



DONALD L. WOLFE, Director

# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

*"To Enrich Lives Through Effective and Caring Service"*

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IN REPLY PLEASE

REFER TO FILE: **PJ-1**

August 4, 2005

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, CA 90012

Dear Supervisors:

**LA CRESCENTA LIBRARY PROJECT  
APPROVE ENVIRONMENTAL ASSESSMENT/  
MITIGATED NEGATIVE DECLARATION  
ADOPT MITIGATION MONITORING AND REPORTING PROGRAM  
APPROVE AND ORDER PUBLICATION OF NOTICE OF  
INTENTION TO PURCHASE  
REAL PROPERTY AND APPROVE RELATED ACTIONS  
AWARD AGREEMENT  
APPROVE TOTAL PROJECT BUDGET  
SPECS. 6526; C.P. 77450  
SUPERVISORIAL DISTRICT 5  
3 VOTES**

**JOINT RECOMMENDATION WITH THE CHIEF ADMINISTRATIVE OFFICER AND  
THE COUNTY LIBRARIAN THAT YOUR BOARD:**

1. Consider the Environmental Assessment/Mitigated Negative Declaration (Enclosure B) for the La Crescenta Library project together with the comments received during the public review process, find that the project will not have a significant effect on the environment, that the Environmental Assessment/Mitigated Negative Declaration reflects the independent judgment of the County, and approve the Environmental Assessment/Mitigated Negative Declaration.

2. Adopt the Mitigation Monitoring and Reporting Program (Section 7 of Enclosure B) to ensure compliance with the project conditions as contained in the Mitigated Negative Declaration and to mitigate or avoid environmental effects.
3. Find that the project will have no adverse effect on wildlife resources and authorize Public Works to complete and file a Certificate of Fee Exemption for the project.
4. Approve the enclosed Notice of Intention (Enclosure C) to purchase real property at 2801-2813 Foothill Boulevard, La Crescenta, from Coffey Limited Partnership, consisting of a total land area of 26,300 square feet with 1,932 square feet of building improvements for a purchase price of \$1,450,000.
5. Instruct the Executive Officer of the Board of Supervisors to publish the Notice of Intention in accordance with Government Code Section 6063.
6. Award and authorize the Director of Public Works to execute an agreement with Carde-Ten Architects to provide architectural/engineering design and consultant services for the La Crescenta Library project for a not-to-exceed fee of \$665,000, funded by Fifth District Capital Project Funds, and establish the effective contract date following receipt of insurance certificates filed by the consultant.
7. Approve the total project budget of \$12,423,126 for the La Crescenta Library project as detailed in Enclosure A.

**IT IS FURTHER RECOMMENDED THAT, AT THE TIME OF CONSUMMATION, YOUR BOARD:**

8. Order the purchase consummated in accordance with Section 25350 of the Government Code, and instruct the Chair to execute the enclosed Purchase and Sale Agreement (Enclosure D).
9. Authorize the Chief Administrative Office (CAO) to open and manage escrow, execute any required documentation necessary to complete the transfer of title to the County, and accept the deed conveying title to the County.

10. Authorize the Auditor-Controller to issue a warrant to cover the purchase price of \$1,450,000 for the real property and any other required transactional costs or escrow fees, which are estimated not to exceed \$6,000.
11. Instruct the Assessor's Office to remove the subject real property from the tax roll effective upon the close of escrow.

### **PURPOSE/JUSTIFICATION OF RECOMMENDED ACTIONS**

Approval of the recommended actions will allow the County to fulfill Federal and State environmental compliance requirements, purchase land, and proceed with the design for the La Crescenta Library project.

The existing La Crescenta Library is a single-story, 4,300-square-foot building constructed in 1963, which is significantly undersized to meet the needs of the current and projected population of the service area. It is not economically feasible to renovate and expand the existing library due to the condition and age of the building and the limited space available at the site.

The proposed project will replace the existing library with a new facility of approximately 14,800 square feet and associated parking on the existing site and adjacent property. The adjacent property is privately owned by Coffey and will be purchased to accommodate the new library facility. The proposed library will be equipped with current computer technology and other improvements, which will meet the current and projected needs of the La Crescenta community.

Service improvements at the proposed new library will include a large adult reading area, a community meeting room to seat 100 people, a community learning center to provide after-school homework assistance for students, two small-group study rooms, a teen center for middle and high school students, a spacious children's area with dedicated storytelling and programming space, express-service checkout machines at the customer service desk, public access computers with Internet access, and an expanded collection of 81,000 books and other library materials.

Following completion of construction documents and jurisdictional approvals, tentatively scheduled for November 2006, we plan to return to your Board to adopt plans and specifications and to advertise for construction bids for the project.

### **Implementation of Strategic Plan Goals**

These actions are consistent with the County's Strategic Plan Goals of Fiscal Responsibility, Service Excellence, and Children and Families' Well-Being as this is an investment in public infrastructure that will provide improved library service and educational facilities and programs for enhancing educational and workforce readiness.

### **FISCAL IMPACT/FINANCING**

The total project cost, including land acquisition, programming, plans and specifications, plan check, construction, furniture and equipment, civic art, telecommunications, consultant services, miscellaneous expenditures, and County services, is currently estimated at \$12,423,126.

The project is funded from Fifth District Capital Project Funds, a Department of Housing and Urban Development Economic Development Initiative-Special Project grant, and the proceeds from the sale of surplus library property. Sufficient appropriation for the estimated total project cost is available in the Fiscal Year 2005-06 Capital Projects Budget (C.P. 77450) to fund this project. The Project Schedule and Budget Summary are included in Enclosure A.

### **Operating Budget Impact**

It is anticipated that the new library will begin operation in March 2009 and funding for annual operating costs will be required at that time. The annual budgetary cost for operating this new facility is estimated at \$1.1 million based on the current costs for staffing, support, facility maintenance, and other operating costs that will be required. This represents a net increase of approximately \$360,000 per year over the current annual operating cost for the existing La Crescenta Library. The Public Library will request additional funding for the new library's operating costs beginning in Fiscal Year 2008-09. The Chief Administrative Office will review the operating requirements and available funding as part of the budget and make a final recommendation to your Board at that time.

### **FACTS AND PROVISIONS/LEGAL REQUIREMENTS**

The property located adjacent to the existing La Crescenta Library site at 2801-2813 Foothill Boulevard is privately owned by Coffey and is proposed to be acquired to accommodate the new library facility. The adjacent property consists of a total land area of 26,300 square feet with 1,932 square feet of building improvements.

An independent appraisal of Coffey's real property determined that the highest and best use of the property was for commercial development. It established a gross value of \$1,659,900 and made deductions for future street dedications that the appraiser felt may be needed for future development of the property. Further deductions were made for the removal of existing surface and subterranean improvements associated with the property's historical use and to obtain closure reports for underground tanks that were removed years ago but lacked sufficient documentation. These deductions amounted to \$385,200. As a result, the amount established as just compensation for the property was \$1,274,700 and the offer was made, which Coffey rejected.

Following several months of negotiations, a tentative settlement in the amount of \$1,450,000 has been reached in lieu of pursuing a condemnation action, after consultation with and the concurrence of County Counsel. The recommendation to approve the tentative settlement is based on several considerations, which include the property owner's higher appraisal, escalating real estate market values in La Crescenta, and the anticipated litigation costs to pursue a condemnation action.

Government Code Section 25350 provides that "no purchase of real property...shall be made [by a county] unless a notice of the intention of the board of supervisors...to make the purchase is published in the county pursuant to Section 6063... The notice shall contain a description of the property proposed to be purchased, the price, the vendor, and a statement of the time the board will meet to consummate the purchase."

The real property is currently encumbered with a master lease and three sublease agreements. The master leasehold interest will be purchased by Coffey prior to the County closing escrow and accepting title to the real property. The three subleases will remain in effect and tenants will continue to occupy the real property until terminated by the County. Expenses under the relocation assistance program to relocate the tenants have not yet been determined. However, based on the anticipated cost of benefits and historical data generated from previous relocation cases, it is anticipated that sufficient funds exist within the total project budget to absorb these expenses. Once these costs have been established, a recommendation will be submitted to your Board for further approval. The CAO, pursuant to Government Code Section 65402, has provided notification to Regional Planning of the County's intent to acquire the real property. County Counsel has approved all documents in this transaction as to form.

## **ENVIRONMENTAL DOCUMENTATION**

As required by the California Environmental Quality Act (CEQA) and the National Environmental Policy Act, an Environmental Assessment/Mitigated Negative Declaration was prepared for this project and circulated for agency and public review on

April 13, 2005, for 30 days. During the public review period, four written responses were received from the following public agencies: The Governor's Office of Planning and Research (State Clearinghouse), Southern California Association of Governments, County of Los Angeles Department of Parks and Recreation, and County of Los Angeles Department of Health Services. After the public review period, one written response was received from the California Department of Toxic Substances Control. All comments received, responses to the comments, and the clarifications and revisions are contained in the final Environmental Assessment/Mitigated Negative Declaration (Enclosure B). The proposed Mitigation Monitoring and Reporting Program (Section 7 of Enclosure B) was also prepared to ensure compliance with the environmental mitigation measures included as part of the final Environmental Assessment/Mitigated Negative Declaration relative to air quality, hazards and hazardous materials, noise, and traffic. The recommended measures to mitigate the environmental impacts will be incorporated as part of the project. Based on the final Environmental Assessment/Mitigated Negative Declaration, comments, clarifications, and revisions received, it has been determined that the project will not have a significant effect on the environment. Based on the conclusions and findings of the Environmental Assessment, a Finding of No Significant Impact was approved by the United States Department of Housing and Urban Development on July 2, 2005.

A fee must be paid to the State Department of Fish and Game when certain notices required by CEQA are filed with the County Clerk. The County is exempt from paying this fee if your Board finds that a project will have no impact on wildlife resources. The Environmental Assessment/Mitigated Negative Declaration concludes that there will be no adverse effects on wildlife resources. Therefore, it is recommended that your Board find that the project will have no adverse effect on wildlife resources and authorize Public Works to complete and file a Certificate of Fee Exemption for the project.

### **CONTRACTING PROCESS**

On January 13, 2005, Public Works issued a Request for Proposals to 15 firms recommended by the Architectural Evaluation Board to provide design and consultant services for the project. A total of six firms submitted proposals. On March 10, 2005, the proposals were evaluated by a panel of members from Public Library and Public Works based on technical expertise, proposed work plan, experience, personnel qualifications, and understanding of the work requirements. The evaluation was done without regard to race, creed, color, or gender. On March 17, 2005, Public Works and Public Library interviewed and ranked the three best-qualified firms. Carde-Ten Architects was determined to be the firm best qualified to perform the design and consultant services.

Carde-Ten Architects has agreed to provide design and consultant services for a not-to-exceed fee of \$665,000. This fee includes design, construction administration, consultant, and additional/reimbursable services. Consultant services will include model and rendering production, planning/design of acoustics, audio-visual, data and telecommunications, signage, furniture, fixtures, and equipment for the proposed library. The construction administration portion of the fee proposed by Carde-Ten is applicable to services during construction and will be billed only during construction. The fee for additional and reimbursable services will only be used if additional work is requested and approved by Public Works.

The negotiated fee for the La Crescenta Library project is based on the County's architectural/engineering fee schedule approved by your Board on August 21, 1990. The negotiated fee has been reviewed by Public Works and is considered reasonable for the scope of work.

A standard agreement, in the form previously approved by County Counsel, will be used. The standard Board-directed clauses that provide for contract termination, renegotiation, and hiring qualified displaced County employees will be included.

As requested by your Board on August 12, 1997, and as a threshold requirement for consideration for contract award, Carde-Ten Architects is willing to consider Greater Avenues for Independence Program/General Relief Opportunity for Work participants for future employment.

Carde-Ten Architects is in full compliance with Los Angeles County Code Chapter 2.200 (Child Support Compliance Program), Chapter 2.203 (Contractor Employee Jury Services), and is aware of the Safely Surrendered Baby Law.

Carde-Ten Architects' fee schedule, Community Business Enterprise participation data, and three-year contracting history are on file with Public Works.

### **IMPACT ON CURRENT SERVICES (OR PROJECTS)**

Approval of the recommended actions will have no impact on current library services. The residents of La Crescenta will continue to be served by the existing La Crescenta Library during design of the new library facility.

The Honorable Board of Supervisors  
August 4, 2005  
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**CONCLUSION**

Please return adopted copies of this letter to the Chief Administrative Office (Capital Projects and Real Estate Divisions), Public Library, and Public Works. In addition, please return two copies of the purchase and sale agreement with original signatures to the Chief Administrative Office (Real Estate Division).

Respectfully submitted,

DONALD L. WOLFE  
Director of Public Works

DAVID E. JANSSEN  
Chief Administrative Officer

MARGARET DONNELLAN TODD  
County Librarian

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cc: County Counsel  
Department of Public Social Services (GAIN/GROW Program)

August 4, 2005

**ENCLOSURE A**

**LA CRESCENTA LIBRARY PROJECT  
APPROVE ENVIRONMENTAL ASSESSMENT/  
MITIGATED NEGATIVE DECLARATION  
ADOPT MITIGATION MONITORING AND REPORTING PROGRAM  
APPROVE AND ORDER PUBLICATION OF NOTICE OF INTENTION TO PURCHASE  
REAL PROPERTY AND APPROVE RELATED ACTIONS  
AWARD AGREEMENT  
APPROVE TOTAL PROJECT BUDGET**

**I. PROJECT SCHEDULE**

<b>Project Activity</b>	<b>Scheduled Completion Date</b>
Award Design Contract	08/16/05
Execute Design Contract	09/07/05
Schematic Design	11/06/05
Design Development	01/24/06
Construction Documents	07/11/06
Jurisdictional Approvals	11/20/06
Construction Award	03/20/07
Construction Start	04/30/07
Substantial Completion	06/30/08
Library Opening	03/02/09
Final Acceptance	04/21/09

**II. PROJECT BUDGET SUMMARY**

<b>Budget Category</b>	<b>Proposed Project Budget</b>
Land Acquisition	\$ 1,755,000
Programming	\$ 59,950
Plans & Specifications	
Basic Design Services	\$ 413,010
Construction Administration	\$ 116,490
Consultant Services	\$ 60,500
Additional/Reimbursable Services	\$ <u>75,000</u>
<b>Total A/E Contract</b>	<b>\$ 665,000</b>
Plan Check & Jurisdictional Review	\$ 51,838
Construction	
Demolition	\$ 128,712
Construction Contract	\$ 6,409,100
Change Order Contingency	\$ <u>640,910</u>
<b>Total Construction</b>	<b>\$ 7,178,722</b>
Furniture, Fixtures & Equipment	\$ 980,000
Telecommunications	\$ 75,000
Other Consultant Services	\$ 317,947
Civic Art	\$ 85,216
Miscellaneous Expenditures	\$ 75,000
County Services	\$ 1,179,453
<b>Total Project Budget</b>	<b>\$ 12,423,126</b>

August 4, 2005

**ENCLOSURE B**

**LA CRESCENTA LIBRARY PROJECT  
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REAL PROPERTY AND APPROVE RELATED ACTIONS  
AWARD AGREEMENT  
APPROVE TOTAL PROJECT BUDGET**

**ENVIRONMENTAL ASSESSMENT/MITIGATED NEGATIVE DECLARATION  
(See Enclosed)**

August 4, 2005

**ENCLOSURE C**

**LA CRESCENTA LIBRARY PROJECT  
APPROVE ENVIRONMENTAL ASSESSMENT/  
MITIGATED NEGATIVE DECLARATION  
ADOPT MITIGATION MONITORING AND REPORTING PROGRAM  
APPROVE AND ORDER PUBLICATION OF NOTICE OF INTENTION TO PURCHASE  
REAL PROPERTY AND APPROVE RELATED ACTIONS  
AWARD AGREEMENT  
APPROVE TOTAL PROJECT BUDGET**

**NOTICE OF INTENTION  
(See Enclosed)**

August 4, 2005

**ENCLOSURE D**

**LA CRESCENTA LIBRARY PROJECT  
APPROVE ENVIRONMENTAL ASSESSMENT/  
MITIGATED NEGATIVE DECLARATION  
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REAL PROPERTY AND APPROVE RELATED ACTIONS  
AWARD AGREEMENT  
APPROVE TOTAL PROJECT BUDGET  
  
PURCHASE AND SALE AGREEMENT  
(See Enclosed)**

# **Final Environmental Assessment for the New La Crescenta Library**

Prepared for:

**County of Los Angeles, Department of Public Works**

Project Management Division I  
900 S. Fremont Avenue  
Alhambra, California 91803  
Kaly Trezos, Project Manager  
(626) 300-2318

Prepared by:

**David Evans and Associates**

800 North Haven Avenue, Suite 300  
Ontario, California 91764  
Josephine Alido, Project Manager  
(909) 481-5750

**June 2005**

# Environmental Assessment

[24 CFR 58.36]

**Responsible Entity:** County of Los Angeles, Department of Public Works  
[24 CFR 58.2(a)(7)]

**Certifying Officer:** David P. Howard, Assistant Deputy Director  
[24 CFR 58.2(a)(2)]

**Project Name:** La Crescenta Library

**Project Location:** Northwest corner of La Crescenta Avenue and Foothill Boulevard,  
community of La Crescenta in Los Angeles County

**Estimated total project cost:** Approximately \$12 million, which includes \$447,345 in HUD  
EDI-SP Grant

**Grant Recipient:** County of Los Angeles, Department of Public Works  
[24 CFR 58.2(a)(5)]

**Recipient Address:** Project Management Division I  
900 S. Fremont Avenue  
Alhambra, California 91803

**Project Representative:** Kaly Trezos

**Telephone Number:** (626) 300-2318

**Conditions for Approval:** [24 CFR 58.40(d), 40 CFR 1505.2(c)]

The proposed La Crescenta Library would result in significant environmental effects on air quality, hazards and hazardous materials, noise, and traffic/circulation. Mitigation measures have been incorporated into the project design to ensure that the potential impacts can be avoided or reduced to less than significant levels. These mitigation measures include:

## Air Quality

In order to mitigate significant adverse construction emissions that would be generated by construction of the proposed project, the following mitigation measure will be implemented:

*Mitigation Measure 1: The following dust and emission control measures shall be implemented to reduce emissions and their potential for adversely affecting adjacent residences and businesses during the demolition and construction phase:*

*For Dust Control:*

- ◆ *Water construction areas at least twice daily.*
- ◆ *Cover all haul trucks or maintain at least two feet of freeboard.*
- ◆ *Pave or apply water four times daily to all unpaved parking or staging areas.*
- ◆ *Sweep site access points within 30 minutes of any visible dirt deposition on any public roadway.*

- ◆ *Cover or water twice daily any on-site stockpiles of debris, dirt or other dusty material.*
- ◆ *Suspend all operations on any unpaved surface if winds exceed 25 mph.*
- ◆ *Hydroseed or otherwise stabilize any cleared area which remains inactive for more than 96 hours after clearing is completed.*

*For Construction Equipment Emissions:*

- ◆ *Require 90-day low-NO<sub>x</sub> tune-ups for off-road equipment.*
- ◆ *Limit allowable idling to 10 minutes for trucks and heavy equipment.*

*For Off-Site Emissions:*

- ◆ *Encourage car pooling for construction workers.*
- ◆ *Limit lane closures to off-peak travel periods.*
- ◆ *Park construction vehicles off traveled roadways.*
- ◆ *Encourage delivery of materials during non-peak traffic hours.*

## **Hazards and Hazardous Materials**

The implementation of the following mitigation measures would avoid or prevent significant adverse impacts relating to human health and hazards and reduce potential impacts to insignificant levels:

*Mitigation Measure 2: Prior to the demolition of the existing buildings, asbestos-containing materials shall be removed and disposed in accordance with applicable regulations (including South Coast Air Quality Management District (SCAQMD) regulations and Cal-OSHA guidelines) by a state-licensed abatement contractor, with abatement oversight performed by an independent asbestos consultant. All identified lead-based paint shall also be removed and disposed by a licensed contractor, in accordance with existing regulations.*

*Mitigation Measure 3: Prior to demolition activities, all hazardous materials and wastes found on the site, including, but not limited to waste oil containers, antifreeze, and batteries, shall be properly removed and disposed in accordance with federal, state, and local regulations.*

*Mitigation Measure 4: In accordance with the Limited Phase II ESA, the following measures should be completed prior to construction of the proposed library:*

- ◆ *Complete assessment for the previous removal of the former USTs in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines. This will include preparation of a closure report and submission to the County to obtain closure and clearance.*
- ◆ *Remove vent lines for the former USTs and perform confirmation sampling in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines in order to achieve closure. This will require demolition of the refrigerator box prior to removal of the piping.*
- ◆ *Remove the two hydraulic hoists or lifts with associated piping from the automotive repair facility in conformance with the Los Angeles County Department of Public Works guidelines, including confirmation samples for soils under the hoists.*

- ◆ *Remove the clarifier from the automotive repair facility in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines in order to achieve closure, including confirmation samples for soils under the clarifier.*
- ◆ *Investigate and, if identified, remove the cesspool that was located on the west side of the automotive repair facility. The refrigeration box that is attached to the repair facility will need to be removed prior to any investigation. Assessment and confirmation soil sampling are recommended for removal of the cesspool. This cesspool was used for the disposal of fluid from the repair facility clarifier, prior to the site being connected to sewer. Removal and confirmation sampling should be made in conformance with applicable standards.*
- ◆ *Investigate and, if identified, remove the 550-gallon waste oil UST with associated piping located on the west side of the historic gas station building (current automotive repair facility). Confirmation soil sampling and further investigation may be necessary to assess any possible contamination stemming from its past use. Removal and confirmation sampling should be in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines in order to achieve closure.*
- ◆ *The concrete vault on the historic gas station site (current automotive repair facility) should be investigated further and its current or previous use identified. The vault should be properly removed or abandoned in conformance with applicable standards.*
- ◆ *Remove and/or abandon the cesspool at the former used automobile sales lot. Removal and confirmation sampling should be in conformance with applicable standards.*

## **Noise**

In order to mitigate significant adverse demolition and construction noise impacts, the following mitigation measure will be implemented:

*Mitigation Measure 5: Construction and demolition activities at the site shall comply with the County ordinance regarding construction noise and limit demolition and construction activities to the time period from 7:00 AM to 7:00 PM from Monday to Saturday, with no construction on Sundays or holidays. Also, all mobile or stationary internal-combustion-engine powered equipment or machinery shall be equipped with suitable exhaust and air-intake silencers in proper working order.*

## **Traffic/Circulation**

To ensure that no traffic hazards are created by the project, the following mitigation measure will be implemented:

*Mitigation Measure 6: To reduce the potential for accidents and to improve traffic safety in the project area, the following measures shall be implemented as part of the project:*



**Statement of Purpose and Need for the Proposal:** [40 CFR 1508.9(b)]

The existing La Crescenta Library is a single-story, 4,300 square-foot rectangular building at the corner of Sanborn and La Crescenta Avenues. This library was built in 1963. While the community has grown through the years, the library facility has essentially remained the same. Thus, increased demand for library services has led to overcrowding and inadequate facilities and services. The County of Los Angeles has recognized this need and is planning to build a larger facility to serve the demand for library services in the community.

To provide a larger and modern library facility for the current and future population of La Crescenta, the proposed project involves the development of an approximately 14,000-square-foot library facility and parking areas. As proposed, the *La Crescenta Library* would provide children and adult reading areas, an information desk and customer service area, a main lobby with restrooms, a community meeting room, a staff area, covered parking and a surface parking lot. The project would provide residents of the surrounding community with a modern library facility equipped with current computer technology, research and educational tools, and reading/study resources.

The County of Los Angeles seeks to accomplish the following objectives with the proposed *La Crescenta Library*:

- ◆ To meet increasing demand for library services in the community;
- ◆ To provide an expanded library facility for the residents of La Crescenta and the surrounding communities;
- ◆ To provide a state-of-the-art library facility with current computer technology, research and educational tools, and reading resources;

**Description of the Proposal:** [24 CFR 58.32, 40 CFR 1508.25]

The County of Los Angeles is proposing to construct a new La Crescenta Library within the unincorporated community of La Crescenta. The project site is developed with the existing La Crescenta Library, Bruce's Automotive (auto repair shop) and Banner Auto Sales (former used automobile sales lot). The structures on the site would be demolished, prior to construction of the proposed library. During construction, the existing library would be displaced and library users would be directed to the nearest County Library, the La Canada Flintridge Library, located approximately 3.7 miles away.

The proposed *La Crescenta Library* would include a split-level two-story, approximately 14,000-square-foot library facility. The library facilities would be located on the upper level, with approximately 15 parking stalls within the lower level of the structure and approximately 41 additional surface parking spaces.

Access to the project site would be provided at three locations. The main entrance to the parking lot would be located at the southern portion of the site along Foothill Boulevard. An additional entrance would be located along the southwestern portion of the site, at Dyer Street. A delivery entrance would also be provided at the northwestern corner of the site on Sanborn Avenue.

**Existing Conditions and Trends:** [24 CFR 58.40(a)]

The existing La Crescenta Library has a floor area of approximately 4,300 square feet and serves the community of La Crescenta and the surrounding areas. The one-story wood-frame structure has an entrance at the corner of La Crescenta Avenue and Sanborn Avenue, with a parking lot to the south.

This library has a circulation desk with check-out terminals, a reference desk, reading area, and a small computer area. Parking for the library is located immediately south of the building. The parking area has 15 parking stalls and one handicap parking stall. Vehicular access to the library is provided by an entrance driveway on La Crescenta Avenue and an exit driveway on Sanborn Avenue.

The parcel where the current library is found is elevated approximately 15 feet above the lower commercial parcels on Foothill Boulevard. A cinderblock retaining wall separates the upper library parcel from the lower parcel to the south, which is developed with an auto repair shop.

An automotive repair facility, Bruce's Automotive, is located at 2801 Foothill Boulevard, at the northwestern corner of La Crescenta Avenue and Foothill Boulevard. This auto repair shop occupies the southeastern section of the project site for the proposed library.

Bruce's Automotive operates out of a 1,485-square foot wood-frame structure with a metal roof. The auto repair shop was a former gas station and has two repair bays, an office, and a storage area. A small metal storage structure is located west of the shop and a parking area is located to the south of the auto repair shop. A 25-foot high billboard is also found at the western section of the parcel. This parcel has an access driveway on Foothill Boulevard.

A used automobile sales business, Banner Auto Sales, was previously located at 2813 Foothill Boulevard, at the northeastern corner of Foothill Boulevard and Dyer Street, but has since been discontinued. This lot at the southwestern section of the project site is currently occupied by a commercial business selling outdoor garden wares.

The former used automobile sales lot is primarily a paved parking lot with a 400-square-foot office and open carport at the rear (north side) of the parcel. Access driveways to the lot are available on Foothill Boulevard and Dyer Street. Banners and light poles, as well as aboveground waste oil containers are found on the property.

Without the proposed project, the existing land uses on the site would remain in place. The existing library would continue to serve the community residents and inadequacies in library services would continue or become worse with increases in demand for library services from the growing local population.

## Statutory Checklist

[24CFR §58.5]

<b>Factors</b>	<b>Determination and Compliance Documentation</b>
<p><b>Historic Preservation</b> [36 CFR 800]</p>	<p>The project site is currently developed with a library (1963) and associated parking, an automotive repair shop (1969), and a former used automobile sales lot (1962). Due to past developments on the site, which included the installation of septic tanks and underground storage tanks (USTs), no cultural or historical resources are anticipated to be discovered within the project site. No archaeological resources or historic structures are present on or near the site, which may be affected by the proposed library construction. Thus, no impacts to historic resources would occur.</p>
<p><b>Floodplain Management</b> [24 CFR 55, Executive Order 11988]</p>	<p>The project site is not located within a 100- or 500-year floodplain boundary per the County of Los Angeles General Plan Safety Element or the Federal Emergency Management Agency’s Flood Insurance Rate Map Panel No. 0650430675 B. The site and the surrounding areas are located within Zone C – areas of minimal flooding, The nearest flood hazard area is located south of the site along the Verdugo Wash, approximately 0.78-mile southwest of the site. The site will not be exposed to flood hazards nor will the proposed library create flood hazards.</p>
<p><b>Wetlands Protection</b> [Executive Order 11990]</p>	<p>Vegetation on the project site consists of scattered ornamental landscaping along Foothill Boulevard and La Crescenta Avenue. Storm drainage is provided by underground pipes. No wetland areas are located within the project site, or in the immediate vicinity of the project site. No impacts on wetlands would occur with the proposed project.</p>
<p><b>Coastal Zone Management Act</b> [Sections 307(c),(d)]</p>	<p>The La Crescenta community and the project site are not located within the coastal zone. La Crescenta is located more than 22 miles from the Pacific Coast. Thus, no impact on coastal resources would occur with the project.</p>
<p><b>Sole Source Aquifers</b> [40 CFR 149]</p>	<p>The site is not underlain by a sole source aquifer and no sole source aquifers exist within the vicinity of the project site. Groundwater in the area is pumped from the Verdugo Basin, a small tributary to the larger San Fernando Valley Groundwater Basin. The Verdugo Basin is not a sole source aquifer. Thus, no impacts to sole source aquifers would occur.</p>
<p><b>Endangered Species Act</b> [50 CFR 402]</p>	<p>The project site does not support any sensitive or endangered biological resources. Vegetation at the project site consists of ornamental landscaping along the perimeter of the library and within the parkways on La Crescenta Avenue and Foothill Boulevard. No sensitive plant species are located at the project site, nor are any sensitive animal species expected on the site. The project would not create impacts to endangered species and sensitive biological resources.</p>

Factors	Determination and Compliance Documentation
<p><b>Wild and Scenic Rivers Act</b> [Sections 7 (b), (c)]</p>	<p>The project site is not located near a wild or scenic river. The nearest river is the Los Angeles River, located approximately 6.0 miles south of the site. The proposed project would not have an impact on the Los Angeles River or any wild and scenic rivers.</p>
<p><b>Air Quality</b> [Clean Air Act, Sections 176 (c) and (d), and 40 CFR 6, 51, 93]</p>	<p>Air quality impacts of the project would include construction emissions and long-term vehicle and stationary emissions. These emissions would be minor and would not contribute to violation of air quality standards. Short-term construction emissions may create nuisance impacts on adjacent land uses, but implementation of mitigation measures would reduce impacts to less than significant levels. These include:</p> <p><i>Mitigation Measure 1: The following dust and emission control measures shall be implemented to reduce emissions and their potential for adversely affecting adjacent residences and businesses during the demolition and construction phase:</i></p> <p><i>For Dust Control:</i></p> <ul style="list-style-type: none"> <li>▪ <i>Water construction areas at least twice daily.</i></li> <li>▪ <i>Cover all haul trucks or maintain at least two feet of freeboard.</i></li> <li>▪ <i>Pave or apply water four times daily to all unpaved parking or staging areas.</i></li> <li>▪ <i>Sweep site access points within 30 minutes of any visible dirt deposition on any public roadway.</i></li> <li>▪ <i>Cover or water twice daily any on-site stockpiles of debris, dirt or other dusty material.</i></li> <li>▪ <i>Suspend all operations on any unpaved surface if winds exceed 25 mph.</i></li> <li>▪ <i>Hydroseed or otherwise stabilize any cleared area which remains inactive for more than 96 hours after clearing is completed.</i></li> </ul> <p><i>For Construction Equipment Emissions:</i></p> <ul style="list-style-type: none"> <li>▪ <i>Require 90-day low-NO<sub>x</sub> tune-ups for off-road equipment.</i></li> <li>▪ <i>Limit allowable idling to 10 minutes for trucks and heavy equipment.</i></li> </ul> <p><i>For Off-Site Emissions:</i></p> <ul style="list-style-type: none"> <li>▪ <i>Encourage car pooling for construction workers.</i></li> <li>▪ <i>Limit lane closures to off-peak travel periods.</i></li> <li>▪ <i>Park construction vehicles off traveled roadways.</i></li> <li>▪ <i>Encourage delivery of materials during non-peak traffic hours.</i></li> </ul>
<p><b>Farmland Protection Policy Act</b> [7 CFR 658]</p>	<p>The project area is highly urbanized and no agricultural uses are present on the project site or near the site. The California Department of Conservation's <i>Farmland Mapping and Monitoring Program</i> has designated the unincorporated</p>

Factors	Determination and Compliance Documentation
	community of La Crescenta within Los Angeles County as developed, urban land. The area is not designated as farmland. Thus, no impacts on farmlands would result from the proposed project.
<b>Environmental Justice</b> [Executive Order 12898]	The proposed project would not adversely impact a disadvantaged segment of the population or community. The site is developed with a library and commercial uses. No housing units, household or resident displacement would occur as part of the project. The project area includes a combination of residential and commercial uses. No minority or Indian populations would be affected by the proposed project. Furthermore, the proposed project would provide public library services to the community and would have no adverse impact on the surrounding neighborhood.

HUD Environmental Standards	Determination and Compliance Documentation
<b>Noise Abatement and Control</b> [24 CFR 51 B]	<p>Noise impacts of the project would include construction noise and long-term vehicle and stationary noise. The projected vehicle noise impacts would be minor due to the low number of vehicle trips that would be generated by the site, when compared to the traffic volumes on the surrounding streets. Stationary noise impacts would be limited since the majority of library activities would be conducted indoors. Short-term construction noise may create nuisance impacts on adjacent land uses, but implementation of the following mitigation would reduce impacts to less than significant levels:</p> <p><i>Mitigation Measure 5: Construction and demolition activities at the site shall comply with the County ordinance regarding construction noise and limit demolition and construction activities to the time period from 7:00 AM to 7:00 PM from Monday to Saturday, with no construction on Sundays or holidays. Also, all mobile or stationary internal-combustion-engine powered equipment or machinery shall be equipped with suitable exhaust and air-intake silencers in proper working order.</i></p> <p>The project would comply with the County's noise regulations.</p>
<b>Toxic/Hazardous/Radioactive Materials, Contamination, Chemicals or Gases</b> [24 CFR 58.5(i)(2)]	Hazardous materials are and have been used on site, as associated with the operation of the existing auto repair shop, the used automobile sales lot, and the past use of the southeastern section of the site as a gas station. Existing structures on the site that would be demolished as part of the project may also contain asbestos and lead-based paint, which are considered hazardous materials.

