proper worker training and protection. Maintenance and service workers in buildings, in the course of their daily activities, may disturb materials and can thereby elevate asbestos fiber levels, especially for themselves, if they are not properly trained and protected. For these persons, risk may be significantly higher than for other building occupants. Proper worker training and protection, as part of an active in-place management program, can reduce any unnecessary asbestos exposure for these workers and others. AHERA requires this training for school employees whose job activities may result in asbestos disturbances.

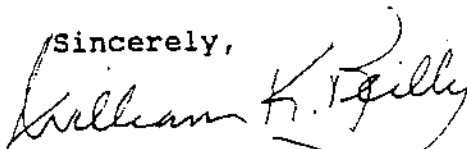
In addition to the steps outlined above, an in-place management program will usually include notification to workers and occupants of the existence of asbestos in their building, periodic surveillance of the material, and proper recordkeeping. EPA requires all of these activities for schools and strongly recommends that other building owners also establish comprehensive asbestos management programs. Without such programs, asbestos materials could be damaged or deteriorate, which may result in elevated levels of airborne asbestos fibers.

While the management costs of all the above activities will depend upon the amount, condition, and location of the materials, such a program need not be expensive. In many instances, an in-place management program may be all that is necessary to control the release of asbestos fibers, until the asbestos-containing material in a building is scheduled for removal because of renovation or demolition activities.

In summary, EPA's best advice on asbestos is neither to rip it all out in a panic nor to ignore the problem under the false presumption that asbestos is "risk free." Rather, we recommend a practical approach that protects public health by emphasizing that asbestos material in buildings should be located, that it should be appropriately managed, and that those workers who may disturb it should be properly trained and protected. That has been, and continues to be, EPA's position.

If you have questions or need additional information about asbestos in schools and other buildings, please call EPA's Toxics Hotline at (202) 554-1404 or write the Environmental Assistance Division (TS-799), Office of Pesticides and Toxics Substances, 401 M Street, Washington, DC 20460.

Sincerely,



William K. Reilly

William K. Reilly



**CLAREMONT USD  
MAINTENANCE**

**THREE-YEAR AHERA  
RE-INSPECTION REPORT**

**JULY 2000**

*Submitted by:*

**ENCORP**

**615 North Nash Street, Suite 203  
El Segundo, CA 90245**

**(310) 640-9811**

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# **I. EXECUTIVE SUMMARY**



**ENCORP**

ENVIRONMENTAL MANAGEMENT & SERVICES

615 N. NASH STREET  
SUITE 203  
EL SEGUNDO, CA 90245  
PH (310) 640-9811  
FAX (310) 640-9804

August 14, 2000

Mr. John Kettle  
Director of Maintenance and Operations  
**CLAREMONT UNIFIED SCHOOL DISTRICT**  
2080 North Mountain Avenue  
Claremont, California 91711

**RE: THREE-YEAR AHERA RE-INSPECTION CLAREMONT UNIFIED SCHOOL DISTRICT**

Dear Mr. Fielding:

ENCORP recently completed the Three Year AHERA Re-inspection of the entire CLAREMONT UNIFIED SCHOOL DISTRICT. Enclosed, please find a summary report for those school sites that have items, which our inspector determined to need immediate attention. Two complete copies of the final inspection report are included with this summary report.

I will be available at your convenience to discuss the report in detail. Please feel free to contact me at (310) 640-9811. Thank you.

Sincerely,

Timothy D. Galeana  
Certified Asbestos Consultant  
#98-2470

## **EXECUTIVE SUMMARY**

**ENCORP** was retained by the **CLAREMONT UNIFIED SCHOOL DISTRICT** to conduct the **Three Year AHERA Re-inspection** of all District facilities. This re-inspection was conducted during July of 2000. The physical inspection of the sites was conducted by Mr. Paul Cota, a California Certified Site Surveillance Technician. A **CLAREMONT UNIFIED SCHOOL DISTRICT** representative provided access to the sites for Mr. Cota. The inspection and management planner's review was completed during August 2000.

## **SCOPE OF VISIT**

**ENCORP** completed an assessment of identified asbestos containing building materials (ACBMs) within all the schools, special training facilities, maintenance and operations facilities, and miscellaneous support facilities within the **CLAREMONT UNIFIED SCHOOL DISTRICT**. The Re-inspection consisted of a thorough review of all previous inspection reports, asbestos removal reports, and site plans, along with a visual inspection of all suspect materials at each site. Upon completion of each site inspection, the condition and friability of all previously identified, and newly identified materials, was reviewed and reassessed.

## **RESULTS OF SURVEY**

**ENCORP** is pleased to report that the facilities within the **CLAREMONT UNIFIED SCHOOL DISTRICT** appear to be exceptionally well maintained. Although some minor damage areas were identified, the asbestos containing building materials remaining within the **CLAREMONT UNIFIED SCHOOL DISTRICT** are being professionally managed and controlled by an extremely active Operations and Maintenance Plan.

## **AREAS WITHIN THE DISTRICT REQUIRING ATTENTION**

**ENCORP** identified some asbestos containing flooring material and thermal systems insulation that were found to be damaged during this inspection. The areas that require attention are highlighted for each affected school site within the District in the Executive Summary. Most of the areas identified are broken, missing, or loose floor tiles. Replacement of damaged tiles is considered a viable alternative until full abatement actions can be accomplished.

## **CONCLUSIONS AND RECOMMENDATIONS**

Visual assessment of asbestos containing building materials remaining within the **CLAREMONT UNIFIED SCHOOL DISTRICT** revealed the school sites within the **DISTRICT** are very well maintained.

Specific information relative to individual facilities within the **CLAREMONT UNIFIED SCHOOL DISTRICT** is outlined on the following pages.

## ELEMENTARY SCHOOLS

### CHAPARRAL ELEMENTARY SCHOOL

#### Asbestos Containing Materials

All Asbestos Containing Materials (ACM) identified at this site were found to be in good condition at the time of the inspection. No immediate actions are required at this site. Continued monitoring of these materials under the O & M program are required.

### CONDIT ELEMENTARY SCHOOL

#### Asbestos Floor Tile

Classrooms 13 - 16 in the G Building have loose, damaged, or missing floor tiles. Where the tiles are missing, the mastic is exposed. It is recommended that these tiles be replaced to prevent further damage, and to prevent fiber release from abrasion from the exposed mastic.

### MOUNTAIN VIEW ELEMENTARY SCHOOL

#### Asbestos Containing Materials

All Asbestos Containing Materials (ACM) identified at this site were found to be in good condition at the time of the inspection. No immediate actions are required at this site. Continued monitoring of these materials under the O & M program are required.

## **OAKMONT SCHOOL**

### **Asbestos Containing Materials**

All Asbestos Containing Materials (ACM) identified at this site were found to be in good condition at the time of the inspection. No immediate actions are required at this site. Continued motoring of these materials under the O & M program are required.

## **SUMNER ELEMENTARY SCHOOL**

### **Asbestos Containing Materials**

All Asbestos Containing Materials (ACM) identified at this site were found to be in good condition at the time of the inspection. No immediate actions are required at this site. Continued motoring of these materials under the O & M program are required.

## **SYCAMORE ELEMENTARY SCHOOL**

### **Asbestos Containing Materials**

All Asbestos Containing Materials (ACM) identified at this site were found to be in good condition at the time of the inspection. No immediate actions are required at this site. Continued motoring of these materials under the O & M program are required.

## **VISTA DEL VALLE ELEMENTARY SCHOOL**

### **Asbestos Containing Materials**

All Asbestos Containing Materials (ACM) identified at this site were found to be in good condition at the time of the inspection. No immediate actions are required at this site. Continued motoring of these materials under the O & M program are required.

## INTERMEDIATE SCHOOL

### EL ROBLE INTERMEDIATE SCHOOL

#### Thermal Systems Insulation

The paper wrap in the heater room of the Administration Building is damaged. This material is extremely friable when damaged, and should be removed or repaired as soon as feasible in order to prevent fiber release.

## HIGH SCHOOLS

### CLAREMONT HIGH SCHOOL

#### Asbestos Containing Materials

All Asbestos Containing Materials (ACM) identified at this site were found to be in good condition at the time of the inspection. No immediate actions are required at this site. Continued motoring of these materials under the O & M program are required.

### SAN ANTONIO HIGH SCHOOL

#### Asbestos Containing Materials

All Asbestos Containing Materials (ACM) identified at this site were found to be in good condition at the time of the inspection. No immediate actions are required at this site. Continued motoring of these materials under the O & M program are required.

## DISTRICT SITES

### DISTRICT OFFICE

#### Asbestos Containing Materials

All Asbestos Containing Materials (ACM) identified at this site were found to be in good condition at the time of the inspection. No immediate actions are required at this site. Continued monitoring of these materials under the O & M program are required.

### DISTRICT MAINTENANCE FACILITIES

#### Asbestos Floor Tile

The furniture fix room in the Warehouse and the storage room in the Garage have missing, loose, or damaged floor tiles. Where the tiles are missing, the mastic is exposed. It is recommended that these tiles be replaced or repaired to prevent further damage, and to prevent fiber release from abrasion of the exposed mastic.

### LA PUERTA ADULT SCHOOL

#### Thermal Systems Insulation

The pipe fittings in the boiler room of the Locker Room are damaged. This material is extremely friable when damaged, and should be removed as soon as feasible to prevent fiber release into adjacent areas.

### ALL SITES WITH HVAC FLEXIBLE CONNECTORS

The flexible connectors found in the heater closets, mechanical rooms and boiler rooms at various sites in the school district if not mentioned in the executive summary as damaged can be considered to be in good condition. However, due to the high content of asbestos found in this material and the nature of its use there will always be a potential for fiber release. It is recommended that this material be removed as soon as feasible and replaced with a new non-asbestos material to remove the possibility of a fiber release.





## **II. INSPECTION DATA**



## THREE YEAR AHERA REINSPECTION REPORT

**District:** CLAREMONT UNIFIED SCHOOL DIST.

**School:** MAINTENANCE FACILITIES

**Site Code:** 24-N

**Date of Report:** 08/14/2000

**Inspector:** PAUL COTA

**Inspection Date:** 07/24/2000

Building	Space or Rooms	Material Type	ACM (Material)	Total Quantity	Friability	Priority	Comment	Recommended Action
1 - WAREHOUSE	FILE ROOM	SURF	SMOOTH PLASTER	1800 SQ FT	NON	7	MATERIAL INTACT	O & M PROGRAM
1 - WAREHOUSE	SUPERVISOR'S OFFICE, FURNITURE FIX ROOM	MISC.	9" FLOOR TILE	1100 SQ FT	NON	3	MATERIAL DAMAGED IN THE FURNITURE FIX ROOM	REPAIR DAMAGED MATERIAL AND O&M PROGRAM
2 - MAINTENANCE OFFICE	RESTROOM, LOUNGE, CARPENTRY ROOM	MISC.	9" FLOOR TILE	2200 SQ FT	NON	7	MATERIAL INTACT	O & M PROGRAM
3 - AUDIO / VIDEO	A.V. ROOM, MAINTENANCE SUPPLY ROOM, PORTABLE	SURF.	SPRAY ON CEILING	1296 SQ FT	HIGH	1	MATERIAL IN FAIR CONDITION	O & M PROGRAM AND REMOVE WHEN FEASIBLE
GARAGE (STORAGE)	STORE ROOM	MISC.	9" FLOOR TILE	110 SQ FT	NON	3	MATERIAL DAMAGED - WATER DAMAGE	REPAIR DAMAGED MATERIAL AND O&M PROGRAM



### **III. CERTIFICATIONS**

DEPARTMENT OF INDUSTRIAL RELATIONS  
DIVISION OF OCCUPATIONAL SAFETY AND HEALTH  
ASBESTOS CONSULTANT CERTIFICATION UNIT

2211 Park Towne Circle, Suite 1  
Monterey Park, CA 95825  
(916) 574-2993 Fax (916) 483-0572



809022470C                      169   173  
Timothy                      Galeana  
130-A West Lemon  
Monrovia                      CA   91016

September 10, 1999

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  
Senior Industrial Hygienist.