HUD Environmental Standards	Determination and Compliance Documentation
	<p>The auto repair shop was previously utilized as a gas station and had four underground storage tanks (ranging in size from 4,000 to 8,000 gallons) and fuel dispenser islands. The underground tanks and fuel islands were removed from this parcel in 1994; however, no closure report was found on file with the County Department of Public Works.</p> <p>Based on the results of the Limited Phase 2 ESA, no soil contamination was detected on the site. However, there are structures and substructures remaining on the site (such as vent lines, refrigerator box, 2 hydraulic hoists, a clarifier, 3 cesspools, a 550-gallon waste oil tank and several waste oil containers, and a concrete vault) that would need to be removed and/or abandoned according to applicable standards prior to reuse of the site. Mitigation measures have been identified to reduce impacts associated with hazardous materials to less than significant levels. These include:</p> <p><i>Mitigation Measure 2: Prior to the demolition of the existing buildings, asbestos-containing materials shall be removed and disposed in accordance with applicable regulations (including South Coast Air Quality Management District (SCAQMD) regulations and Cal-OSHA guidelines) by a state-licensed abatement contractor, with abatement oversight performed by an independent asbestos consultant. All identified lead-based paint shall also be removed and disposed by a licensed contractor, in accordance with existing regulations.</i></p> <p><i>Mitigation Measure 3: Prior to demolition activities, all hazardous materials and wastes found on the site, including, but not limited to waste oil containers, antifreeze, and batteries, shall be properly removed and disposed in accordance with federal, state, and local regulations.</i></p> <p><i>Mitigation Measure 4: In accordance with the Limited Phase II ESA, the following measures should be completed, prior to construction of the proposed library:</i></p> <ul style="list-style-type: none"> <li>◆ <i>Complete assessment for the previous removal of the former USTs in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines. This will include preparation of a closure report and submission to the County to obtain closure and clearance.</i></li> <li>◆ <i>Remove vent lines for the former USTs and perform confirmation sampling in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines in order to</i></li> </ul>

HUD Environmental Standards	Determination and Compliance Documentation
	<p><i>achieve closure. This will require demolition of the refrigerator box prior to removal of the piping.</i></p> <ul style="list-style-type: none"> <li>◆ <i>Remove the two hydraulic hoists or lifts with associated piping from the automotive repair facility in conformance with the Los Angeles County Department of Public Works guidelines, including confirmation samples for soils under the hoists.</i></li> <li>◆ <i>Remove the clarifier from the automotive repair facility in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines in order to achieve closure, including confirmation samples for soils under the clarifier.</i></li> <li>◆ <i>Investigate and, if identified, remove the cesspool that was located on the west side of the automotive repair facility. The refrigeration box that is attached to the repair facility will need to be removed prior to any investigation. Assessment and confirmation soil sampling are recommended for removal of the cesspool. This cesspool was used for the disposal of fluid from the repair facility clarifier, prior to the site being connected to sewer. Removal and confirmation sampling should be made in conformance with applicable standards.</i></li> <li>◆ <i>Investigate and, if identified, remove the 550-gallon waste oil UST with associated piping located on the west side of the historic gas station building (current automotive repair facility). Confirmation soil sampling and further investigation may be necessary to assess any possible contamination stemming from its past use. Removal and confirmation sampling should be in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines in order to achieve closure.</i></li> <li>◆ <i>The concrete vault on the historic gas station site (current automotive repair facility) should be investigated further and its current or previous use identified. The vault should be properly removed or abandoned in conformance with applicable standards.</i></li> <li>◆ <i>Remove and/or abandon the cesspool at the former used automobile sales lot. Removal and confirmation sampling should be in conformance with applicable standards.</i></li> </ul>
<b>Siting of HUD-Assisted Projects near Hazardous Operations</b> [24 CFR 51 C]	<p>The existing auto repair shop would be demolished as part of the project, which utilizes hazardous materials and generates hazardous wastes, such as waste oil, antifreeze, and batteries.</p>

<b>HUD Environmental Standards</b>	<b>Determination and Compliance Documentation</b>
	<p>The project site is located adjacent to the Crescenta Valley Car Wash and Lube Center, which utilizes oil and automobile products. The car wash is located south of the project site, across Foothill Boulevard. Other hazardous material users are located farther away and would not affect the proposed library. Because the Crescenta Valley Car Wash and Lube Center currently operates in accordance with local, state, and federal guidelines with respect to handling and disposal of hazardous waste, it is not anticipated that significant impacts would occur due to its proximity to the proposed library. Other hazardous materials users and sites would have no impact on the project due to their distance from the site and down gradient location.</p>
<p><b>Airport Clear Zones and Accident Potential Zones</b> [24 CFR 51 D]</p>	<p>The site is located approximately 13.2 miles northeast of the Burbank Airport, and approximately 31 miles northeast of the Los Angeles International Airport. Thus, the site is located outside the clear zones or accident potential zones of both airports. There are no airports or airfields located near the site. No impacts on airport clear zones or accident potential zones are expected with the project.</p>

## Environmental Assessment Checklist

[Environmental Review Guide HUD CPD 782, 24 CFR 58.40; Ref. 40 CFR 1508.8 & 1508.27]

**Impact Codes:** (1) - No impact anticipated; (2) - Potentially beneficial; (3) - Potentially adverse; (4) - Requires mitigation; (5) - Requires project modification.

Land Development	Code	Source or Documentation
Conformance with Comprehensive Plans and Zoning	1	The Los Angeles County General Plan Land Use Map designates the parcels fronting along Foothill Boulevard as Major Commercial. The library parcel is designated as Low-Density Residential. The commercial parcels along Foothill Boulevard, adjacent to the existing library, are zoned C-3 (Unlimited Commercial) with a Billboard Exempt overlay. The library parcel is zoned R-1 (Single-Family Residential). These zones and land use designations allow for the development of a library on the site. Thus, the project would conform to the County General Plan and Zoning Ordinance.
Compatibility and Urban Impact	2	The site is located at the boundary between residential and commercial areas in the La Crescenta community. Thus, it will serve as a buffer between these land uses and would be compatible with adjacent residential and commercial uses.
Slope	1	The parcel where the current library is found is elevated approximately 15 feet above the lower commercial parcels on Foothill Boulevard. A cinderblock retaining wall separates the upper library parcel from the lower parcel to the south, which is developed with an auto repair shop. The proposed library would take advantage of the slope on the site by providing the library on the upper level and a parking garage on the lower level along Foothill Boulevard. No changes or adverse impacts to slopes are expected.
Erosion	3	The on-site soils have slow runoff and slight erosion hazards. The site is largely paved and built over and will remain largely paved. Open areas will be limited to landscaping to be provided along the perimeter of the site. Thus, no soil erosion hazards are expected on site. During grading and excavation activities, the potential for short-term soil erosion may occur, due to the sloping topography of the site. Standard erosion control measures, as required by the County, will be implemented during construction to prevent hazards associated with soil erosion. Thus, impacts are expected to be less than significant.
Soil Suitability	1	The project site is underlain with very coarse-grained Holocene Alluvium formations. No geologic hazards are presented by the on-site soils.
Hazards and Nuisances including Site Safety	4	Hazardous material issues are discussed under Toxic/Hazardous/Radioactive Materials, Contamination, Chemicals or Gases on page 9 of this document.

Land Development	Code	Source or Documentation
Energy Consumption	3	Energy consumption from the proposed library is expected to be limited due to its size, compared to the service area and total power consumption within the service boundaries of the Southern California Edison Company and the Southern California Gas Company.
Noise - Contribution to Community Noise Levels	4	<p>Noise impacts from the proposed project would include temporary noise impacts, which could occur during demolition and construction activities at the site, and vehicle noise impacts due to the increase in the number of vehicles coming to and from the site. Stationary noise sources would also be introduced by the project.</p> <p>Construction noise sources are generally intermittent and do not occur all day. Construction occurs only during selected times and the source strength of construction equipment varies sharply with time. Construction activities are also treated separately in various community noise ordinances because they do not represent a chronic, permanent noise source. To abate the potential nuisance from construction noise, especially in very close proximity to any adjacent noise-sensitive development, the County of Los Angeles places limits on the hours of allowable construction activities and prohibits loud, unnecessary and unusual construction noise within a reasonable distance of any residential or other noise-sensitive zone. The time period from 7:00 AM to 7:00 PM from Monday to Saturday is the allowable "window" in which construction noise is considered an allowable intrusion. The County also requires compliance with noise performance standards for loud construction activities and requires the use of suitable exhaust and air-intake silencers. A mitigation measure has been developed to ensure compliance with the County's noise regulations during the project's construction phase. Compliance with County noise regulations would prevent adverse impacts during the construction phase.</p> <p>The proposed project would lead to an increase in the number of employees and visitors to the project site, as compared with the employee and users of the existing library and auto repair shop (with the former used automobile sales lot not in use). The project would also add new vehicle traffic noise sources on surrounding streets. The increase in vehicles to and from the site is not expected to lead to a significant increase in the noise levels in the project area.</p> <p>Most people cannot distinguish a change in the noise environment that differs by less than approximately 3.0 decibels (dBA) between the existing and post-project exposure.</p>

Land Development	Code	Source or Documentation
		<p>Exceeding a 3.0-dB threshold from automobile traffic typically requires a doubling of traffic volumes on any individual roadway link. Few projects in already developed areas can cause, by themselves, existing traffic volumes to double. The proposed <i>La Crescenta Library</i> would generate approximately 756 daily vehicle trips, or a net increase of 481 daily vehicle trips, due to land uses that would be removed from the site. A net increase of 481 daily trips would not lead to a doubling of existing traffic volumes on Foothill Boulevard, which is estimated to carry approximately 28,000 vehicles per day. Thus, the increase in noise levels along Foothill Boulevard would be less than 3.0 dB and would not be discernible.</p> <p>In addition, vehicle trips that currently travel north on La Crescenta Avenue to reach the existing library would no longer occur, since access to the proposed library would be provided on Foothill Boulevard. Thus, a decrease in traffic volumes and associated noise levels on La Crescenta Avenue, north of Foothill Boulevard, would occur with the project.</p> <p>The proposed <i>La Crescenta Library</i> would lead to the use of the library facilities by employees, visitors, parents, children, students, and the general public for various administrative, recreational, educational and public uses. While more users would be at the larger library facility, the on-site activities would primarily occur indoors and are not expected to generate noise levels that would exceed 70 dBA Community Noise Equivalent Level (CNEL). With the exception of the deck located along the southern portion of the site adjacent to Foothill Boulevard, no outdoor activity areas are specifically proposed as part of the project. This deck is not expected to be used by large crowds or for loud activities. Rather, it is proposed as a viewing deck for use by library patrons and employees. Thus, stationary noise on the site would not exceed levels typically experienced at commercial and residential areas. No significant adverse noise impacts would occur with the project.</p>
<p><b>Air Quality</b> Effects of Ambient Air Quality on Project and Contribution to Community Pollution Levels</p>	<p>4</p>	<p>Air quality impacts from the proposed project would include short-term emissions from demolition and construction activities at the site, and vehicle emissions due to the increase in the number of vehicles coming to and from the site. Stationary emissions due to power and gas consumption would also be introduced by the project.</p> <p>Construction of the proposed <i>La Crescenta Library</i> would involve demolition of the existing building structures, billboard, and pavements, and would involve the construction of an approximately 14,000 square-foot</p>

Land Development	Code	Source or Documentation
		<p>library. The project would generate pollutant emissions from demolition and construction equipment, worker trips, and on-site activities. Due to the small size of the project, demolition and construction emissions are not expected to exceed SCAQMD significance thresholds.</p> <p>The long term emissions from vehicle trips (756 daily trips) to and from the site would contribute to air pollution levels in the region. However, the proposed project would simultaneously replace the existing land uses and trips generated by existing land uses would be removed, resulting in a net increase of 481 daily trips. The emissions from these 481 trips would not exceed SCAQMD thresholds of significance. Similarly, emissions from power and gas consumption at the site would be relatively minor due to the small size of the proposed library.</p>
<p><b>Environmental Design</b> Visual Quality - Coherence, Diversity, Compatible Use and Scale</p>	<p>2</p>	<p>The project site is a 0.87-acre L-shaped area, located northwest of the intersection of La Crescenta Avenue and Foothill Boulevard, in the unincorporated community of La Crescenta. Currently, the existing La Crescenta Library is located on the project site, along with an automobile repair shop and a former used automobile sales lot. Existing building structures on the site include a 4,300-square-foot library building in the northeastern portion of the site, an automotive repair shop building in the southeastern portion of the site, and a small office for the former used automobile sales lot in the southwestern portion of the site. In addition, an approximately 25-foot tall billboard is located in the south-central portion of the site, along Foothill Boulevard.</p> <p>The project would replace the existing structures within the site with an approximately 14,000-square-foot two-story library facility. Due to the grade difference, the project would feature a one-story structure on the northeastern section, similar to the existing library, when viewed along La Crescenta Avenue and Sanborn Avenue. However, a second story would extend along the southeastern portion of the project site as the proposed library building extends over the parking garage on Foothill Boulevard. Existing commercial and office buildings along Foothill Boulevard have the same bulk and scale as the proposed <i>La Crescenta Library</i>. The proposed two-story library would reflect the mix of one- and two-story structures currently found along Foothill Boulevard. While changes in views of the site and through the site would occur, the project would not block views of the nearby Verdugo Mountains or the San Gabriel Mountains.</p>

<b>Socioeconomic</b>	<b>Code</b>	<b>Source or Documentation</b>
Demographic Character Changes	1	The proposed project would not change the demographic character of the immediate area. No housing units, household or resident displacement would occur with the project. The library would still be located at the same site, although a new and larger facility would be provided. The auto repair shop and former used automobile sales lot would be displaced, however, the former used automobile sales lot is not in operation and the auto repair shop is expected to relocate to another location in the immediate area.
Displacement	3	No housing units or housing facilities would be displaced by the proposed library. The current employees of the existing library would be temporarily reassigned during construction of the project but would be brought back as part of the new expanded library. The auto repair shop would be displaced and its owner-employee is expected to relocate the business to another location.
Employment and Income Patterns	3	<p>The proposed library would not adversely impact employment or income patterns. Rather, the larger facility is expected to create jobs for the local work force. The project would increase the number of employees on-site from approximately 15 employees (14 employees at existing library and 1 employee at auto repair shop) to a total of approximately 49 employees. These employees are expected to come from the labor force in the community and surrounding areas and would help reduce the unemployment rate in the County.</p> <p>As discussed above, temporary relocation of library employees is expected, with displacement of one auto repair shop owner-employee. The proposed library would generate approximately 49 employment positions. These jobs may be filled by residents of La Crescenta and the adjacent communities. Beneficial impacts in terms of employment and income patterns are expected from the project.</p>

<b>Community Facilities and Services</b>	<b>Code</b>	<b>Source or Documentation</b>
Educational Facilities	1	<p>The project site is located within the service boundaries of the Glendale Unified School District. Existing commercial and library uses on the site do not generate a demand for school services.</p> <p>The proposed project would replace the existing library, auto repair shop, and former used automobile sales lot with a larger library structure. No residential uses, which may generate students, are proposed. The larger library would not create a demand for school services, but would</p>

Community Facilities and Services	Code	Source or Documentation
		support the educational needs of students and the community. Thus, no direct student generation or demand for school services would occur with the project.
Commercial Facilities	1	The site is developed with a former used automobile sales lot and an auto repair shop, as well as a library. The on-site commercial uses would be displaced by the project. However, the former used automobile sales lot is not in operation and the auto repair shop is expected to relocate to another location. The proposed project would not affect commercial uses found near the site.
Health Care	1	The proposed library would not create a demand for expanded health care services in the area. The larger library facility would operate in accordance with existing health and safety regulations and no direct demand for health care services are expected to be generated by the library services and activities or its employees and visitors.
Social Services	2	The proposed library, its employees or its visitors are not expected to require any specific social service or create a demand that may adversely impact existing social services in the County. Rather, the proposed library would improve the public services to area residents.
Solid Waste	3	<p>The demolition and construction of the project would result in short-term generation of construction wastes from the site. In addition, the use of the proposed <i>La Crescenta Library</i> would result in long-term solid waste generation. The California Integrated Waste Management Board (CIWMB) estimates public and institutional land uses to generate approximately 7 pounds per thousand square foot per day. Using this factor, the proposed library would generate 98 pounds of solid wastes per day.</p> <p>Waste from the project would be disposed by Consolidated Disposal Services or other contracted waste disposal company and brought to the Scholl Canyon Landfill. There is ample capacity at Scholl Canyon Landfill to accommodate the solid waste disposal needs of the proposed project. The landfill accepts 1,400 tons of wastes per day and has more than 18 million cubic yards of remaining capacity at the landfill at this time. The project's impacts on landfill capacity are expected to be less than significant.</p> <p>The proposed library would generate solid wastes as part of its daily operations. It is anticipated that the library would implement paper, cardboard, aluminum can and glass recycling programs on-site, as practiced at other County facilities. This would reduce the total volume of waste requiring landfill disposal.</p>

Community Facilities and Services	Code	Source or Documentation
Waste Water	3	<p>The proposed <i>La Crescenta Library</i> would result in wastewater generation associated with the use of restrooms by an increased number of employees and library users. An increase in sewage generation is anticipated over the existing sewage generation, due to the increase in the number of restrooms and on-site users. Future sewage generation is estimated at an average of 600 gallons of wastewater per day to a peak of 1,218 gallons per day. These estimates are based on demand factors from the City of Los Angeles Department of Public Works, with sewage generation representing 80 percent of water consumption.</p> <p>The County will pay for sewer services to the site. The Crescenta Valley Water District would be able adequately serve the project with no significant adverse impacts on existing sewer services since the increase in wastewater volume is not expected to be significant when compared to the service area of the Crescenta Valley Water District and their available treatment capacity. The wastewater from the proposed library would also not require treatment beyond what is commonly provided to municipal wastewater. The project would not exceed wastewater treatment standards.</p>
Storm Water	1	<p>When compared to the existing land uses on the project site, the proposed project would result in an increase in building floor area. However, the proposed project would feature landscaped areas around the perimeter of the building and surface parking lot than currently existing at the site. Thus, runoff from the site would decrease over existing runoff volumes due to greater ground percolation. The proposed project would continue to discharge runoff into Foothill Boulevard for conveyance to the underground storm drain line on La Crescenta Avenue. The proposed project would not need new or expanded storm water drainage facilities.</p>
Water Supply	3	<p>The proposed project would result in long-term water consumption associated with the use of restrooms, landscape irrigation, and facility maintenance activities at the new library. The estimated water consumption is 750 to 1,523 gallons per day, which is likely to be greater than the existing water consumption, due mainly to the increase in building floor area.</p> <p>The County will pay for water services to the site. The Crescenta Valley Water District would be able adequately serve the project with no significant adverse impacts on existing water supplies. The increase in water demand from the project is not expected to be significant when</p>

Community Facilities and Services	Code	Source or Documentation
		<p>compared to the service area of the Crescenta Valley Water District and their available water supplies. The project would not require the construction of new water facilities.</p>
<p>Public Safety - Police</p>	<p><b>3</b></p>	<p>Law enforcement services at the project site are provided by the County of Los Angeles Sheriff's Department, with the nearest Sheriff's Station located east of the project site at 4554 North Briggs Avenue.</p> <p>The increase in the number of persons at the site and in the number of vehicles coming to and from the site would result in a potential for an increase in property crimes (vandalism and theft) and personal crimes, as well as traffic accidents requiring a demand for police protection services.</p> <p>The increase in building floor area is not expected to create a major demand for police services, when compared to the total demand in the La Crescenta community. The proposed library would have security features such as a security alarm system, security gates, and locked doors to prevent and reduce the incidence of property crimes at the site. Similarly, the driveways on the site have been designed to minimize the potential for traffic accidents and pedestrian hazards. Thus, the proposed project is not expected to create a major demand for police protection or law enforcement service on the site. Thus, impacts on police services are not expected to be significant.</p>
<p>- Fire</p>	<p><b>3</b></p>	<p>Fire protection services for the site are provided by the Los Angeles County Fire Department. The nearest fire station to the project site is Station No. 63, which is located at 4526 North Ramsdell Avenue, just west of the project site.</p> <p>The proposed <i>La Crescenta Library</i> would increase the current demand for fire protection services on-site, due to the increase in building floor area that would be constructed on-site. The project proposes the demolition of structures built in the early 1960's, including an existing library facility, auto repair shop, and former used automobile sales lot. Thus, while the project would provide a larger structure on the site, it would remove fire hazards associated with the existing older buildings. Compliance with the current requirements of the California Building Code and the Uniform Fire Code for building construction, fire safety, and emergency response would avoid the creation of fire hazards and the creation of a major increase in demand for fire protection services. Impacts on fire protection services are expected to be less than significant.</p>