RA/dor

Attachment card  
Reminder Notice

cc File

pass1 3/96

State of California  
Division of Occupational Safety and Health  
Certified Asbestos Consultant

Timothy D. Galeana



Name  
Certification No. 98-2470  
Expires on 11/16/2000

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code

EN 000407

A.H.E.R.A. ACCREDITED

CERTIFICATE NUMBER



23214 VIA LADERA, VALENCIA CA. 91355 - (805)253-2099

This is to certify that

*PAUL COTA*

Social Security No.

554-57-6186

HAS SUCCESSFULLY COMPLETED THE REFRESHER COURSE FOR

**ASBESTOS BUILDING INSPECTOR**

AS PRESCRIBED BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY FOR PROCEDURES IN ASBESTOS ABATEMENT IN ACCORDANCE WITH 40 CFR 763 SUB E (AHERA).

6/24/00

COURSE DATES

6/24/01

EXPIRATION DATE



*WFB*  
PROGRAM DIRECTOR







## **IV. APPENDIXES**

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# **APPENDIX A**

**APPENDIX A**

**ANSWERS TO THE MOST FREQUENTLY  
ASKED QUESTIONS ABOUT REINSPECTIONS  
UNDER THE AHERA ASBESTOS-IN-SCHOOL RULE**

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# Answers to the *Most Frequently Asked Questions* About Reinspections

Under the AHERA Asbestos-In-Schools Rule

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This document has been prepared in response to the many inquiries that have been received by the Environmental Protection Agency (EPA) concerning the reinspection requirements and related provisions of the Asbestos Hazard Emergency Response Act (AHERA) regulations.

The answers developed here represent the Agency's responses to the most frequently asked questions on this subject. We believe most problem areas have been addressed. However, it is likely that additional questions will occur as the reinspection cycle gets underway. This document is not intended to cover every conceivable query about the reinspection process. It should be used as an adjunct to the AHERA rule for additional clarification of the regulations.

Any questions not answered by this document can be referred to the appropriate Regional Asbestos Coordinator listed on the last page or the EPA Toxics Hotline in Washington, D.C. at 202/554-1404.

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Office of Toxic Substances  
Office of Pesticides and Toxic Substances  
U.S. Environmental Protection Agency  
Washington, D.C. 20460

May, 1991

# REINSPECTIONS

## Questions & Answers

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*Question 1: By what date must an LEA have had its school reinspected?*

**Answer:** Under AHERA, school buildings must be reinspected every three years. The first triennial reinspection must occur within three years after a management plan is in effect [See Section 763.85(b)]. Each LEA was required to develop a management plan no later than May 9, 1989. Implementation of the plan was required to begin by July 9, 1989. Therefore, the first round of three year reinspections must be completed by July 9, 1992.

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*Question 2: If implementation of the management plan began prior to July 9, 1989, must the reinspection take place within three years of the actual date the plan was first implemented?*

**Answer:** YES. The original management plan should have contained reinspection guidelines. These guidelines should have emphasized that as part of implementing the management plan, all reinspection information must be incorporated into the document. If implementation of a management plan began prior to July 9, 1989, the first reinspection should take place within three years of the date the plan was first implemented. However, since implementation of all management plans had to begin no later than July 9, 1989, if the date when implementation first occurred cannot be specifically ascertained, reinspection must take place no later than July 9, 1992.

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*Question 3: If a management plan was first implemented on January 10, 1989 and the LEA had a reinspection on January 10, 1992, could the second reinspection date be extended to July 9, 1995, or would it have to be done by January 10, 1995?*

**Answer:** Section 763.85 (b) requires reinspections to be done "at least once every three years." Therefore, the next triennial reinspection would have to be done on or before January 10, 1995, within three years of the first reinspection.

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*Question 4: If the original inspection overlooked some asbestos-containing building materials (ACBM) or if some areas of the building were not accounted for in the first inspection, must the reinspection include the inspection, assessment and documentation of these overlooked areas?*

**Answer:** NOT REQUIRED by regulation BUT STRONGLY RECOMMENDED BY EPA. While it is not an AHERA requirement, we strongly urge all schools to reinspect those areas or

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materials in their buildings that may have been overlooked in their initial school inspections.

As a result of an EPA-sponsored AHERA evaluation study and various enforcement activities, it was discovered that, in the original inspections, certain categories of ACM were frequently missed by inspectors and do not appear in many management plans. Therefore, inspectors conducting reinspections should make sure that materials such as ceiling tile, wallboard, plaster walls, linoleum, fire doors, duct insulation and vibration dampening cloth, which are considered suspect ACM, are identified and included in the management plan.

The regulations regarding reinspections impose no requirement beyond reinspect the materials and areas covered in the original inspection, plus any additional materials discovered subsequent to the original inspection; that is, reinspection encompasses "all friable and nonfriable known or assumed ACM." [Section 763.85(b)(3)(i)]. EPA strongly recommends, however, that the reinspection be thorough so that any deficiencies in the original inspection will be addressed in the reinspection. Any actual or assumed ACM not previously identified that is discovered during reinspection (or periodic surveillance) should be included in an update to the management plan. The update must include a management planner's recommendations for appropriate response actions based on an accredited inspector's assessment [See Section 763.88(d)].