Community Facilities and Services	Code	Source or Documentation
- Emergency Medical	1	<p>While emergencies may occur at the site, requiring immediate medical services, this demand is not expected to be significant and can be met by nearby facilities, such as the Verdugo Hills Hospital, located at 1812 Verdugo Boulevard in Glendale and approximately 2.6 miles southeast of the project site.</p> <p>Medical services required by employees and visitors of the library are expected to continue to be met by facilities located conveniently to their place of residence or as allowed by their health care insurance coverage. The proposed library would operate in accordance with public safety regulations and would not create a significant increased demand for emergency medical services within the area. No impacts are anticipated.</p>
Open Space and Recreation - Open Space	1	<p>The site is developed and is not designated for open space. No undeveloped, natural open space occurs on or near the project site; therefore the proposed library would not create a significant impact on open space.</p>
- Recreation	1	<p>The proposed <i>La Crescenta Library</i> is not expected to lead to or encourage on-site employees or visitors to use nearby recreational facilities due to their employment or use of the proposed library. Employees and visitors of the <i>La Crescenta Library</i> are not expected to use the nearest park, Two Strike County Park, before and after visiting the library. No increase in the use of nearby recreational facilities would occur as a result of the proposed project. Also, there are no parks or recreational facilities located adjacent to the project site, which may be impacted by the proposed project. Thus, no impact on neighborhood or regional parks is expected with the project.</p>
- Cultural Facilities	2	<p>The project site is not located near any cultural facilities and would, therefore, not have any effects on these facilities with construction and operation of the proposed library.</p>
Transportation	4	<p>The project site is located at the northwestern corner of La Crescenta Avenue and Foothill Boulevard. Foothill Boulevard is a four-lane arterial roadway with a two-way left turn in the center of the roadway at its signalized intersection with La Crescenta Avenue. La Crescenta Avenue is a collector roadway, with access to the westbound and eastbound lanes of the I-210 Freeway. South of Foothill Boulevard, La Crescenta Avenue is a four-lane roadway. North of Foothill Boulevard, La Crescenta Avenue narrows to a two-lane collector street going through residential areas.</p> <p>The existing land uses generate approximately 275 vehicle trips daily and the proposed library project would</p>

Community Facilities and Services	Code	Source or Documentation
		<p>generate approximately 756 vehicle trips daily. This translates to a net increase of 481 vehicle trips on the surrounding streets from the proposed project.</p> <p>The future traffic conditions at area intersections were calculated with a four percent ambient growth to obtain 2007 intersection conditions. The analysis in the Traffic Study shows that the Level of Service, (LOS), at the study intersections would remain the same, with slight increases in the Intersection Capacity Utilization (ICU). When the project generated trips are added to the projected traffic volumes of the study intersections, the additional vehicle trips from the proposed library lead to slight increases in ICU, but also retain the existing and projected LOS. All study intersections would remain at an acceptable LOS of D or better, for all peak periods, with or without project implementation. Thus, the project would not generate significant traffic impacts to the surrounding circulation system in the project area.</p> <p>The proposed project would increase the number of vehicles coming to and from the site. Given the high through traffic volumes on both the eastbound and westbound lanes on Foothill Boulevard, left turns heading out from the site can be a potential safety hazard. The introduction of eastbound left turns into the driveway on Foothill Boulevard to reach the proposed library could also block the existing lanes and driveways on the south side of Foothill Boulevard. A number of measures are recommended to prevent the creation of traffic safety hazards in the surrounding area. These include:</p> <p><i>Mitigation Measure 6: To reduce the potential for accidents and to improve traffic safety in the project area, the following measures shall be implemented as part of the project:</i></p> <ul style="list-style-type: none"> <li>◆ <i>The library entrance on Foothill Boulevard should be restricted as a right-in right-out only access driveway.</i></li> <li>◆ <i>An exclusive right turn lane and a combined left-turn and through lane should be striped for at least 50 feet at the southbound lane on Dyer Street as it approaches its intersection with Foothill Boulevard.</i></li> <li>◆ <i>An exclusive left turn lane is recommended for northbound traffic at the intersection of La Crescenta Avenue and Sanborn Avenue, and an exclusive right-turn lane is recommended for eastbound traffic at the</i></li> </ul>

Community Facilities and Services	Code	Source or Documentation
		<p><i>same intersection.</i></p> <ul style="list-style-type: none"> <li>◆ <i>The bus stop on Foothill Boulevard, just west of the intersection of Foothill Boulevard and La Crescenta Avenue, should be relocated nearer to the intersection of Foothill Boulevard and Dyer Street. This will provide better visibility of the library and avoid vehicle queuing at the intersection of Foothill Boulevard and La Crescenta Avenue.</i></li> <li>◆ <i>Way finding signs and markers should be provided at nearby intersections and at quarter-mile locations on Foothill Boulevard and La Crescenta Avenue, to avoid traffic slow-down caused by newly attracted unfamiliar travelers.</i></li> <li>◆ <i>The signal timing at the Foothill Boulevard/La Crescenta Avenue intersection shall be optimized within three months after opening of the new expanded library, based on new traffic counts at the time.</i></li> </ul> <p>These measures would prevent the creation of traffic safety hazards in the area and reduce potential adverse traffic impacts to less than significant levels.</p>

Natural Features		Source or Documentation
Water Resources	3	<p>The project site is underlain by the Verdugo groundwater basin, which provides water resources to the Crescenta Valley Water District through several area wells. Well data at the nearest groundwater well (1,680 feet northeast of the site) shows groundwater levels at 170.3 feet below the surface in May 2004. Groundwater flow is inferred to be southwesterly, based on surface topography.</p> <p>No water wells are proposed as part of the project. The net increase in water demand that would be created by the increase in building floor area would not represent a significant amount of water from the Crescenta Valley Water District and the project would not adversely impact existing groundwater supplies.</p> <p>The construction of the proposed library facility would not interfere with groundwater recharge, since the site does not serve as a recharge basin and construction activities are not expected to involve excavation activities beyond 50 feet of the ground surface. Groundwater levels are estimated at 170 feet below the surface and would not be affected. No significant impacts on</p>

Natural Features		Source or Documentation
Surface Water	1	<p>groundwater resources are expected.</p> <p>The project site is largely paved and runoff from the site of the existing library flows east toward La Crescenta Avenue, while runoff from the auto repair shop and former used automobile sales lot flows south toward Foothill Boulevard and then easterly toward La Crescenta Avenue. The site is located within an area that generally drains southwest into the Verdugo Wash. The Verdugo Wash runs parallel to the Verdugo Mountains in a northwest to southeast direction and is located approximately 0.78-mile southwest of the site. Water in the Verdugo Wash flows into the Los Angeles River (approximately 6.0 miles south of the project site), and ultimately drains into the Pacific Ocean at Long Beach.</p> <p>The proposed project would lead to the demolition of existing structures and construction of a larger library facility. Due to the small size of the project site, the project is not expected to significantly alter the existing drainage patterns and/or increase surface runoff that may result in substantial erosion, siltation, or flooding on or off the site. The project would include on-site drainage improvements to collect and transfer stormwater runoff from the project site to the existing storm drain system serving the area. Runoff from the project site will continue to be conveyed south toward Foothill Boulevard and then east toward the existing storm drain line on La Crescenta Avenue. Thus, changes to the existing drainage patterns within the site and in the project area would not be significant.</p>
Unique Natural Features and Agricultural Lands	1	<p>The project site has a slight slope to the south but the project area is highly urbanized and no unique natural features are present on or near the site. Also, there are no agricultural lands on or near the site. Thus, no impacts on natural features or agricultural lands would occur with the proposed library.</p>
Vegetation and Wildlife	1	<p>The 0.87-acre site is largely paved and built over, with scattered ornamental plants found on-site. Parkway trees are present along Foothill Boulevard and La Crescenta Avenue and shrubs and trees are present along the northern and eastern sides of the library building and along the slope on La Crescenta Avenue. The parcels for the auto repair shop and former used automobile sales lot do not support trees, plants or landscaping materials.</p> <p>Animal life on-site and in the area is limited to those species commonly found in an urbanized setting, such as common bird, insect, reptile, and small mammal species. According to the Los Angeles County General Plan, the site is located within an urban area and outside designated conservation</p>

Natural Features		Source or Documentation
		<p>and open spaces. The site is also located outside a designated Significant Ecological Area (SEA) or buffer or a Hillside Management Area. Due to the highly urbanized nature of the site and the surrounding area, no endangered or sensitive plant or animal species are expected to be present on or near the site.</p> <p>The proposed project would replace existing land uses on the site and provide more landscaped areas. However, there are no sensitive plant or animal species, wetlands or riparian areas, wildlife corridors or other sensitive biological resources on or near the site that may be affected by the proposed library.</p>

Other Factors		Source or Documentation
Flood Disaster Protection Act [Flood Insurance] [§58.6(a)]		The project site is located on a hillside area and is outside the boundaries of the 100-year and 500-year floodplains, per the Federal Emergency Management Agency's Flood Insurance Rate Map Panel No. 0650430675 B. The nearest flood hazard area is located south of the site along the Verdugo Wash, located approximately 0.78-mile southwest of the site. The site will not be exposed to flood hazards nor will the proposed library create flood hazards.
Coastal Barrier Resources Act/ Coastal Barrier Improvement Act [§58.6(c)]		The La Crescenta community and the project site are not located within or near the coastal zone. La Crescenta is located more than 22 miles from the Pacific Coast. Thus, no impact on coastal resources would occur with the project.
Airport Runway Clear Zone or Clear Zone Disclosure [§58.6(d)]		The site is located approximately 13.2 miles northeast of the Burbank Airport, and approximately 31 miles northeast of the Los Angeles International Airport. Thus, the site is located outside the clear zones or accident potential zones of both airports. There are no airports or airfields located near the site. No impacts on airport clear zones or accident potential zones are expected with the project.
Other Factors		

## Summary of Findings and Conclusions

The proposed *La Crescenta Library* would not have a significant impact on the environment, with implementation of mitigation measures for a short-term air quality emissions and noise impacts, the proper removal of hazardous materials and hazardous wastes and the demolition and abandonment of structures utilizing hazardous materials, and the implementation of measures to promote traffic safety near the site. The proposed project is consistent with the County's General Plan, Land Use Policy Map, and Zoning Map. The project would provide the residents of the La Crescenta community with improved library services to meet existing and future demand.

## ALTERNATIVES TO THE PROPOSED ACTION

### Alternatives and Project Modifications Considered [24 CFR 58.40(e), Ref. 40 CFR 1508.9]

#### No Action Alternative [24 CFR 58.40(e)]

The No Action Alternative would allow the existing land uses on the site to continue to operate and no new library would be constructed in La Crescenta. This means that the former automobile sales lot, the auto repair shop, and the existing library will remain in place. This alternative would not realize the County's goals to improve library services to the project area. This alternative would exacerbate the overcrowding at the existing library and the lack of facilities and equipment to properly conduct the educational and research needs of the community residents. Thus, this alternative has been rejected from further consideration.

#### Existing Site Alternative

While the site of the existing library may be used for the proposed larger facility, without the use of the adjacent parcels on Foothill Boulevard, the constraints posed by the limited land area would require a multi-story facility. With its location adjacent to single-family residences, a multi-story library facility is expected to create incompatibility issues related to its higher building height when compared to the mostly single-story residences in the surrounding area. The potential for noise, light spillover, and visibility/privacy impacts could adversely affect adjacent residences. In addition, an increase in traffic volumes would occur on residential streets: Sanborn Avenue and La Crescenta Avenue, north of Foothill Boulevard. While this alternative would generate the same number of vehicle trips as the proposed project, vehicles coming to and from the new library under this alternative would utilize residential streets, leading to higher traffic volumes and potential on-street parking on these narrower streets. In contrast, the proposed project would allow for construction of a structure that would match the height of existing buildings along Sanborn Avenue and would provide main access to the library facility on Foothill Boulevard, diverting library traffic away from the adjacent residential streets. Thus, the use of the existing site by itself was considered an infeasible alternative.

#### Alternative Sites

Alternative sites for the proposed library have been evaluated as part of the planning process. These include various commercial and residential sites in La Crescenta, which could accommodate a larger library. While there are other sites in La Crescenta that could accommodate the proposed library, issues relating to prominent access, site constraints, land costs, development costs and other factors have rendered these alternative sites infeasible. The project site provides the most prominent and convenient location for the new library and does not have the constraints offered by alternative sites. Thus, alternative sites have been rejected from further consideration.

Since the proposed library is intended primarily to serve the La Crescenta community, alternative sites at locations outside the community were not considered. Similarly, the expansion of existing libraries in adjacent communities was not analyzed and the construction of other public facilities or land uses on the project site was rejected for failure to meet the basic project objectives.

### **Mitigation Measures Recommended** [24 CFR 58.40(d), 40 CFR 1508.20]

The proposed project would result in significant environmental effects on air quality, hazards and hazardous materials, noise, and traffic/circulation. Mitigation measures have been incorporated into the project design to ensure that the potential impacts can be avoided or reduced to less than significant levels. These mitigation measures include:

#### **Air Quality**

In order to mitigate significant adverse construction emissions that would be generated by construction of the proposed project, the following mitigation measure will be implemented:

*Mitigation Measure 1: The following dust and emission control measures shall be implemented to reduce emissions and their potential for adversely affecting adjacent residences and businesses during the demolition and construction phase:*

##### *For Dust Control:*

- ◆ *Water construction areas at least twice daily.*
- ◆ *Cover all haul trucks or maintain at least two feet of freeboard.*
- ◆ *Pave or apply water four times daily to all unpaved parking or staging areas.*
- ◆ *Sweep site access points within 30 minutes of any visible dirt deposition on any public roadway.*
- ◆ *Cover or water twice daily any on-site stockpiles of debris, dirt or other dusty material.*
- ◆ *Suspend all operations on any unpaved surface if winds exceed 25 mph.*
- ◆ *Hydroseed or otherwise stabilize any cleared area which remains inactive for more than 96 hours after clearing is completed.*

##### *For Construction Equipment Emissions:*

- ◆ *Require 90-day low-NO<sub>x</sub> tune-ups for off-road equipment.*
- ◆ *Limit allowable idling to 10 minutes for trucks and heavy equipment.*

##### *For Off-Site Emissions:*

- ◆ *Encourage car pooling for construction workers.*
- ◆ *Limit lane closures to off-peak travel periods.*
- ◆ *Park construction vehicles off traveled roadways.*
- ◆ *Encourage delivery of materials during non-peak traffic hours.*

#### **Hazards and Hazardous Materials**

The implementation of the following mitigation measures would avoid or prevent significant adverse impacts relating to human health and hazards and reduce potential impacts to insignificant levels:

*Mitigation Measure 2: Prior to the demolition of the existing buildings, asbestos-containing materials shall be removed and disposed in accordance with applicable*

regulations (including South Coast Air Quality Management District (SCAQMD) regulations and Cal-OSHA guidelines) by a state-licensed abatement contractor, with abatement oversight performed by an independent asbestos consultant. All identified lead-based paint shall also be removed and disposed by a licensed contractor, in accordance with existing regulations.

*Mitigation Measure 3: Prior to demolition activities, all hazardous materials and wastes found on the site, including, but not limited to waste oil containers, antifreeze, and batteries, shall be properly removed and disposed in accordance with federal, state, and local regulations.*

*Mitigation Measure 4: In accordance with the Limited Phase II ESA, the following measures should be completed, prior to construction of the proposed library:*

- ◆ *Complete assessment for the previous removal of the former USTs in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines. This will include preparation of a closure report and submission to the County to obtain closure and clearance.*
- ◆ *Remove vent lines for the former USTs and perform confirmation sampling in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines in order to achieve closure. This will require demolition of the refrigerator box prior to removal of the piping.*
- ◆ *Remove the two hydraulic hoists or lifts with associated piping from the automotive repair facility in conformance with the Los Angeles County Department of Public Works guidelines, including confirmation samples for soils under the hoists.*
- ◆ *Remove the clarifier from the automotive repair facility in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines in order to achieve closure, including confirmation samples for soils under the clarifier.*
- ◆ *Investigate and, if identified, remove the cesspool that was located on the west side of the automotive repair facility. The refrigeration box that is attached to the repair facility will need to be removed prior to any investigation. Assessment and confirmation soil sampling are recommended for removal of the cesspool. This cesspool was used for the disposal of fluid from the repair facility clarifier, prior to the site being connected to sewer. Removal and confirmation sampling should be made in conformance with applicable standards.*
- ◆ *Investigate and, if identified, remove the 550-gallon waste oil UST with associated piping located on the west side of the historic gas station building (current automotive repair facility). Confirmation soil sampling and further investigation may be necessary to assess any possible contamination stemming from its past use. Removal and confirmation sampling should be in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines in order to achieve closure.*
- ◆ *The concrete vault on the historic gas station site (current automotive repair facility) should be investigated further and its current or previous use identified. The vault should be properly removed or abandoned in conformance with applicable standards.*

- ◆ *Remove and/or abandon the cesspool at the former used automobile sales lot. Removal and confirmation sampling should be in conformance with applicable standards.*

## **Noise**

In order to mitigate significant adverse demolition and construction noise impacts, the following mitigation measure will be implemented:

*Mitigation Measure 5: Construction and demolition activities at the site shall comply with the County ordinance regarding construction noise and limit demolition and construction activities to the time period from 7:00 AM to 7:00 PM from Monday to Saturday, with no construction on Sundays or holidays. Also, all mobile or stationary internal-combustion-engine powered equipment or machinery shall be equipped with suitable exhaust and air-intake silencers in proper working order.*

## **Traffic/Circulation**

To ensure that no traffic hazards are created by the project, the following mitigation measure will be implemented:

*Mitigation Measure 6: To reduce the potential for accidents and to improve traffic safety in the project area, the following measures shall be implemented as part of the project:*

- ◆ *The library entrance on Foothill Boulevard should be restricted as a right-in right-out only access driveway.*
- ◆ *An exclusive right turn lane and a combined left-turn and through lane should be striped for at least 50 feet at the southbound lane on Dyer Street as it approaches its intersection with Foothill Boulevard.*
- ◆ *An exclusive left turn lane is recommended for northbound traffic at the intersection of La Crescenta Avenue and Sanborn Avenue, and an exclusive right-turn lane is recommended for eastbound traffic at the same intersection.*
- ◆ *The bus stop on Foothill Boulevard, just west of the intersection of Foothill Boulevard and La Crescenta Avenue, should be relocated nearer to the intersection of Foothill Boulevard and Dyer Street. This will provide better visibility of the library and avoid vehicle queuing at the intersection of Foothill Boulevard and La Crescenta Avenue.*
- ◆ *Way finding signs and markers should be provided at nearby intersections and at quarter-mile locations on Foothill Boulevard and La Crescenta Avenue, to avoid traffic slow-down caused by newly attracted unfamiliar travelers.*
- ◆ *The signal timing at the Foothill Boulevard/La Crescenta Avenue intersection shall be optimized within three months after opening of the new expanded library, based on new traffic counts at the time.*

## **Additional Studies Performed**

Studies performed for this project include a Traffic Study, Phase 1 Environmental Site Assessment, Limited Asbestos Survey, Limited Phase 2 Environmental Site Assessment, and an Initial Study/Mitigated Negative Declaration for compliance with the California Environmental Quality Act (CEQA).