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**Question 5:** *If the time interval for a 6 month periodic surveillance inspection should coincide with the date for the reinspection, can the reinspection also satisfy the periodic surveillance requirement?*

**Answer:** YES, since reinspection includes everything that would be covered in the 6 month surveillance.

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**Question 6:** *Is reinspection required for buildings in which no ACM, known or assumed, was found in the original inspection, or where abatement subsequent to the original AHERA inspection removed all ACM?*

**Answer:** NO. Since the AHERA rule confines the reinspection to "all friable and nonfriable known or assumed ACM," reinspection is not required for buildings which contain no ACM. However, in accordance with Sections 763.93(d) and (e), management plans should document the asbestos removal as a response action activity in accordance with Sections 763.94(b) and (g); or, if applicable, contain an inspection report or architect's statement that the building is asbestos-free; or that no ACM was specified in its construction [see Sections 763.99(a)(6) and (7)]. Schools that have conducted asbestos abatement to remove all ACM should conduct a reinspection in case some ACM was missed. In addition, LEAs must



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continue to appoint a "designated person," retain their management plans indefinitely, and provide annual written notification to parent, teacher, and employee organizations of the availability of the plan.

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*Question 7: Will areas of newly friable ACBM or assumed ACBM be required to undergo initial cleaning in accordance with Section 763.91?*

**Answer:** YES. If upon reinspection (or during a periodic surveillance) the condition of ACBM or assumed ACBM has changed from the original AHERA inspection to friable from nonfriable, and the building has not been cleaned since the original inspection, the following requirements as stated in Section 763.91(c)(1) will apply: "Initial cleaning. Unless the building has been cleaned using equivalent methods within the previous 6 months, all areas of a school building where friable ACBM, damaged or significantly damaged thermal system insulation ACM, or friable suspected ACBM assumed to be ACM are present shall be cleaned at least once after the completion of the inspection required by Section 763.85(a) and before the initiation of any response action, other than O & M activities or repair... "

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*Question 8: AHERA requires that an accredited management planner review the results of each inspection and assessment. Is this also required for reinspections?*

**Answer:** YES. Section 763.88(d) states that "the local education agency shall select a person accredited to develop management plans to review the results of each inspection, reinspection, and assessment for the school building and to conduct any other necessary activities in order to recommend in writing to the local education agency appropriate response actions."

The review and response action recommendations are particularly important if assessments of known or assumed ACBM have changed from the initial AHERA inspection, or if known or assumed ACBM, previously identified as nonfriable, has become friable.

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*Question 9: Must an LEA reinspect a building that is no longer in use as a school?*

**Answer:** NO. Section 763.85(b)(1) indicates that LEAs shall conduct a reinspection in buildings that they "lease, own, or otherwise use as a school building." However, if the building is not being used as a school at the time its reinspection would have occurred (even if the LEA continues to lease or own the building), the LEA must be able to certify that it is no longer using the building as a school. In addition, if an LEA has stopped using a building as a school, and later decides to use the building as a school, it must be reinspected in accordance with Section 763.85(b).

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*Question 10: When must an LEA reinspect a school brought into service after October 12, 1988?*

**Answer:** Section 763.85(a)(2) requires inspection of schools brought into service after October 12, 1988 prior to use of a building as a school. Section 763.93(a)(3) requires submission of a management plan for such schools to the Governor prior to use of the building. The management plan of a school building brought into service after October 12, 1988 would be in effect 90 days after submission of the plan to the State Governor unless the plan is disapproved. Reinspection must occur within 3 years of the date the plan is in effect, that is, 90 days after submission to the Governor.

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*Question 11: What reinspection records must be included in the management plan?*

**Answer:** In accordance with Section 763.85(b)(3)(vii), the following records must be included:

- The date of the reinspection, the name and signature of the person making the reinspection, State of accreditation, and, if applicable, his or her accreditation number.
- Any changes in the condition of known or assumed ACBM.
- The exact locations where samples were collected during the reinspection, a description of the manner used to determine sampling locations, the name and signature of each accredited inspector who collected the samples, State of accreditation and, if applicable, his or her accreditation number.
- Any assessments or reassessments made of friable material, the name and signature of the accredited inspector making the assessments, State of accreditation, and if applicable, his or her accreditation number.

In addition, the written recommendations of the management planner must be included in the management plan [See Section 763.88(d)].

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*Question 12: How should assessments or reassessments made as a result of the reinspection be documented?*

**Answer:** Sections 763.88(a)(1) and (2) require that the accredited inspector provide a written assessment of all known or assumed friable ACBM in the school building, and submit a copy of the assessment to the designated person within 30 days of the assessment. If there is no change in the material from the initial inspection, the accredited person can simply refer to the initial assessment.

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*Question 13: What are the necessary components of an AHERA reinspection?*

**Answer:** An accredited inspector should visually reinspect and reassess the condition of all known or assumed friable ACBM; visually inspect previously considered nonfriable ACBM and touch it to determine if it has become friable; identify homogeneous areas of material that have become friable since the last inspection; develop required records (detailed in the Answer to Question 11) and submit such records to the LEA's designated person within 30 days of reinspection.

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*Question 14: What are the required qualifications for the persons involved in the reinspection?*

**Answer:** The person conducting the reinspection must be accredited under AHERA as an inspector, and his/her accreditation must be current for the period in which the reinspection takes place. The management planner responsible for the review of the results of the reinspection and recommendations for response actions must be accredited as a management planner under AHERA and his/her accreditation must be current for the period in which the review of the reinspection takes place.

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*Question 15: When the management plan is revised as a result of the reinspection, does the updated plan have to be resubmitted to the State?*

**Answer:** NO. A management plan has to be submitted to the Governor of the State when it is first developed. AHERA does not require subsequent updates or other changes to the plan to be submitted to the State.

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# **APPENDIX B**

**APPENDIX B**

**GLOSSARY OF TERMS**

CRITERIA FOR PRIORITIZING ASBESTOS ABATEMENT NEEDS

PRIORITY	CRITERIA
1.	Friable or severely damaged asbestos-containing material (ACM), accessible to staff and students: footage of area.
2.	Friable or severely damaged ACM in an air plenum: footage of area.
3.	Damaged ACM, accessible to staff or students: footage of area.
4.	Damaged ACM in an air plenum: footage of area exposed to air plenum.
5.	Friable or severely damaged ACM: accessible to maintenance or custodial personnel during normal activities: footage of area.
6.	Damaged ACM: accessible to maintenance or custodial personnel during normal activities: footage of area.
7.	Nonfriable, non-damaged ACM: easily accessible to staff and students: potential of a major or continuing disturbance: footage of area.
8.	Nonfriable, non-damaged ACM: accessible to staff and students: potential of a major or continuing disturbance: footage of area.
9.	Friable or severely damaged, or damaged ACM in an area not normally entered (attics and crawl spaces): footage of area.
10.	Nonfriable, non-damaged ACM: accessible to maintenance and custodial personnel during normal activities: footage of area.
11.	Nonfriable, non-damaged ACM in an area not normally entered (attics and crawl spaces): footage of area.
12.	Materials listed as "non-detect" in previous inspections, but records indicate not sampled adequately to qualify as non-asbestos.

## GLOSSARY OF TERMS

<b>ACBM</b>	Asbestos-containing building material, which includes surfacing material, thermal system insulation, or miscellaneous material that is found in or on interior structural members or other parts of a building.
<b>ACBM Condition</b>	<p><b>Good:</b> No visible damage or deterioration, or showing only very limited damage or deterioration.</p> <p><b>Damaged:</b> Physical injury or deterioration such that the internal structure of the material is inadequate, material which has delaminated such that its bond to the substrate is inadequate, or which lacks fiber cohesion or adhesion properties for any other reason. Thermal system insulation (TSI) is considered damaged when it is lacking part or all of its covering. Such damage may be shown by the separation of ACM into layers; flaking, blistering, or crumbling; water damage or stains; scrapes, mars or gouges; exposed TSI beneath its covering.</p> <p><b>Significantly Damaged:</b> Damage that is extensive and severe.</p>
<b>Administrator (EPA)</b>	The person appointed by the President to run the EPA.
<b>AHERA</b>	The Asbestos Hazard Emergency Response Act. This Act was signed into law on October 22, 1986 by President Reagan. It established the framework for a regulation which requires, among other things, that elementary and secondary schools identify asbestos-containing materials in school buildings, institute programs aimed at minimizing the risk of asbestos exposure in those buildings, and reinspect those materials at least every 3 years.
<b>AHERA regulation/rule</b>	40 CFR 763, Asbestos-Containing Materials in Schools: Final Rule and Notice, U.S. Environmental Protection Agency, February, 1987.

**AHERA I-7 Categories**

Seven categories defined in the AHERA regulations, one of which must be assigned to each friable surfacing and miscellaneous ACBM and each asbestos-containing TSI during an inspection or reinspection.

1. Damaged or significantly damaged TSI ACBM.
2. Damaged friable surfacing ACBM.
3. Significantly damaged friable surfacing ACBM.
4. Damaged or significantly damaged friable miscellaneous ACBM.
5. ACBM with potential for damage.
6. ACBM with potential for significant damage.
7. Any remaining friable ACBM or friable suspected ACBM.

**AHERA Designated Person/Designated Person**

Person designated by the Local Education Agency to ensure that the AHERA requirements are properly implemented.

**Asbestos**

Naturally-occurring fibrous mineral used in many building materials, primarily for fireproofing, thermal system insulation, sound insulation, and decoration.

**Asbestos-containing**

Any material, when referring to school buildings, which contains more than one percent asbestos.

**Assessment**

Evaluation of the physical condition and potential for damage of all friable ACBM and asbestos-containing thermal system insulation. AHERA requires classification of each ACBM assessed into one of seven categories based on material type and damage/potential for damage.

**Assumed ACBM**

Suspect building material that has not been sampled and analyzed for asbestos content and must, therefore, be treated as an ACBM by the LEA.

**Bulk Sample**

A small portion (usually about thumbnail size) of a suspect asbestos-containing building material collected by the inspector for laboratory analysis to determine asbestos content.



<b>Completed Reinspection</b>	The entire process of the visual examination and assessment of known and assumed ACBM in a school building; recommended response actions by the management planner; and submission of reinspection findings and recommendations to the designated person. Reinspections are required by AHERA every 3 years after management plan implementation.
<b>Current Accreditation</b>	Having successfully completed an EPA-approved accreditation or refresher course within 1 year of the reinspection (for inspectors) or the management plan review (for management planners.)
<b>Encapsulation</b>	Treatment of asbestos-containing material with a liquid that covers the surface with a protective coating or embeds fibers in an adhesive matrix to prevent the release of asbestos fibers.
<b>Enclosure</b>	An airtight, impermeable, permanent barrier around asbestos-containing material to prevent the release of fibers.
<b>EPA</b>	U.S. Environmental Protection Agency.
<b>Evaluation Study</b>	An EPA report entitled <i>Evaluation of the Asbestos Hazard Emergency Response Act (AHERA)</i>
<b>Exclusion</b>	One of several situations which permits the LEA to delete one or more of the items required by AHERA. For example, records of previous sample collection and analysis may be used by the accredited inspector in lieu of AHERA bulk sampling.
<b>Exterior Areas</b>	Subdivision of areas of a building with one or more walls open to the outside, such as covered walkways or porticos.