## **List of Sources, Agencies and Persons Consulted** [40 CFR 1508.9(b)]

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## **PERSONS CONTACTED**

Kaly Trezos, Gil Garcia, Donna Brooks and Salvatore Pecora  
Los Angeles County Department of Public Works

Victoria Guagliard, Community Library Manager  
La Crescenta Library

Julian Lee, Associate Engineer  
Crescenta Valley Water District

Nick Demos, Sewage Department  
City of Los Angeles Department of Public Works, San Gabriel District

Monique Williams  
Los Angeles County Sanitation District, Solid Waste Management Department

Richard Claghorn, Regional Planner II  
Los Angeles County Department of Regional Planning

**NOTICE OF INTENTION TO PURCHASE REAL PROPERTY**

NOTICE IS HEREBY GIVEN that it is the intention of the Board of Supervisors of the County of Los Angeles, State of California to purchase real property consisting of approximately 26,300 square feet of land, with 1,932 square feet of building improvements located at 2801-2813 Foothill Boulevard, La Crescenta, County of Los Angeles, State of California as legally described on the attached Exhibit "A" for the sum of ONE MILLION FOUR HUNDRED FIFTY THOUSAND AND 00/100 DOLLARS (\$1,450,000) from the fee simple owner, Coffey Limited Partnership, a California limited partnership.

NOTICE IS HEREBY GIVEN that the purchase of real property will be consummated by the Board of Supervisors of the County of Los Angeles, State of California, on the \_\_\_\_\_ of \_\_\_\_\_, 2005, at 9:30 a.m. in the Hearing Room of the Board of Supervisors, Room 381, Kenneth Hahn Hall of Administration, 500 West Temple Street, Los Angeles, California 90012. No obligation will arise against the County and in favor of the Seller with respect to the purchase of real property described herein until the Board of Supervisors approves the purchase on the named consummation date.

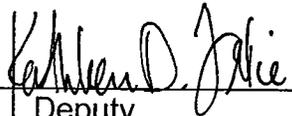
Instructions to the Executive Officer of the Board of Supervisors to carry out the necessary legal advertising pursuant to Government Code Section 25350 was authorized on the \_\_\_\_\_ day of \_\_\_\_\_, 2005, by the Board of Supervisors of the County of Los Angeles, State of California.

VIOLET VARONA-LUKENS, Executive Officer  
Clerk of the Board of Supervisors

By \_\_\_\_\_

APPROVED AS TO FORM

RAYMOND G. FORTNER, JR.  
County Counsel

By   
Deputy

## EXHIBIT "A"

### LEGAL DESCRIPTION

#### Parcel A:

Lots 1 and 2 in Block "C" of the Townsite of Crescenta Canada, in the County of Los Angeles, State of California, as per map recorded in book 5 page 575 of Miscellaneous Records, in the office of the County Recorder of said County.

Except therefrom those portions thereof, described as follows:

#### Parcel 1:

Those portions of said Lots 1 and 2 lying Southwesterly of a line parallel with and distant Northeasterly 50 feet, measured at right angles, from the centerline of Foothill Boulevard (formerly Michigan Avenue) 66.00 feet wide, as shown on County Surveyor's Map No. 7597, Sheet 1, on file in the office of the County Surveyor of said County.

#### Parcel 2:

That portion of said Lot 1, described as follows:

Beginning at the intersection of the Northeasterly line of Parcel 1 above, with the Westerly line of La Crescenta Avenue, 66 feet wide, thence Northerly along said Westerly line, 5 feet; thence Southwesterly in a direct line to a point on said Northeasterly line distant Northwesterly thereon 5.00 feet from the point of beginning; thence Southeasterly along said Northeasterly line 5.00 feet to the point of beginning

#### Parcel B:

Lots 3, 4 and 5 in Block "C" of the Townsite of Crescenta Canada, in the County of Los Angeles, State of California, as per map recorded in book 5 page 575 of Miscellaneous Records, in the office of the County Recorder of said County.

Except therefrom those portions of said Lots 3, 4 and 5 lying Southwesterly of a line parallel and distant Northeasterly 50.00 feet, measured at right angles, from the centerline of Foothill Boulevard (formerly Michigan Avenue) 66.00 feet wide, as shown on County Surveyor's Map No. 7597, Sheet 1, on file in the office of the County Surveyor of said County.

## **Appendix A – Environmental Checklist**

## **APPENDIX A: ENVIRONMENTAL CHECKLIST**

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### **BACKGROUND**

1. Name of Proponent: Los Angeles County Department of Public Works  
Project Management Division I
2. Address: 900 S. Fremont Ave. Alhambra, CA 91803
3. Telephone Number: Kaly Trezos, Project Manager, at (626) 300-2318
4. Project Title: La Crescenta Library
5. Project Address: Foothill Boulevard and La Crescenta Avenue, La Crescenta, CA 91214

### **ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED**

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Aesthetics                               | <input type="checkbox"/> Agriculture Resources              | <input checked="" type="checkbox"/> Air Quality              |
| <input type="checkbox"/> Biological Resources                     | <input type="checkbox"/> Cultural Resources                 | <input type="checkbox"/> Geology / Soils                     |
| <input checked="" type="checkbox"/> Hazards & Hazardous Materials | <input type="checkbox"/> Hydrology / Water Quality          | <input type="checkbox"/> Land Use / Planning                 |
| <input type="checkbox"/> Mineral Resources                        | <input checked="" type="checkbox"/> Noise                   | <input type="checkbox"/> Population / Housing                |
| <input type="checkbox"/> Public Services                          | <input type="checkbox"/> Recreation                         | <input checked="" type="checkbox"/> Transportation / Traffic |
| <input type="checkbox"/> Utilities / Service Systems              | <input type="checkbox"/> Mandatory Findings of Significance |  |

#### **DETERMINATION:** (To be completed by the Lead Agency)

On the basis of this initial evaluation:

I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

**I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.**

I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

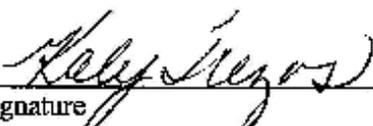
I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

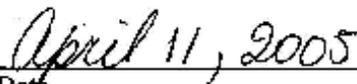
I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

**APPENDIX A: ENVIRONMENTAL CHECKLIST**

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\_\_\_\_\_  
Signature  
  
Kaly Trezos, Project Manager  
\_\_\_\_\_  
Printed Name

  
\_\_\_\_\_  
Date  
County of Los Angeles  
Department of Public Works  
\_\_\_\_\_  
For

**EVALUATION OF ENVIRONMENTAL IMPACTS**

- 1) A brief explanation is required for all answers except “No Impact” answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A “No Impact” answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A “No Impact” answer should be explained where it is based on project-specific factors, as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
- 2) All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
- 3) Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. “Potentially Significant Impact” is appropriate if there is substantial evidence that an effect may be significant. If there are one or more “Potentially Significant Impact” entries when the determination is made, an EIR is required.
- 4) “Negative Declaration: Less Than Significant With Mitigation Incorporated” applies where the incorporation of mitigation measures has reduced an effect from “Potentially Significant Impact” to a “Less Than Significant Impact.” The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from Section XVII, “Earlier Analyses,” may be cross-referenced).
- 5) Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
  - a) Earlier Analysis Used. Identify and state where they are available for review.
  - b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
  - c) Mitigation Measures. For effects that are “Less than Significant with Mitigation Measures Incorporated”, describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
- 6) Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
- 7) Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
- 8) This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project’s environmental effects in whatever format is selected.
- 9) The explanation of each issue should identify:
  - a) the significance criteria or threshold, if any, used to evaluate each question; and
  - b) the mitigation measure identified, if any, to reduce the impact to less than significance

**APPENDIX A: ENVIRONMENTAL CHECKLIST**

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	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>1. AESTHETICS.</b> Would the project:				
a) Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Substantially degrade the existing visual character or quality of the site and its surroundings?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>2. AGRICULTURE RESOURCES.</b> In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. Would the project:				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>3. AIR QUALITY.</b> Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**APPENDIX A: ENVIRONMENTAL CHECKLIST**

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
d) Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Create objectionable odors affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>4. BIOLOGICAL RESOURCES.</b> Would the project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>5. CULTURAL RESOURCES.</b> Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource as defined in Section 15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Disturb any human remains, including those interred	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**APPENDIX A: ENVIRONMENTAL CHECKLIST**

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
outside of formal cemeteries?				

**6. GEOLOGY AND SOILS.** Would the project:

- |   |                          |                          |                                     |                                     |
|---|--------------------------|--------------------------|-------------------------------------|-------------------------------------|
| a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:<br><br>Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| b) Strong seismic ground shaking?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| c) Seismic-related ground failure, including liquefaction?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| d) Landslides?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| e) Result in substantial soil erosion or the loss of topsoil?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| f) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| g) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| h) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

**7. HAZARDS AND HAZARDOUS MATERIALS.** Would the project:

- |   |                          |                                     |                                     |                          |
|---|--------------------------|-------------------------------------|-------------------------------------|--------------------------|
| a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?                                 | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to   | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

**APPENDIX A: ENVIRONMENTAL CHECKLIST**

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	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?				
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h) Expose people or structures to a significant risk of loss, injury, or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**8. HYDROLOGY AND WATER QUALITY.** Would the project:

a) Violate any water quality standards or waste discharge requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**APPENDIX A: ENVIRONMENTAL CHECKLIST**

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
f) Otherwise substantially degrade water quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
j) Inundation by seiche, tsunami, or mudflow?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>9. LAND USE AND PLANNING.</b> Would the project:				
a) Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>10. MINERAL RESOURCES.</b> Would the project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>11. NOISE.</b> Would the project result in:				
a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) A substantial temporary or periodic increase in ambient	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**APPENDIX A: ENVIRONMENTAL CHECKLIST**

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
noise levels in the project vicinity above levels existing without the project?				
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>12. POPULATION AND HOUSING.</b> Would the project:				
a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>13. PUBLIC SERVICES.</b> Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>14. RECREATION.</b>				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**APPENDIX A: ENVIRONMENTAL CHECKLIST**

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	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
the environment?				
<b>15. TRANSPORTATION/TRAFFIC.</b> Would the project:				
a) Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated roads or highways?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) Result in inadequate parking capacity?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>16. UTILITIES &amp; SERVICE SYSTEMS.</b> Would the project:				
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**APPENDIX A: ENVIRONMENTAL CHECKLIST**

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	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g) Comply with federal, state, and local statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**17. MANDATORY FINDINGS OF SIGNIFICANCE.**

a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major period of California history or prehistory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## **Appendix B – Urbemis2002 Air Quality Worksheets**

## URBEMIS 2002 For Windows 7.4.2

File Name: C:\Program Files\URBEMIS 2002 For Windows\Projects2k2\new la crecenta.urb  
 Project Name: La Crescenta Library  
 Project Location: South Coast Air Basin (Los Angeles area)  
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

SUMMARY REPORT  
 (Pounds/Day - Summer)

## CONSTRUCTION EMISSION ESTIMATES

*** 2007 ***	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
TOTALS (lbs/day,unmitigated)	0.61	13.52	2.28	0.02	4.22	0.26	3.96

*** 2008 ***	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
TOTALS (lbs/day,unmitigated)	15.72	0.01	0.30	0.00	0.00	0.00	0.00

## AREA SOURCE EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	0.09	0.14	0.64	0.00	0.00

## OPERATIONAL (VEHICLE) EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	8.06	10.43	113.80	0.09	8.14

## SUM OF AREA AND OPERATIONAL EMISSION ESTIMATES

	ROG	NOx	CO	SO2	PM10
TOTALS (lbs/day,unmitigated)	8.15	10.57	114.43	0.09	8.14

## URBEMIS 2002 For Windows 7.4.2

File Name: C:\Program Files\URBEMIS 2002 For Windows\Projects2k2\new la crecenta.urb  
 Project Name: La Crescenta Library  
 Project Location: South Coast Air Basin (Los Angeles area)  
 On-Road Motor Vehicle Emissions Based on EMFAC2002 version 2.2

DETAIL REPORT  
 (Pounds/Day - Summer)

Construction Start Month and Year: January, 2007  
 Construction Duration: 18  
 Total Land Use Area to be Developed: 0 acres  
 Maximum Acreage Disturbed Per Day: 0 acres  
 Single Family Units: 0 Multi-Family Units: 0  
 Retail/Office/Institutional/Industrial Square Footage: 14000

## CONSTRUCTION EMISSION ESTIMATES UNMITIGATED (lbs/day)

Source	ROG	NOx	CO	SO2	PM10 TOTAL	PM10 EXHAUST	PM10 DUST
*** 2007***							
Phase 1 - Demolition Emissions							
Fugitive Dust	-	-	-	-	3.91	-	3.91
Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
On-Road Diesel	0.61	13.52	2.28	0.02	0.31	0.26	0.05
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.61	13.52	2.28	0.02	4.22	0.26	3.96
Phase 2 - Site Grading Emissions							
Fugitive Dust	-	-	-	-	0.00	-	0.00
Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
Bldg Const Worker Trips	0.03	0.02	0.32	0.00	0.00	0.00	0.00
Arch Coatings Off-Gas	0.00	-	-	-	-	-	-
Arch Coatings Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Off-Gas	0.00	-	-	-	-	-	-
Asphalt Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
Asphalt On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.03	0.02	0.32	0.00	0.00	0.00	0.00
Max lbs/day all phases	0.61	13.52	2.28	0.02	4.22	0.26	3.96
*** 2008***							
Phase 1 - Demolition Emissions							
Fugitive Dust	-	-	-	-	0.00	-	0.00
Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 2 - Site Grading Emissions							
Fugitive Dust	-	-	-	-	0.00	-	0.00
Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Phase 3 - Building Construction							
Bldg Const Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
Bldg Const Worker Trips	0.02	0.01	0.30	0.00	0.00	0.00	0.00
Arch Coatings Off-Gas	15.70	-	-	-	-	-	-
Arch Coatings Worker Trips	0.02	0.01	0.28	0.00	0.00	0.00	0.00
Asphalt Off-Gas	0.00	-	-	-	-	-	-
Asphalt Off-Road Diesel	0.00	0.00	0.00	-	0.00	0.00	0.00
Asphalt On-Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Asphalt Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximum lbs/day	15.72	0.01	0.30	0.00	0.00	0.00	0.00
Max lbs/day all phases	15.72	0.01	0.30	0.00	0.00	0.00	0.00

Phase 1 - Demolition Assumptions

Start Month/Year for Phase 1: Jan '07

Phase 1 Duration: 2.0 months

Building Volume Total (cubic feet): 93000

Building Volume Daily (cubic feet): 9300

On-Road Truck Travel (VMT): 516

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
-----	------	------------	-------------	-----------

Phase 2 - Site Grading Assumptions

Start Month/Year for Phase 2: Mar '07

Phase 2 Duration: 3.0 months

On-Road Truck Travel (VMT): 0

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
-----	------	------------	-------------	-----------

Phase 3 - Building Construction Assumptions

Start Month/Year for Phase 3: Jun '07

Phase 3 Duration: 13.0 months

Start Month/Year for SubPhase Building: Jun '07

SubPhase Building Duration: 10.0 months

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
-----	------	------------	-------------	-----------

Start Month/Year for SubPhase Architectural Coatings: Apr '08

SubPhase Architectural Coatings Duration: 1.5 months

Start Month/Year for SubPhase Asphalt: May '08

SubPhase Asphalt Duration: 1.5 months

Acres to be Paved: 0

Off-Road Equipment

No.	Type	Horsepower	Load Factor	Hours/Day
-----	------	------------	-------------	-----------

AREA SOURCE EMISSION ESTIMATES (Summer Pounds per Day, Unmitigated)					
Source	ROG	NOx	CO	SO2	PM10
Natural Gas	0.01	0.14	0.05	-	0.00
Wood Stoves - No summer emissions					
Fireplaces - No summer emissions					
Landscaping	0.08	0.01	0.58	0.00	0.00
Consumer Prdcts	0.00	-	-	-	-
TOTALS (lbs/day, unmitigated)	0.09	0.14	0.64	0.00	0.00

## UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	SO2	PM10
Library	8.06	10.43	113.80	0.09	8.14
TOTAL EMISSIONS (lbs/day)	8.06	10.43	113.80	0.09	8.14

Does not include correction for passby trips.

Does not include double counting adjustment for internal trips.

## OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2004 Temperature (F): 90 Season: Summer

EMFAC Version: EMFAC2002 (9/2002)

## Summary of Land Uses:

Unit Type	Trip Rate	Size	Total Trips
Library	66.76 trips / 1000 sq. ft.	14.00	934.64

## Vehicle Assumptions:

## Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	56.10	2.70	96.80	0.50
Light Truck < 3,750 lbs	15.10	4.60	92.70	2.70
Light Truck 3,751- 5,750	15.60	2.60	96.20	1.20
Med Truck 5,751- 8,500	6.90	2.90	94.20	2.90
Lite-Heavy 8,501-10,000	1.00	0.00	80.00	20.00
Lite-Heavy 10,001-14,000	0.30	0.00	66.70	33.30
Med-Heavy 14,001-33,000	1.00	10.00	20.00	70.00
Heavy-Heavy 33,001-60,000	0.80	0.00	12.50	87.50
Line Haul > 60,000 lbs	0.00	0.00	0.00	100.00
Urban Bus	0.10	0.00	0.00	100.00
Motorcycle	1.60	87.50	12.50	0.00
School Bus	0.20	0.00	0.00	100.00
Motor Home	1.30	15.40	76.90	7.70

## Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	11.5	4.9	6.0	10.3	5.5	5.5
Rural Trip Length (miles)	11.5	4.9	6.0	10.3	5.5	5.5
Trip Speeds (mph)	35.0	40.0	40.0	40.0	40.0	40.0
% of Trips - Residential	20.0	37.0	43.0			

## % of Trips - Commercial (by land use)

Library	5.0	2.5	92.5
---------	-----	-----	------

Changes made to the default values for Land Use Trip Percentages

Changes made to the default values for Construction

The user has overridden the Default Phase Lengths

Changes made to the default values for Area

Changes made to the default values for Operations

**Appendix C – Phase 1 Environmental Site Assessment  
Limited Asbestos Survey  
Limited Phase 2 Environmental Site Assessment**



# Converse Consultants

Over 50 Years of Dedication in Geotechnical Engineering and Environmental Sciences

## **Phase I Environmental Site Assessment Report**

---

2801 and 2813 Foothill Boulevard  
La Crescenta, California

PREPARED FOR:

**County of Los Angeles**  
**Department of Public Works**  
Project Management Division I  
900 South Fremont Avenue  
Alhambra, CA 91803-1331

Converse Project No. 04-16-266-01  
December 27, 2004





# Converse Consultants

Over 50 Years of Dedication in Geotechnical Engineering and Environmental Sciences

December 27, 2004

Ms. Donna Brooks  
County of Los Angeles  
Department of Public Works  
Project Management Division I  
900 South Fremont Avenue  
Alhambra, CA 91803-1331

Subject: **PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT**  
2801 and 2813 Foothill Boulevard  
La Crescenta, California  
Converse Project No. 04-16-266-01

Dear Ms. Brooks

Converse Consultants (Converse) is pleased to submit the attached report that summarizes the activities and the results of a *Phase I Environmental Site Assessment* (Phase I ESA) that was conducted at the referenced property (Property).

We appreciate the opportunity to be of service to the County of Los Angeles Department of Public Works. If you should have any questions or comments regarding this report, please contact either Cindy Cheung-Wheatley or Scott Nunes at (909) 796-0544, or Norman Eke at (626) 930-1260.

## CONVERSE CONSULTANTS

Cindy Cheung-Wheatley  
Staff Environmental Scientist

Scott M. Nunes  
Senior Manager, CHMM, REA

Norman S. Eke, REA  
Managing Officer

Dist: 2/Addressee

NSE/SMN\CCW/mjr

## EXECUTIVE SUMMARY

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The following is an Executive Summary of the Phase I Environmental Site Assessment (Phase I ESA) that was conducted by Converse Consultants (Converse). Please refer to the appropriate sections of the report for a complete discussion of these issues. In the event of a conflict between this Executive Summary and the report, or an omission in the Executive Summary, the report shall prevail.

This report presents the results of the Converse Consultants (Converse) Phase I Environmental Site Assessment (ESA) performed at 2801 and 2813 Foothill Boulevard, in the unincorporated community of La Crescenta, Los Angeles County, California, referred to as the Property in this report. Converse was retained by the County of Los Angeles Department of Public Works, to conduct this Phase I ESA. Our study has been conducted in order to identify, to the extent feasible, Recognized Environmental Conditions (RECs) in connection with the Property.

Converse has compiled and reviewed information that was obtained from interviews, document research, and on-site and area reconnaissance to identify potential environmental conditions at the Property, in conformance with *the American Society of Testing and Materials (ASTM) Standard E: 1527-00 Environmental Site Assessment Standard Practice (ASTM Standard: E 1527-00)*. This Phase I ESA was conducted during the period of December 3 through December 22, 2004.

The Property is located at 2801 and 2813 Foothill Boulevard, in the unincorporated community of La Crescenta, Los Angeles County, California. The Property is located approximately ½-mile north of Interstate 210 (Foothill Freeway).

The Property consists of four (4) parcels that are occupied by an auto repair facility (former gas station) with an associated parking lot to the east and a used car lot to the west.

The general vicinity of the Property appears to be primarily commercial to the north, south, east and west, with residential development to the northeast and northwest.

This assessment has revealed no evidence of recognized environmental conditions in connection with the Property except for the following:

- A retail service station utilizing underground storage tanks (USTs) for the storage of gasoline products existed on the eastern portion of the Property at 2801 Foothill Boulevard from as early as 1964 to at least 1990. Presently, the address is operated as Bruce's Automotive, a commercial auto repair facility consisting of an office, vehicle repair bays, and associated parking areas. The former UST and



dispenser island locations are located to the south of the auto repair facility. The western portion of the Property (2801 Foothill Boulevard) has been a used car lot since 1962.

- On May 12, 1993, Environmental Investigation and Action, Inc., conducted the removal of the following USTs from 2801 Foothill Boulevard:

- One 4,000-gallon, single walled UST containing premium unleaded gasoline
- One 4,000-gallon, double walled UST containing leaded gasoline
- One 6,000-gallon, single walled UST containing leaded gasoline
- One 8,000-gallon, single walled UST containing regular unleaded gasoline

A DPW Hazardous Materials System Tanks Inspection Job Order Closure by Removal, dated 5/26/93, documented the tank pull. The inspection stated that four tanks were removed and visual contamination was not observed during the tank removal. However, according to the DPW the removal of the tanks was incorrectly documented and/or performed, which resulted in the non-closure status of the UST removal. There is no closure letter or report on file with the DPW regarding the removal of the USTs from the Property. Further action appears warranted.

- A 550-gallon septic tank was removed from 2801 Foothill Boulevard by Environmental Investigation and Action, Inc. on October 12, 1993. A DPW Hazardous Materials System Tanks Inspection Job Order Closure by Removal, dated October 12 1993, documented the septic tank removal. The inspection stated that the tank was a cast reinforced concrete structure and was broken up, taken from the pit and set aside before the inspector's arrival. According to the tenant, Mr. Bruce Bartels, the septic tank and a two-stage clarifier was connected to a leach field, located on the eastern and southeastern portion of the Property. Further action appears warranted.
- Property reconnaissance revealed evidence of surficially stained concrete and asphalt, as well as the following items: containers of virgin motor oil, oil filters, 40 and 15-gallon drums of waste oil, used oil filters and used antifreeze, virgin power steering fluid, grease, brake fluid, diesel fuel conditioner, paint containers, used car batteries, portable grease collectors, engine parts, and new and used tires. General housekeeping appeared to be moderate. The tenant of 2801 Foothill Boulevard, Mr. Bartels, stated that the waste oil, waste oil filters, used tires and used antifreeze were routinely picked up for off-site disposal. Converse recommends improved housekeeping practices and secondary spill containments for all buckets and drums.
- One 10-gallon and one 20-gallon antique metal containers, labeled as "Mobil Oil" were observed north of the office building located at 2813 Foothill Boulevard. Slight staining was observed on top the containers. One empty 5-gallon gasoline tank and one empty 1-gallon container labeled "hydrochloric acid" were observed



adjacent east of the office building. Staining was not observed. Further action does not appear warranted.

- Two hydraulic hoists, three plugged circular floor drains and one open floor drain connected to a clarifier were observed at 2801 Foothill Boulevard. Staining was observed around the vicinity of the lifts. Further action appears warranted.
- Five vent pipes (approximately 1-inch in diameter and 20 feet high) were observed adjacent north of the parts storage area. The vent pipes appear to be associated with the former USTs. Further action appears warranted.
- One large area of patched asphalt (approximately 500 square feet) and rectangular shaped areas of patched concrete (approximately 200 square feet) were observed adjacent south of the service bays located at 2801 Foothill Boulevard. According to the tenant, Mr. Bartel, the patched asphalt and concrete areas were where the former USTs and dispenser islands were located. Further action appears warranted.
- One long rectangular area of patched asphalt was observed traversing north-south from the southeastern portion of the service bay, leading towards La Crescenta Avenue. Two in-ground utility access points labeled as "sewer" was observed within the patched asphalt. According to Mr. Bartel, the patched asphalt shows the connection from the clarifier and septic tank to the leach field. Further action appears warranted.
- Building permits indicate that historic septic tanks and cesspools also existed on the Property. However, documentation regarding the removal of the septic tanks and/or drainfields was not found for 2813 Foothill Boulevard. Further action appears warranted.
- The South Coast Air Quality Management District (SCAQMD) identified the following Notices of Violation and Facility Equipment List Report for 2801 Foothill Boulevard (Historic Gas Station):
  - A notice of violation was issued on 9/25/89 for failure to obtain permit to operate the gasoline dispensing system.
  - A notice of violation was issued on 2/5/90 for failure to obtain permit to operate the gasoline dispensing equipment.
  - A facility equipment list report dated 07/05/02 indicated an expired permit status for service station storage and dispensing gasoline and amine treating. The report also stated that the service was out of business, and that there was a new business on-site (Bruce's Automotive).



No other pertinent information was provided by SCAQMD. Further action does not appear warranted.

- The following Property addresses were identified on the following databases in the EDR report:

Bruce's Automotive, 2801 Foothill Boulevard, La Crescenta, CA 91214

- California Environmental Protection Agency (Cal EPA), Hazardous Waste Information System (HAZNET) – Database of sites that submit a hazardous waste manifest to the Department of Toxic Substances Control (DTSC). According to the EDR report, the Property generates wastes consisting of aqueous solution with less than 10 total organic residues and unspecified solvent mixture waste. The disposal methods are identified as a recycler and transfer station. No violations were reported. Further action does not appear warranted.

Automotive Specialties, 2801 Foothill Boulevard, La Crescenta, CA 91214

- State Water Resources Control Board, Hazardous Substance Storage Container Database (HIST UST) – Historical listing of underground storage tank sites. According to the EDR report, there are five (5) USTs located at this Property. The contents of the tanks are unleaded fuel, product, regular and waste oil. No violations were reported. Further action does appear warranted.

- The following contiguous property was identified in the EDR report:

Crescenta Valley Car Wash and Lube Center, 2800 Foothill Boulevard, La Crescenta, CA (adjacent south of Property). This site was identified on the following databases:

- HAZNET – According to the EDR report, this site generates waste oil and mixed oil. The disposal method is identified as a recycler. Further action does not appear warranted.
- The San Fernando Valley Site – Area 3 (located approximately 1/3-mile south of the Property) is listed on several databases in the EDR report, including the National Priority List, indicating the potential for environmental impact to the Property from this site. Due to the status of case, distance from the subject Property, involvement of a regulatory agency, and the location with respect to the direction of inferred regional groundwater flow, the potential for environmental impact to the Property from this site appears to be low. Further action does not appear warranted.



Based on the above information, there appears to be a potential for environmental impact to the Property from current and historical usage. Further assessment appears warranted. Prior to redevelopment, a subsurface investigation to assess the areas of staining, areas of patched asphalt and concrete (locations of the former USTs, remote fill area and fuel dispenser islands), the clarifier, leach field, potential septic tanks, hydraulic hoists and a general soil screening over the used car lot appears to be warranted. Converse also recommends the proper removal and disposal of all hazardous materials such as waste oil containers, antifreeze, and batteries.

Information regarding the Property has been requested from the RWQCB. Upon receipt and review of the information, an addendum will be issued if items of concern are noted. In addition, any conclusions and recommendations will be modified accordingly.



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APPENDIX A.....*Property Maps*  
APPENDIX B.....*Pertinent Property Photographs*  
APPENDIX C.....*EDR-Radius Map Report*



## 1.0 INTRODUCTION

---

### 1.1 *Purpose and Scope of Work*

This report presents the results of the Converse Consultants (Converse) Phase I Environmental Site Assessment (ESA) performed at 2801 and 2813 Foothill Boulevard, in the unincorporated community of La Crescenta, Los Angeles County, California, referred to as the Property in this report. Converse was retained by the County of Los Angeles Department of Public Works to conduct this Phase I ESA. Our study has been conducted in order to identify, to the extent feasible, Recognized Environmental Conditions (RECs) in connection with the Property. The term Recognized Environmental Conditions is defined in Section 1.1.1 of the ASTM Standard Practice as *the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate a existing release, past release, or material threat of a release into structures on the Property or into the ground, groundwater or surface water of the Property.*

The work was completed by environmental professionals and has been performed in accordance with our Proposal dated September 27, 2004. Our work consisted of the following and was completed in general conformance with the scope and limitations of the ASTM Practice E 1527-00:

- Interviews with the Property Owner Representatives
- Property and Vicinity Reconnaissance
- Review of Regulatory Agency Records
- Description of Physical Setting
- Historical Review
- Interviews with Public Agency Personnel
- Preparation of this report



## **1.2 Non-Scope Considerations**

The following are non-scope issues considered not part of this assessment and are discussed in the reference section of this report. See Section 10.

- Asbestos
- Lead-based Paint
- Wetlands
- Cultural & Historic Resources
- Industrial Hygiene
- Health & Safety
- High Voltage Powerlines
- Radon
- Lead in Drinking Water
- Regulatory Compliance
- Ecological Resources
- Endangered Species
- Indoor Air Quality
- Testing or Sampling of Materials

Others not specifically listed in the ASTM section include mold, zoning, and paleontology.

## **1.3 Significant Assumptions**

- The subject Property was not covered on currently published contour maps. Therefore, the direction of regional groundwater flow is assumed to follow surface topography.

## **1.4 Limitations and Exceptions**

The following limitations and exceptions were encountered during the course of this assessment:

- No owner interview was completed.
- The office building located at 2813 Foothill Boulevard was externally observed but not accessed.
- Historical research was not completed prior to 1952. Remaining ASTM sources are deemed unlikely to yield significant data.



## 1.5 *Reliance*

This report is for the sole benefit and exclusive use of the County of Los Angeles Department of Public Works, in accordance with the terms and conditions attached to our proposal under which these services have been provided. Its preparation has been in accordance with generally accepted environmental practices. No other warranty, either expressed or implied, is made. This report should not be regarded as a guarantee that no further contamination beyond that which could be detected within the scope of this assessment is present at the Property.

The conclusions and recommendations presented in this report are based on the agreed upon scope of work. Converse makes no warranties or guarantees as to the accuracy or completeness of information provided or compiled by others. It is possible that information exists beyond the scope of this assessment. It is not possible to absolutely confirm that no hazardous materials and/or substances exist at the subject site. If none are identified as part of a limited scope of work, such a conclusion should not be construed as a guaranteed absence of such materials, but merely the results of the evaluation. Events may also occur after the Property visit, which may result in contamination of the Property. Additional information, which was not found or available to Converse at the time of report preparation, may result in a modification of the conclusions and recommendations presented. Any reliance on this report by Third Parties shall be at the Third Party's sole risk.



## 2.0 PROPERTY DESCRIPTION

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### 2.1 *Current Uses of the Property*

The Property is a rectangular-shaped lot consisting of four (4) contiguous parcels, which cover a total area of approximately 0.6 acres. The Property is currently occupied by the following:

Bruce's Automotive	2801 Foothill Boulevard
Auto Banner Sales	2813 Foothill Boulevard

A Property location map and a field generated Property plan are provided in Appendix A. Pertinent Property photographs are provided in Appendix B.

### 2.2 *Location and Legal Description*

The Property is located at 2801 and 2813 Foothill Boulevard, in the unincorporated community of La Crescenta, Los Angeles County, California. The Property is located approximately ½-mile north of Interstate 210 (Foothill Freeway).

The Assessor's Parcel Numbers for the Property are 5803-011-002, -003, -004, and -005.

### 2.3 *Property General Characteristics*

The Property consists of four (4) parcels that are occupied by an auto repair facility with an associated parking lot to the east and a used car lot to the west.

The Property fronts onto Foothill Boulevard to the south.

### 2.4 *Description of Property Structures(s)*

The following is a brief description of the current tenants and type of buildings on the Property:

#### 2801 Foothill Boulevard - APN 5803-011-002:

This rectangular-shaped parcel of land (approximately 10,520 square feet in area) is occupied by Bruce's Automotive. The northern portion of the parcel is developed with an approximate 1,485 square foot, single-story, wood-framed structure with a metal roof. The eastern portion of the structure is used as an office and restroom area. The central portion of the structure is used as a service bay for the maintenance of

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automobiles. The western portion of the structure is used as a parts storage room (historically used as a refrigerator). A small metal structure used for the storage of waste oil and antifreeze is located on the western portion of the parcel.

**2813 Foothill Boulevard-APNs 5803-011-003, 004 and 005:**

This rectangular-shaped parcel of land (approximately 15,780 square feet in area) is occupied by Auto Banner Sales. The northern portion of the parcel is developed with an approximate 400 square foot, single-story, wood-framed office.

The following services were present at the Property at the time of assessment. The name of the provider, as applicable, is indicated below.