<b>Form</b>	<p>Any document the inspector uses to record information for the reinspection, or for inspection of previously unidentified materials. Two forms were developed for this reinspection guide:</p> <p>Sample Reinspection Form 1. Original AHERA Inspection Information Abstracted from the Management Plan.</p> <p>Sample Reinspection Form 2. Reinspection of ACBM: Findings and Management Planner Recommendations.</p>
<b>Friable</b>	<p>When referring to a school building, material that, when dry, may be crumbled, pulverized, or reduced to powder by hand pressure. Includes previously nonfriable material after it becomes damaged to the extent that, when dry, it may be crumbled, pulverized, or reduced to powder by hand pressure.</p>
<b>Functional Space</b>	<p>Under AHERA, a room, group of rooms, or homogeneous area designated by a person accredited to prepare management plans, design abatement projects, or conduct response actions.</p>
<b>HEPA</b>	<p>High efficiency particulate air. A special type of filter used in equipment for removing asbestos fibers, e.g., vacuums, air filtration devices.</p>
<b>Homogeneous Sampling Area</b>	<p>In accordance with AHERA definitions, an area of surfacing material, TSI, or miscellaneous material that is uniform in color and texture.</p>
<b>HVAC</b>	<p>Heating, ventilation and air-conditioning systems in a building.</p>
<b>Identified Material</b>	<p>Any AHERA-defined suspect material found during the original AHERA inspection that was also recorded in the management plan for the building.</p>

<b>Local Education Agency (LEA)</b>	An educational agency at the local level that exists primarily to operate schools or to contract for educational services for elementary and secondary public and non-profit private schools. For non-profit private schools, this includes the building owner.
<b>Management Plan</b>	A document that each Local Education Agency is required to prepare under AHERA regulations. It describes all activities planned and undertaken by a school to comply with AHERA regulations, such as building inspections to identify asbestos-containing materials, response actions, and operations and maintenance programs to minimize the risk of exposure to asbestos in school buildings.
<b>Material Category</b>	Broad classification of suspect materials into TSI, surfacing material, and miscellaneous material.
<b>Miscellaneous Material</b>	Interior building material on structural components, such as floor or ceiling tiles. Does not include TSI or surfacing material.
<b>NESHAP</b>	National Emission Standards for Hazardous Air Pollutants, EPA rules under the Clean Air Act.
<b>Nonfriable</b>	Material that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.
<b>Operations and Maintenance Program (O&amp;M)</b>	Program of work practices to maintain friable ACBM in good condition, ensure cleanup of asbestos fibers previously released, and prevent future release by minimizing and controlling friable ACBM disturbance or damage.
<b>Original AHERA Inspection/Original Inspection</b>	Examination of school buildings arranged by Local Education Agency, pursuant to AHERA, to initially identify asbestos-containing materials, evaluate the condition of those materials, and take samples of materials suspected to contain asbestos. Inspections are performed by inspectors accredited by the EPA or by EPA-approved State accreditation programs.

<b>Periodic Surveillance</b>	A visual examination for any change in material condition of ACBM and assumed ACBM in a school building. AHERA requires a periodic surveillance at least once every 6 months.
<b>Previously Unidentified Material</b>	Any AHERA-defined suspect material present in a building at the time of the original AHERA inspection that is not reported in the management plan.
<b>Recorded Location</b>	An area in which a suspect material was present during the inspection, and which is indicated in the management plan as having the material present.
<b>Reinspection</b>	The re-examination, by an accredited inspector, of a school building for which an original AHERA inspection was previously performed, including a re-evaluation and response action recommendations by an accredited management planner. Reinspection of school buildings containing ACBM is required by AHERA regulations at least once every 3 years.
<b>Removal</b>	Taking out or stripping ACBM from an area, a functional space, or a homogeneous area.
<b>Repair</b>	Procedures used to patch or cover damaged asbestos-containing materials, other than enclosure or encapsulation. Examples include covering the damage with plastic sheeting, duct tape, or plaster.
<b>Resilient Sheet Flooring/ Linoleum</b>	A type of floor covering which is preformed in long sheets. Generally, the sheets are unrolled and secured to the floor with an adhesive. These commonly have a vinyl-based upper surface. The backing may contain asbestos.
<b>Response Actions</b>	Methods, including removal, encapsulation, enclosure, repair, and operations and maintenance, that protect human health and the environment from friable ACBM.

<b>Room/Area</b>	A well-defined space within a building, generally a distinct room, but also a hall, crawlspace, or other distinct space. This term may refer to the entire homogeneous sampling area or to a functional space but is generally a subset of these.
<b>School Building</b>	Any structure essential to the operation of a school and under the authority of the LEA, including classrooms, student housing, athletic facilities, administrative areas, garages, and maintenance areas. Several buildings may be present at one school.
<b>Surfacing Material</b>	Material sprayed or troweled onto structural members (beams, columns, or decking) for fire protection; or on ceilings or walls for fireproofing, acoustical or decorative purposes. Includes fireproofing, textured plaster, and other textured wall and ceiling surfaces.
<b>Suspect Material</b>	Building material suspected to contain asbestos because of past practices in its manufacture and use. Includes surfacing material, gypsum wallboard (also called sheetrock or drywall), floor tile, ceiling tile, thermal system insulation, and miscellaneous other materials. Suspect materials are classified as ABCM or non-ACBM by analyzing bulk samples to determine asbestos content.
<b>Total Amount</b>	Estimated amount (in square or linear feet) of suspect material in a building/s at the time of the original AHERA inspection.
<b>TSI</b>	Thermal system insulation. Material in a school building applied to pipes, fittings, boilers, breeching, tanks, ducts or other interior structural components to prevent heat loss or gain, or water condensation, or for other purposes.
<b>Underestimated Quantity</b>	The difference between the total amount of a suspect material found during the Evaluation Study and the amount of the same material recorded in the management plan, when the latter quantity is less than 80 percent of the former.

**Vibration Dampening  
Cloth (VDC)**

Cloth commonly found on ductwork where duct size changes, used to reduce noise.

**Wallboard**

Generic term for any wall surface installed as sheets, rather than applied wet. Includes gypsum wallboard (also called sheetrock or drywall), transite panels, etc.

## Recommended Reinspection Checklist for the Management Planner

### Recommendations for response actions

- 1. Review the results of the original AHERA inspection, periodic surveillance records, and the reinspection.
- 2. Visit the school or take other necessary actions to recommend response actions to the LEA.
- 3. For each friable surfacing and miscellaneous ACM and each asbestos-containing TSI reported by the inspector, make written response action recommendations.
  - 3a. Describe preventive measures and response actions for each assessment location of the ACM.
  - 3b. Consider whether cleaning in accordance with procedures in 40CFR763.91(c) should be performed in each area and make appropriate recommendations in writing.
- 4. Include a schedule for beginning and completing the recommended cleaning and response actions.
- 5. Estimate the resource requirements for the recommended response actions.
- 6. Review the adequacy of the O&M Plan.

### Recordkeeping

- 7. Record name, signature, date, and accreditation number and State (if applicable) on the reinspection form.
- 8. Submit written recommendations for the response actions to the designated person.

**Recommended Reinspection Checklist for the AHERA Designated Person -  
Recordkeeping**

- 1. Include the reinspection report and recommended response actions in each copy of the school's management plan.
- 2. Include a written statement indicating agreement or disagreement with the management planner's recommendations for response actions, justification for any disagreement, and an implementation schedule for the response actions in the management plan. (Recommended by the EPA.)
- 3. Include inspection report findings for any previously unidentified materials (and, if ACBM found, include management planner recommendations) in the management plan.
- 4. Include a copy of a document describing steps taken to inform workers and building occupants, or their legal guardians, about the reinspection in each copy of the school's management plan.
- 5. Evaluate the effectiveness of the asbestos operations and maintenance (O&M) program and periodic surveillance. Revise, as appropriate.



Recommended Sample Reinspection Notification Letter

EASTSIDE COMMUNITY PUBLIC SCHOOLS

East Park Avenue  
Eastside, CA 91005  
(999) 922-3333

Bob Smith, Superintendent

Notification of Asbestos Reinspections

TO: Parents and Staff of Eastside Middle School  
FROM: Bob Smith, Superintendent of Schools  
DATE: December 15, 1991

In compliance with the U.S. Environmental Protection Agency (EPA) Asbestos Hazard Emergency Response Act (AHERA), in the fall of 1988 we performed inspections of each of our school buildings for asbestos-containing building materials. The inspection findings and asbestos management plans have been on file in each school administrative office since that time.

The EPA requires us to perform reinspections of the asbestos materials every three years. During the months of September through November 1991, accredited asbestos inspectors performed these reinspections. An accredited management planner reviewed the results of the reinspections and recommended actions we should take to safely manage each asbestos material in our buildings.

Two significant findings were noted during the reinspection of Eastside Middle School:

- Asbestos-containing water pipe insulation in the kitchen over the dishwasher is slowly deteriorating due to high humidity. The material is scheduled for removal over the Christmas break.
- Linoleum in all bathrooms was not included in the original AHERA inspection. The backing (between the vinyl layer and the floor) is assumed to contain asbestos. The vinyl layer is in good condition and provides an effective barrier, preventing asbestos fiber release. This material has been added to our asbestos maintenance program and we will monitor it for any changes in condition.

All other asbestos materials in this school are in good condition and we will continue to manage them in place, as recommended by the accredited management planner.

The results of the reinspection are on file in the management plan in the school's administrative office. Everyone is welcome to view these anytime during normal school hours (M-F, 8:00 a.m. - 4:30 p.m.). The Asbestos Program Manager, Jill Williams, is available to answer any questions you may have about asbestos in our buildings at (999) 922-3334.

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# APPENDIX C

**APPENDIX C**

**MESSAGE FROM THE  
ADMINISTRATOR OF EPA**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

MAR 6 1991

THE ADMINISTRATOR

An Advisory to the Public on Asbestos in Buildings:

The Facts About Asbestos in Buildings

In recent months, there have been a number of scientific and news reports about asbestos in buildings. Unfortunately, some of these may have confused, rather than enlightened, the public about the potential health risks of asbestos exposure and the Environmental Protection Agency's (EPA) policies regarding asbestos in schools and other buildings.

I want to summarize the EPA's policies for asbestos control in schools and other buildings. I am providing this summary in the form of five major facts that the Agency has presented in congressional testimony.

**FACT ONE:** Although asbestos is hazardous, human risk of asbestos disease depends upon exposure.

Asbestos is known to cause cancer and other diseases if asbestos fibers are inhaled into the lung and remain there. This conclusion is based upon studies involving human exposure, particularly exposure at high levels. A recent Science magazine article indicated exposure to chrysotile (common "white" asbestos) MAY be less likely to cause some asbestos-related diseases. Although there is more evidence of hazard for some types of asbestos, EPA believes there is reason to be concerned about other types, such as chrysotile, for which the data are less conclusive. Based on careful evaluation of available scientific evidence, EPA has adopted a prudent approach in its regulations of assuming that all fibers are of equal concern. Various scientific and regulatory organizations, including the National Academy of Sciences, support EPA's more protective regulatory approach.

It is important to stress that the mere presence of a hazardous substance, such as asbestos on an auditorium ceiling, no more implies that an asbestos-related disease will develop than a poisonous substance in a medicine cabinet or under a kitchen sink implies that a poisoning will occur. Asbestos fibers must be released from the material in which they are contained, and an individual must breathe those fibers in order to incur any chance of disease.

While scientists have been unable to agree on a level of asbestos exposure at which we, as public policy makers, can confidently say, "there is no risk," this does not mean that all or any exposure is inherently dangerous. To the contrary, almost every day we are exposed to some level of asbestos fibers in buildings or in the outdoor air. Based upon available data, very few among us, given existing regulatory controls, have contracted or will ever contract an asbestos-related disease from these relatively low levels of airborne fibers found in buildings. The present scientific evidence will not allow us to state unequivocally that there is a level of exposure below which there is a zero risk, but the risk at these low levels in fact could be negligible or even zero. The risks of asbestos disease can be higher from exposures that occur during mining, manufacturing, and use of some remaining asbestos products, for example, in the repair of automotive brakes.