- Electricity: Southern California Edison
- Potable Water: Crescenta Valley Water District
- Gas: Southern California Gas
- Solid Waste: Solid Waste and Recycling
- Sanitary Sewer: Crescenta Valley Water District

**2.5 Current Uses of Adjoining Properties**

Based on our research and observations during our Property reconnaissance, the Property is bordered by the following in the table below:

**Table No. 1, Development of Adjoining Properties**

Direction	Current Development
North:	Coldwell Banker and Los Angeles County Public Library, followed by Sanborn Avenue.
Northeast:	La Crescenta Avenue, followed by single-family residences.
Northwest:	Dyer Street, followed by single-family residences.
South:	Foothill Boulevard, followed by La Crescenta Valley Lube Center and Carwash (2800 Foothill Boulevard), and Harmony Farms (2824 Foothill Boulevard).
Southeast:	Foothill Boulevard, followed by She's Florists (2772 Foothill Boulevard).
Southwest:	Foothill Boulevard, followed by Direct Realty (2852 Foothill Boulevard).
East:	La Crescenta Avenue, followed by Foothill Laser Dental Center and single-family residences.
West:	Dyer Street, followed by The Antique Store (2865 Foothill Boulevard).



## **2.6 General Vicinity Description**

The general vicinity of the Property appears to be primarily commercial to the north, south, east and west with residential development to the northeast and northwest.



## 3.0 USER/OWNER PROVIDED INFORMATION

---

### 3.1 Requested Documents and Information

The ASTM E1527 specifies that the Property Owner, Key Site Manager, and the User provided any helpful documents that may be available. In order to facilitate, and document the collection of this information, Converse has prepared a form entitled Client/User/Owner Provided Information. Converse requested that the User completed this form.

The following documents and information were requested from Ms. Josephine Alido of David Evans and Associates Inc., and Ms. Donna Brooks of the County of Los Angeles Department of Public Works. However, Ms. Alido and Ms. Brooks had no information on the following:

- Environmental site assessment or audit reports
- Environmental permits or hazardous waste generator notices/reports
- Registrations for aboveground and underground storage tanks
- Septic systems, oil wells or water wells
- Material Safety Data Sheets; Community Right to Know Plans or Safety Preparedness and Prevention Plans; Spill Protection Countermeasures and Control Plans
- Reports regarding Hydrologic conditions on the Property or surrounding area
- Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the Property or relating to environmental liens encumbering the Property
- Hazardous waste generator notices or reports
- Geotechnical studies
- Proceedings regarding hazardous substances and petroleum products, including any pending or threatened past litigation, administrative proceedings or notices from any governmental entity regarding possible violations of environmental laws or other possible liability related to hazardous substances or petroleum products



### **3.2 User Provided Information**

The ASTM E1527 outlines specific User responsibilities. This information will help identify the possibility of RECs in connection with the Property. These tasks do not require the technical expertise of an Environmental Professional and are generally not performed by environmental professionals performing a Phase I ESA. The User may perform them. In general, the User should make Converse aware of information they have regarding the following:

- Checking title records for environmental liens
- Specialized knowledge or experience of the User
- Reason for significantly lower purchase price
- Purpose of the Phase I ESA, if other than to qualify for Innocent Landowner Defense

No specific information regarding the above issues was provided to Converse by the user.



## 4.0 RECORDS REVIEW

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### 4.1 *Physical Setting*

#### 4.1.1 Geology

The Property is located approximately 1,578 feet above Mean Sea Level (MSL) with surface topography sloping towards the southwest (United States Geological Survey [USGS] Topographic Map, Pasadena, California, 1966, photorevised 1988). Soil on the Property has been classified as "Urban Land", which usually indicates that soil in this series has been too disturbed for an accurate study (United States Department of Agriculture Soil Conservation Service – Soil Conservation Service STATSGO data, 1974, EDR 2004).

#### 4.1.2 Groundwater

According to the County of Los Angeles Public Works (DPW), Hydraulic Records, the nearest water well (#5067) is approximately 1,680 feet northeast of the Property. This well was last measured on May 24, 2004, and the depth to groundwater was approximately 170.3 feet below ground surface.

The inferred direction of regional groundwater flow is toward the southwest based on surface topography.

#### 4.1.3 Potable Water Supplier

The Crescenta Valley Water District supplies potable water to the Property.

### 4.2 *Historical Review*

#### 4.2.1 Aerial Photograph and Map Review

Available historical aerial photographs from the Continental Aerial Photo, Inc. were reviewed. The dates of the photographs reviewed were as follows: 1952, 1970, 1976, 1979, 1986, 1990, 1995 and 1998.

Historical Sanborn Fire Insurance (Sanborn) map coverage of the Property was requested from Environmental Data Resources (EDR), Inc. According to EDR, there is no Sanborn map coverage of the Property.

A topographic map of the USGS Pasadena, California, 1966, photorevised 1988, was reviewed.

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A chronological summary of the aerial photographs and map review is provided in the table below.

**Table No. 2, Historical Aerial Photograph and Map Review Summary**

Date	Reference	Observations
<p>12-4-52 Flight #7K-98-99-100</p>	<p>Aerial Photograph</p>	<p>There appeared to be two structures on the Property.</p> <p>The adjacent properties appeared to be as follows:</p> <ul style="list-style-type: none"> <li>• North: Several structures and a small area of undeveloped land, followed by Sanborn Avenue.</li> <li>• South: Foothill Boulevard, followed by what appeared to be residential properties.</li> <li>• East: La Crescenta Avenue, followed by what appeared to be residential structures. A large basin-type structure (possibly a debris basin) appeared to be located approximately ¾-mile southeast of the Property.</li> <li>• West: Dyer Street, followed by what appeared to be commercial structures.</li> </ul> <p>The general vicinity appeared to consist of commercial and residential properties.</p>
<p>1-30-70 Flight #60-2-S7-S8</p>	<p>Aerial Photograph</p>	<p>The Property appeared to be similar to the 1952 aerial photograph.</p> <p>The adjacent properties appeared to be as follows:</p> <ul style="list-style-type: none"> <li>• North: One large structure (possibly the LA County Public Library), and what appeared to be a small area of undeveloped land, followed by Sanborn Avenue.</li> <li>• South: Foothill Boulevard, followed by what appeared to be commercial properties.</li> <li>• East: La Crescenta Avenue, followed by commercial and residential properties.</li> <li>• West: Dyer Street, followed by what appeared to be commercial structures.</li> </ul> <p>The general vicinity appeared to consist of commercial and residential developments.</p>



Date	Reference	Observations
11-7-76 Flight #76162-275-276  5-12-79 Flight #FCLA-3-229-230  1-28-86 Flight #F-447-446-438-437  1966 photorevised 1988	Aerial Photographs and Topographic Map	The Property and surroundings appeared similar to the 1970 aerial photo, except that a race track and the Interstate 210 (Foothill Freeway) appeared to be located approximately 1/2-mile south of the Property.
6-7-90 Flight #C82-6-33  6-19-95 Flight #C113-22-134-135  12-7-98 Flight #C130-22-106-107	Aerial Photographs	The Property and surroundings appeared similar to the 1986 aerial photograph, except that there appeared to be an additional large structure adjacent north of the Property. An increase of commercial development appeared to be located further east and west of the Property.

#### 4.2.2 Building Permit Review

Available building permits were reviewed at the County of Los Angeles Department of Public Works, Building and Safety Division. A chronological summary is provided below.

##### 2801 Foothill Boulevard

A building permit was issued on 12/3/62 to demolish a house and dress shop. The owner was identified as W.O. Williamson.

A building permit was issued on 12/11/62 for a connection to a septic tank, seepage pit and/or drainfield. The owner was identified as W.O. Williamson.

A building permit was issued on 1/24/63 to add a sign. The owner was identified as Shell Oils.



A building permit was issued on 1/29/63 for a new service station and retaining wall. The owner was identified as Williams and Williamson.

A building permit was issued on 10/7/65 to add a sign. The owner was identified as Shell Oil.

A building permit was issued on 1/14/72 to add fascia to a building. The owner was identified as Shell Oils.

A building permit was issued on 10/28/82 for a sewer connection. The owner was identified as Floyd W. Shulke.

A building permit was issued on 5/21/85 for a public sewer connection. The owner was identified as Piola.

A building permit was issued on 2/2/89 for a double-faced billboard. The owner was identified as 3M National Adventures.

A building permit was issued on 3/13/90 for a new firewall, and to convert service station to mini-market. The owner was identified as G. Buchanan. The use of existing structure was a store and garage. The permit expired on 11/26/91.

An electrical permit was issued on 7/10/98 to convert overhead electrical to underground. The owner was identified as W.O. Williamson.

#### 2813 Foothill Boulevard

A building permit was issued on 8/26/54 for a new office and parapet wall. The owner was identified as W.O. Williamson.

An application for building relocation was issued on 9/13/54. The present use was identified as a real estate office, and the proposed use was identified to be a used car office. The owner was identified as W.O. Williamson.

A building permit was issued on 11/21/62 for a new used car office. The owner was identified as Paola Oldsmobile.

A building permit was issued on 11/21/62 to replace a sign. The owner was identified as Paola Oldsmobile.

A building permit was issued on 12/28/76 for a connection to a septic tank, seepage pit and/or drainfield. The owner was identified as Paola.



A building permit was issued on 12/5/85 for a connection to public sewer. The owner was identified as Paola.

#### 4.2.3 Zoning Land Use Records

The Property is currently zoned as commercial (C-3-BE).

### 4.3 Environmental Database Review

An Environmental Data Resources (EDR) report of Standard Environmental Record Sources (Records) was prepared specifically for the Property. The complete EDR report is provided in Appendix C, *EDR-Radius Map Report*. The search included queries to the following databases for cases within the specified search distance of the Property.

The following Property addresses were identified on the following databases in the EDR report:

#### Bruce's Automotive, 2801 Foothill Boulevard, La Crescenta, CA 91214

- California Environmental Protection Agency (Cal EPA), Hazardous Waste Information System (HAZNET) – Database of sites that submit a hazardous waste manifest to the Department of Toxic Substances Control (DTSC). According to the EDR report, the Property generates wastes consisting of aqueous solution with less than 10 total organic residues and unspecified solvent mixture waste. The disposal methods are identified as a recycler and transfer station. No violations were reported.

#### Automotive Specialties, 2801 Foothill Boulevard, La Crescenta, CA 91214

- State Water Resources Control Board, Hazardous Substance Storage Container Database (HIST UST) – Historical listing of underground storage tank sites. According to the EDR report, there are five (5) USTs located at this Property. The contents of the tanks are unleaded fuel, product, regular and waste oil. No violations were reported.

The following contiguous property was identified in the EDR report:

- Crescenta Valley Car Wash and Lube Center, 2800 Foothill Boulevard, La Crescenta, CA (adjacent south of Property). This site was identified on the following databases:
  - HAZNET – According to the EDR report, this site generates waste oil and mixed oil. The disposal method is identified as a recycler. No violations were reported.



Other off-site locations of concern identified by the EDR report within a maximum 1-mile radius from the Property are as follows:

- Environmental Protection Agency (EPA), National Priority List (NPL) – The NPL is a listing of uncontrolled or abandoned hazardous waste sites that have been targeted for possible long-term remedial action under the Superfund Act. One site was identified within a 1-mile radius of the Property.

- San Fernando Valley – Area 3 (Glorietta Wellfield Area) Glendale (Map ID# 0)

The San Fernando Valley (Area 3) is an area of contaminated groundwater in the vicinity of the Glorietta Well Field in Glendale, CA. The area is part of the San Fernando Valley Basin, a natural underground reservoir that is a source of drinking water. The groundwater in that area is contaminated with Trichloroethylene (TCE) and Perchloroethylene (PCE). Since 1986, the EPA has undertaken various cleanups and control measures. The status of the San Fernando Valley (Area 3) site is on the final NPL. The responsible parties that contributed to the groundwater contamination have been identified. There is no evidence that the Property contributed to the groundwater contamination.

The potential for environmental impact from this site appears to be low due to one or more of the following: status of case, involvement of a regulatory agency, type of resource affected, identification of the responsible party, location with respect to the direction of regional groundwater flow, and/or distance.

- EPA, Records of Decision (ROD) – A database of ROD documents that mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup. One site was identified within a 1-mile radius of the Property.

- San Fernando Valley – Area 3 (Map ID# 0)

The potential for environmental impact from this site appears to be low due to one or more of the following: status of case, involvement of a regulatory agency, type of resource affected, identification of the responsible party, location with respect to the direction of regional groundwater flow, and/or distance.

- EPA, Superfund Consent Decrees (CONSENT) – A database of major legal settlements that establish responsibility and standards for cleanup and NPL (Superfund) Sites. No sites were identified within a 1-mile radius of the Property.



- Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) – A list of sites that are either proposed or on the NPL and sites which are in the screening and assessment phase for possible inclusion on the NPL. One site was identified within a ½-mile radius of the Property.
  - San Fernando Valley – Area 3 (Map ID# 0)

The potential for environmental impact from this site appears to be low due to one or more of the following: status of case, involvement of a regulatory agency, type of resource affected, identification of the responsible party, location with respect to the direction of regional groundwater flow, and/or distance.

- EPA, Corrective Action Report (CORRACTS) – List of facilities undergoing “corrective action.” Corrective actions may be required beyond the facility’s boundary and can be required regardless of when the release occurred. No sites were identified within a 1-mile radius of the Property.
- EPA, Resource Conservation and Recovery Information System (RCRIS) Transport, Store, Treat (TSD) Facilities – Information on sites, which generate, transport, store, treat and/or dispose of hazardous waste. No sites were identified within a ¼-mile radius of the Property.
- EPA, RCRIS Large and Small Quantity Generators – Database, which lists facilities that generate a store, transport, treat, or dispose of hazardous waste. Large quantity facilities generated at least 1,000 kilograms per month of non-acutely hazardous waste or one kilogram per month of acutely hazardous waste. No large quantity generators were identified within a ¼-mile radius of the Property. Small quantity facilities generate less than 1,000 kilograms per month of non-acutely hazardous waste. Five small quantity facilities were identified within a ¼ -mile radius of the Property.
  - Dry Clean USA, 2770 Foothill Boulevard (Map ID# B4)
  - Hightower Toyota Inc Body Shop, 2851 Foothill Boulevard (Map ID C7)
  - Vince Dicks Service Center, 2865 Foothill Boulevard (Map ID C8)
  - Crescenta Valley Cis, 2866 Foothill Boulevard (Map ID C9)
  - Tommy S Verkstat, 2869 Foothill Boulevard (Map ID 11)

The potential for environmental impact from these sites appears to be low due to type of database listing.



- NOTIFY 65 – Database of facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. No sites were identified within a ½-mile radius of the Property.
- HAZNET – Database of sites that submit a hazardous waste manifest to the Department of Toxic Substances Control (DTSC). No sites were identified within a ¼-mile radius of the Property.
- Cal EPA, Annual Workplan (AWP) – Identifies known hazardous substance sites targeted for cleanup. One site was identified within a 1-mile radius of the Property.
  - San Fernando Valley – Area 3 (Map ID# 0)

The potential for environmental impact from this site appears to be low due to one or more of the following: status of case, involvement of a regulatory agency, type of resource affected, identification of the responsible party, location with respect to the direction of regional groundwater flow, and/or distance.

- DTSC, Cal-Sites Database – A database of potential or confirmed hazardous substance release properties. One site was identified within a 1-mile radius of the Property.
  - San Fernando Valley – Area 3 (Map ID# 0)

The potential for environmental impact from this site appears to be low due to one or more of the following: status of case, involvement of a regulatory agency, type of resource affected, identification of the responsible party, location with respect to the direction of regional groundwater flow, and/or distance.

- State Water Resources Control Board, Toxic Pits – Identifies sites suspected of containing hazardous substances where cleanup has not yet been completed. No sites were identified within a 1-mile radius of the Property.
- State Water Resources Control Board, Waste Management Unit Database (WMUDS/SWAT) – List which tracks and inventories waste management units. No sites were identified within a ½-mile radius of the Property.
- State Water Resources Control Board, Leaking Underground Storage Tank (LUST), and Indian LUST – An inventory of reported leaking underground storage tank incidents. Three (3) sites were identified within a ½ -mile radius of the Property.
  - Wortmann Oil Co., Inc., 3044 Foothill Boulevard, Map ID 14



- Crescenta Valley Tow, 4456 Cloud Ave, Map ID 15
- One Stop Cleaners, 3115 Foothill Boulevard, Map ID D16

The potential for environmental impact from the LUST sites appears to be low due to one or more of the following: status of case, involvement of a regulatory agency, type of resource affected, identification of the responsible party, location with respect to the direction of regional groundwater flow, and/or distance.

- Regional Water Quality Control Board (RWQCB), Active Toxic Site Investigations (CA SLIC) – Database of contaminated sites that have impacted groundwater or have the potential to impact groundwater. Four (4) sites were identified within a ½ - mile radius of the Property.
  - Dryclaners Plus, 2770 Foothill Boulevard, Map ID B5
  - Crescent Jewellery, 2629 ½ Foothill Boulevard, Map ID 13
  - One Stop Cleaners, 3115 Foothill Boulevard, Map ID D16
  - One Stop Cleaner, 3115 Foothill, Map ID D17

The potential for environmental impact from these sites appears to be low due to one or more of the following: status of case, involvement of a regulatory agency, type of resource affected, identification of the responsible party, location with respect to the direction of regional groundwater flow, and/or distance.

- State Water Resources Control Board, Hazardous Substance Storage Container Database (UST) – Historical listing of underground storage tank sites. No sites were identified within a ¼-mile radius of the Property.
- Cal EPA, Facility Inventory Database (CA FID UST) – Historical database of active and inactive UST sites. No sites were identified within a ½-mile radius of the Property.
- HIST UST – Historical listing of underground storage tank sites. One site was identified within a ½-mile radius of the Property.
  - S & Dairy, 2660 Foothill Boulevard, Map ID 12

The potential for environmental impact from this site appears to be low due to type of database listing.

- Department of Toxic Substance Control, Cleaner facilities (CLEANERS) – a list of drycleaner related activities that have EPA ID numbers. Two sites were identified within a ¼ -mile radius of the Property.



- Dry Cleaners Plus, 2770 Foothill Boulevard, Map ID B6
- Crescenta Valley Cleaners, 2866 Foothill Boulevard, Map ID C10

The potential for environmental impact from these sites appears to be low due to type of database listing.

- State Water Quality Control Board, CORTESE - Database of sites that have been identified as LUST, landfills, or Cal-Sites. The Property was identified on the CORTESE database. Four (4) sites were identified within a ½-mile radius of the Property.
  - San Fernando Valley – Area 3 (Map ID# 0)
  - Wortmann Oil Co., Inc., 3044 Foothill Boulevard. (Map ID#14)
  - Crescenta Valley Tow, 4456 Cloud Ave. (Map ID #15)
  - One Stop Cleaners, 3115 Foothill Boulevard. (Map ID #D16)

The potential for environmental impact from these sites appears to be low due to one or more of the following: status of case, involvement of a regulatory agency, type of resource affected, identification of the responsible party, location with respect to the direction of regional groundwater flow, and/or distance.