**FACT TWO:** Prevailing asbestos levels in buildings -- the levels that school children and you and I face as building occupants -- seem to be very low, based upon available data. Accordingly, the health risk we face as building occupants also appears to be very low.

Indeed, a 1987 EPA study found that airborne fiber levels in a segment of Federal buildings with asbestos management programs were so low that the levels were in a range comparable to levels outside these buildings. While the data are not conclusive and we are seeking more information through a major research effort, the 1987 study appears to suggest that building occupants face only a minimal risk when their buildings have active asbestos management programs. Severe health problems attributed to asbestos exposure have generally been experienced by workers in industries such as shipbuilding, where they were constantly exposed to very high fiber levels in the air, often without any of the worker protections now afforded to them under the law. Of course, some building workers, if they are not properly trained and protected, may disturb asbestos-containing materials and, in so doing, increase the risk to themselves and others.

**FACT THREE:** Removal is often not a school district's or other building owner's best course of action to reduce asbestos exposure. In fact, an improper removal can create a dangerous situation where none previously existed.

It is important to understand that, for most situations, EPA's asbestos regulations for schools under the Asbestos Hazard Emergency Response Act (AHERA) do not require removal of asbestos. These regulations allow the school to decide whether asbestos removal, or some other response action, is the best option to protect the health of school students and employees. In general, asbestos removal is most appropriate when asbestos materials, such as pipe or boiler insulation, are damaged beyond repair.

Although we believe most asbestos removals are being conducted properly, asbestos removal practices by their very nature disturb the material and significantly elevate airborne fiber levels. Unless all safeguards are properly applied and strictly followed, exposure in the building can rise, perhaps to levels where we know disease can occur. Consequently, an ill-conceived or poorly conducted removal project can actually increase rather than eliminate risk.

**FACT FOUR:** EPA only requires asbestos removal in order to prevent significant public exposure to asbestos, such as during building renovation or demolition.

Prior to a major renovation or demolition, asbestos material that is likely to be disturbed or damaged to the extent that significant amounts of asbestos would be released must be removed using approved practices under EPA's asbestos National Emission Standard for Hazardous Air Pollutants (NESHAP) regulation. Demolishing a building containing large amounts of asbestos, for example, would likely result in significantly increased exposure and could create an imminent hazard. Clearly, asbestos removal before the wrecking ball swings into action is appropriate to protect public health. However, this cannot be said of arbitrary asbestos removal projects, which, as noted above, can actually increase health risk unless properly performed. This, in part, is why EPA has not mandated asbestos removal from schools or other buildings beyond the NESHAP requirement, which has the effect of gradually and rationally taking all remaining asbestos building materials out of the inventory.

**FACT FIVE:** EPA does recommend in-place management whenever asbestos is discovered.

Instead of removal, a conscientious in-place management program will usually control fiber releases, particularly when the materials are not significantly damaged and are not likely to be disturbed. That is why Congress mandated such a program in schools through AHERA.

In-place management, of course, does not mean "do nothing." It means, first, that the building owner or manager should identify asbestos, through a building-wide inventory or on a case-by-case basis before suspect materials are disturbed by renovations or other actions. The AHERA program requires an inventory of all asbestos materials in schools by properly accredited individuals.

After the material is identified, the school's personnel, building owner or manager can then institute controls to ensure that the day-to-day management of the building is carried out in a manner that prevents or minimizes the release of asbestos fibers into the air. These controls will ensure that when asbestos fibers are released, either accidentally or intentionally, proper management and cleanup procedures are implemented.

Another concern of EPA and other Federal, State and local agencies which regulate asbestos is to ensure proper worker training and protection. Maintenance and service workers in buildings, in the course of their daily activities, may disturb materials and can thereby elevate asbestos fiber levels, especially for themselves, if they are not properly trained and protected. For these persons, risk may be significantly higher than for other building occupants. Proper worker training and protection, as part of an active in-place management program, can reduce any unnecessary asbestos exposure for these workers and others. AHERA requires this training for school employees whose job activities may result in asbestos disturbances.

In addition to the steps outlined above, an in-place management program will usually include notification to workers and occupants of the existence of asbestos in their building, periodic surveillance of the material, and proper recordkeeping. EPA requires all of these activities for schools and strongly recommends that other building owners also establish comprehensive asbestos management programs. Without such programs, asbestos materials could be damaged or deteriorate, which may result in elevated levels of airborne asbestos fibers.

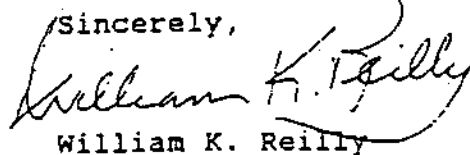
While the management costs of all the above activities will depend upon the amount, condition, and location of the materials, such a program need not be expensive. In many instances, an in-place management program may be all that is necessary to control the release of asbestos fibers, until the asbestos-containing material in a building is scheduled for removal because of renovation or demolition activities.



In summary, EPA's best advice on asbestos is neither to rip it all out in a panic nor to ignore the problem under the false presumption that asbestos is "risk free." Rather, we recommend a practical approach that protects public health by emphasizing that asbestos material in buildings should be located, that it should be appropriately managed, and that those workers who may disturb it should be properly trained and protected. That has been, and continues to be, EPA's position.

If you have questions or need additional information about asbestos in schools and other buildings, please call EPA's Toxics Hotline at (202) 554-1404 or write the Environmental Assistance Division (TS-799), Office of Pesticides and Toxics Substances, 401 M Street, Washington, DC 20460.

Sincerely,

A handwritten signature in cursive script that reads "William K. Reilly". The signature is written in dark ink and is positioned above the printed name.

William K. Reilly