## **4.4 Additional Environmental Records Sources**

### **4.4.1 Munger Map Book 2004**

The Munger Oil Information Service, Inc., Munger Map Book, California – Alaska Oil and Gas Fields, 2004, was reviewed by Converse. No oil or gas wells are located on the Property or adjacent properties.

### **4.4.2 Division of Oil and Gas (DOG)**

The California Department of Conservation and Geothermal Resources, Regional Wildcat Map W1-2 Los Angeles and Ventura Counties, was reviewed by Converse. No oil or gas wells are located on the Property or within a ½-mile of the Property.

### **4.4.2 California State Fire Marshall (CSFM), Pipeline Safety Division**

There are no underground pipelines within a 1,500-foot radius of the Property that are within CSFM jurisdiction.

### **4.4.3 Los Angeles County, Department of Health Services (DHS), Public Health Investigation**

A record search was performed at the DHS. The following is a summary of the pertinent records found for the Property:

#### 2801 Foothill Boulevard

- A County of Los Angeles Department of Health Services Plant Visit Hazardous Waste Control Program Summary stated that no violations were observed at the time of the inspections between 11/27/90 and 12/13/02.
- A LA County Fire Department Facility Information Report, dated 12/03/02, stated that no violations were observed during the inspection.

No other records were found for the Property.

### **4.4.4 Los Angeles County Department of Public Works Environmental Programs Division (DPW)**

A record search was performed at the DPW. The following is a summary of the pertinent records found for the Property:



### 2801 Foothill Boulevard

- A Uniform Hazardous Waste Manifest dated 05/11/93, for 349-gallons of Non RCRA Hazardous Waste – Liquid Tank Rinsate. The transporter was designated as Environmental Investigation and Action Inc.
- A Uniform Hazardous Waste Manifest dated 05/17/93 for 1,586-gallons of Non RCRA Hazardous Waste – Liquid Tank Rinsate. The transporter was designated as Environmental Investigation and Action, Inc.
- A Hazardous Materials System Tanks Inspection Job Order Closure by Removal, dated 5/26/93. The inspection was for the removal of the following:
  1. One 4,000-gallon, single walled UST containing premium unleaded gasoline
  2. One 4,000-gallon, double walled UST containing leaded gasoline
  3. One 6,000-gallon, single walled UST containing leaded gasoline
  4. One 8,000-gallon, single walled UST containing regular unleaded gasoline
  5. One 550-gallon UST containing waste oil.

The inspection stated that four tanks were removed; two 4Ks and one 6K and 8K. Visual contamination was not observed during the tank removal. The 550-gallon tank was not an UST, but was instead a septic tank, which was not removed. The septic tank was to be pumped and cleaned and put on a different permit. The site at the time did not have a permit to remove the septic tank. The removal of the USTs was performed on the 5/12/93 at 2pm by Environmental Investigation and Action.

- A Hazardous Material System Industrial Waste Inspection Job Order–Closure by Removal, dated 10/12/93. The inspection was for the removal of one 550-gallon septic tank and core sampling on 10/12/93 at 10:00 a.m., by Environmental Investigation and Action. The inspection stated that the tank was a cast reinforced concrete structure. It had been broken up, taken from the pit and set aside before the inspector's arrival.
- A letter from the Arco Products Company to the Los Angeles County Department of Public Works dated 02/7/94. The letter stated that Arco was not the owner of the property or tanks; however, Arco did supply gasoline for resale to the dealer/owner at the facility, but have not done so since 7/1/86.
- An Environmental Investigation and Action, Inc. statement for a tank pull, dated 2/23/94.
- A Los Angeles County Department of Public Works, Environmental Programs Division Inspectors Report, dated 3/21/97. The report stated the following:



- The site was originally connected to a private disposal system
  - Only sanitary waste lines were connected to newly built sewer lines about 1992
  - Underground fuel tanks were removed and at the same time the cesspool(s) were removed (including cesspool receiving IW)
  - Closure application for separator (Interceptor) submitted 6/28/94
  - Permittee never closed interceptor because he is only a renter and would not pay for soil sampling
  - Void or cancel closure
  - Applicant has applied for I.W.P. (Non Use)
  - Note: interceptor outlet and F.D./s sealed with concrete and method of disposal not determined.
- A County of Los Angeles Industrial Waste Disposal Permit dated July 1978, for one standard SA-177 sand and grease interceptor for treating approximately 50 gallons per day of wastewater that discharges to a cesspool.
  - A Los Angeles County Department of Public Works, Hazardous Material System Industrial Waste Inspection— Storm Water Inspection, dated 7/28/00. The inspection notice stated that there was a clarifier under non-use SA 175 in the west side room, and that sampling was not required. The notice also stated that Best Management Practices (BMPs) were used on-site; wastes were stored in an outside building and that there was no vehicle spillage to asphalt.

According to Mr. John Awujo, from the County of Los Angeles Department of Public Works, Environmental Programs Division, there is no closure report or closure letter on file regarding the removal of the USTs from the Property. Mr. Awujo indicated that the removal of the tanks was incorrectly documented and/or performed, which resulted in the non-closure status of the UST removal.

No other pertinent records were found for the Property.

#### **4.4.5 South Coast Air Quality Management District (SCAQMD)**

The South Coast Air Quality Management District (SCAQMD) has records of Notices of Violation and Facility Equipment List Report for the Property. The following is a summary of the records found for the Property:

##### 2801 Foothill Boulevard

- A notice of violation was issued on 9/25/89 for failure to obtain permit to operate the gasoline dispensing system.



- A notice of violation was issued on 2/5/90 for failure to obtain permit to operate the gasoline dispensing equipment.
- A facility equipment list report dated 07/05/02 indicated an expired permit status for service station storage and dispensing gasoline and amine treating. The report also stated that the service was out of business, and that there was a new business on-site (Bruce's Automotive).

No other records were found for the Property.

#### **4.4.6 Los Angeles Regional Water Quality Control Board (RWQCB)**

Information has been requested from the RWQCB. Upon receipt and review of the information, an addendum will be issued if items of concern are noted. In addition, our conclusions and recommendations will be modified accordingly.



## 5.0 PROPERTY RECONNAISSANCE

### 5.1 Methodology

On December 6, 2004, Converse visited the Property to evaluate present use and environmental conditions at the Property. Our methodology involved walking the accessible perimeter and interior areas, while noting observed evidence of present and potential environmental concerns. A field-generated map is provided in Appendix A. Pertinent Property photographs are provided in Appendix B.

### 5.2 Limiting Conditions

Converse's findings are based on the Property conditions observed December 6, 2004. The office building located at 2813 Foothill Boulevard was externally observed but not accessed.

### 5.3 Interior Observations

Table No. 3, Interior Observations

Item or Condition	Observed Evidence	No Evidence Observed	Comments
Hazardous Substances & Petroleum Products:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See below.
Storage Tanks & Related Equipment:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Odors:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Standing Surface Water or Other Pools of Liquid:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Drums & Other Containers of Hazardous Substances, Petroleum Products, or Other Unidentified Contents:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The following were observed at 2801 Foothill Boulevard (Bruce's Automotive):  Two 15-gallon drums of Safety Kleen adsorbent, one part washer, one used



Item or Condition	Observed Evidence	No Evidence Observed	Comments
Drums & Other Containers of Hazardous Substances, Petroleum Products, or Other Unidentified Contents Cont.:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>car battery, one new 1-gallon container of Peak Antifreeze and Coolant, several new 1-quart containers of new motor oil, and one-grease collector were observed within the service bays.</p> <p>Various new 1-quart to 1-gallon containers of lubricants, grease, brake fluid and paint were observed within the parts storage area. Slight staining was observed around the vicinity of the containers.</p> <p>Two 40-gallon drums of used oil, two 40-gallon drums of drained used oil filters, one 15-gallon drum of drained used oil filters, one 40-gallon drum of waste antifreeze, two 1-gallon containers of thread cutting oil were observed within the metal storage area. Containment was observed around three of the 40-gallon drums.</p>
Transformers or Equipment containing Polychlorinated Biphenyls (PCBs):	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The following were observed at 2801 Foothill Boulevard (Bruce's Automotive):</p> <p>Two hydraulic lifts were observed within the service bays. Staining was observed around the vicinity of the lifts.</p>
Pits, Ponds or Lagoons:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Stained Soil or Pavement:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The following were observed at 2801 Foothill Boulevard (Bruce's Automotive):</p> <p>Staining was observed throughout the service bays, parts storage area and the metal storage structure. Cracks were observed on the concrete.</p> <p>An approximate 10 square foot area of stained concrete was observed within the parts storage area.</p>



Item or Condition	Observed Evidence	No Evidence Observed	Comments
Heating/Cooling System:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Evidence of Mounds, Depressions or Filled or Graded Areas Suggesting Trash or Other Solid Waste Disposal:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Waste Water or any discharge (including storm water) into a Drain, Ditch or Stream on or Adjacent to the Property:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Wells (active, inactive, or abandoned):	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Septic Systems or Cesspools:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Drains and Sumps:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The following were observed at 2801 Foothill Boulevard (Bruce's Automotive):  A two-stage clarifier, three plugged floor drains, and one open floor drain were observed within the service bay.

In addition to the above items, Converse also made the following observations:

- Small amounts of household cleaners and office equipment were observed in the service bay and office area.
- Various auto-related equipment including metal cutting machinery, miscellaneous tools and portable tool boxes, several small boxes of new brake pads, tires, engine parts, a long ram jack, empty 5-gallon buckets etc., were observed in the service bays and parts storage area.



- Approximately eight used tires, several used hubcaps, and one 15-gallon drum with trash were observed within the metal storage area.

#### 5.4 Exterior Observations

During our site visit, Converse made the following observations of the exterior of the Property:

**Table No. 4, Exterior Observations**

Item or Condition	Observed Evidence	No Evidence Observed	Comments
Hazardous Substances & Petroleum Products:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See below.
Storage Tanks & Related Equipment:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Odors:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Standing Surface Water or Other Pools of Liquid:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Standing surface water (from rain) was observed adjacent north of the parts storage area.
Drums & Other Containers of Hazardous Substances, Petroleum Products, or Other Unidentified Contents:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	One 10-gallon and one 20-gallon antique metal container, labeled as "Mobil Oil" was observed north of the office building located at 2813 Foothill Boulevard. Slight staining was observed on top of the containers. One empty 5-gallon gasoline tank and one empty 1-gallon container labeled "hydrochloric acid" were observed adjacent east of the office building. Staining was not observed.
Transformers or Equipment containing Polychlorinated Biphenyls (PCBs):	<input type="checkbox"/>	<input checked="" type="checkbox"/>	



Item or Condition	Observed Evidence	No Evidence Observed	Comments
Pits, Ponds or Lagoons:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Stained Soil or Pavement:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Minor stains (from parked cars) were observed throughout the parking lots.
Stressed Vegetation (other than from insufficient water):	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Evidence of Mounds, Depressions or Filled or Graded Areas Suggesting Trash or Other Solid Waste Disposal:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Waste Water or any discharge (including storm water) into a Drain, Ditch or Stream on or Adjacent to the Property:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Wells (active, inactive, or abandoned):	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Septic Systems or Cesspools:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Drains and Sumps:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Prior Structures:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Roads, Tracks, Railroad Tracks or Spurs:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

In addition to the above items, Converse also made the following observations:

- A patched area of asphalt (20'x10') was observed northeast of the office building located at 2813 Foothill Boulevard.



- Miscellaneous abandoned office equipment, debris and trash were observed near the central portion of the Property.
- One large area of patched asphalt (approximately 500 square feet) and rectangular shaped areas of patched concrete (approximately 200 square feet) were observed adjacent south of the service bays located at 2801 Foothill Boulevard.
- One long rectangular area of patched asphalt was observed traversing north south from the southeastern portion of the service bay, leading towards La Crescenta Avenue. Two in-ground utility access points labeled as "sewer" was observed within the patched asphalt.
- Five vent pipes (approximately 1-inch in diameter and 20 feet high) were observed adjacent north of the parts storage area.
- One large billboard, with associated electrical equipment was observed on the central portion of the Property.



## 6.0 INTERVIEWS

---

During the interviews, the owners and tenants were asked if they had any available documents that would be helpful. The documents that were requested are detailed in Section 3.1, *Requested Documents and Information*.

### 6.1 Property Owners

Converse was not able to obtain a response from the Property Owner within the time frame of this assessment.

### 6.2 Tenants

Mr. Bruce Bartels, tenant of 2801 Foothill Boulevard (Bruce's Automotive) indicated that he has occupied the site since 1990 and that the Property was built around 1962. The prior site use was a mini-market and a gas station. The gas station went out of business in 1990, and the USTs were removed in 1991, however, the paperwork for the removal of the USTs was never finalized. Mr. Bartel indicated that the patched asphalt adjacent south of the service bays were where the former USTs and dispenser islands were located. According to Mr. Bartel, there were four USTs on the Property; two 4,000-gallon tanks, one 7,000-gallon tank, and one 8,000-gallon tank. The clarifier in the service bay was inactive and was empty and dry, and there used to be a septic tank and a leach field on the eastern portion of the Property (as indicated by the patched asphalt leading towards Foothill Boulevard). The clarifier was connected to the septic tank. The LA County Public Works Department periodically comes on-site to inspect the clarifier. Mr. Bartels stated that the waste oil, waste oil filters, used tires and used antifreeze were routinely picked up for off-site disposal. Mr. Bartels also stated that the adjacent lot (2813 Foothill Boulevard) has been a used car lot that was only used for the parking of cars since he could remember.

Mr. Bartels provided Converse with the following:

- An Asbury Environmental Services Service Order for 30-gallons of waste oil, dated 8/10/04.
- An Asbury Environmental Services Service Order for 40-gallons of waste antifreeze, dated 10/21/04.
- A Los Angeles County Certified unified Program Agency Consolidated/Permit License to Operate. The permit expires on March 7, 2004.
- A County of Los Angeles Hazardous Waste License. The license expires on March 7, 1997.



## 7.0 FINDINGS

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A cursory summary of findings is provided below. Details are not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

- According to the information gathered by Converse, the eastern portion of the Property (2801 Foothill Boulevard) has been a gas station as early as 1964 and an automotive repair shop from 1990. The western portion of the Property (2801 Foothill Boulevard) has been a used car lot since 1962.
- On May 12, 1993, Environmental Investigation and Action Inc., conducted the removal of the following USTs from 2801 Foothill Boulevard:

- One 4,000-gallon, single walled UST containing premium unleaded gasoline
- One 4,000-gallon, double walled UST containing leaded gasoline
- One 6,000-gallon, single walled UST containing leaded gasoline
- One 8,000-gallon, single walled UST containing regular unleaded gasoline

However, according to the DPW, there is no closure report or closure letter on file regarding the removal of the USTs from the Property.

- A 550-gallon septic tank was removed from 2801 Foothill Boulevard in 1993. According to the tenant, Mr. Bruce Bartels, the septic tank and the clarifier was connected to a leach field, located on the eastern portion of the Property. The clarifier is currently dry and has been unused since the 1990s.
- The South Coast Air Quality Management District (SCAQMD) identified Notices of Violation and Facility Equipment List Report for 2801 Foothill Boulevard.
- The Property was identified on the HAZNET and HIST UST databases in the EDR report.
- Property reconnaissance revealed evidence of superficially stained concrete and asphalt, as well as the following items: containers of virgin motor oil, oil filters, 40 and 15-gallon drums of waste oil, used oil filters and used antifreeze, virgin power steering fluid, grease, brake fluid, diesel fuel conditioner, paint containers, used car batteries, portable grease collectors, engine parts, new and used tires, antique metal Mobil Oil containers, two hydraulic hoists and one clarifier. Five vent pipes (approximately 1-inch in diameter and 20 feet high) were observed adjacent north of the parts storage area.



- A patched area of asphalt (20'x10') was observed northeast of the office building located at 2813 Foothill Boulevard. The patched area appeared to be from a previous structure (trailer) on the Property, and does not appear to be related to hazardous materials.
- One large area of patched asphalt (approximately 500 square feet) and rectangular shaped areas of patched concrete (approximately 200 square feet) were observed adjacent south of the service bays located at 2801 Foothill Boulevard. According to the tenant, Mr. Bartel, the patched asphalt and concrete areas were where the former USTs and dispenser islands were located.
- One long rectangular area of patched asphalt was observed traversing north-south from the southeastern portion of the service bay, leading towards La Crescenta Avenue. Two in-ground utility access points labeled as "sewer" was observed within the patched asphalt.
- Building permits indicate that historic septic tanks and cesspools also existed on the Property. However, documentation regarding the removal of the septic tanks and/or drainfields was not found for 2813 Foothill Boulevard.



## 8.0 OPINIONS AND CONCLUSIONS

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Converse has performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM Practice E 1527 for 2801 and 2813 Foothill Boulevard, in the unincorporated community of La Crescenta, Los Angeles County, California. Any exceptions to or deletions from this practice are described in the Limitations and Exceptions of Assessment section of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the Property except for the following:

- A retail service station utilizing underground storage tanks (USTs) for the storage of gasoline products existed on the eastern portion of the Property at 2801 Foothill Boulevard from as early as 1964 to at least 1990. Presently, the address is operated as Bruce's Automotive, a commercial auto repair facility consisting of an office, vehicle repair bays and associated parking areas. The former UST and dispenser island locations are located to the south of the auto repair facility. The western portion of the Property (2801 Foothill Boulevard) has been a used car lot since 1962.
- On May 12, 1993, Environmental Investigation and Action Inc., conducted the removal of the following USTs from 2801 Foothill Boulevard:

- One 4,000-gallon, single walled UST containing premium unleaded gasoline
- One 4,000-gallon, double walled UST containing leaded gasoline
- One 6,000-gallon, single walled UST containing leaded gasoline
- One 8,000-gallon, single walled UST containing regular unleaded gasoline

A DPW Hazardous Materials System Tanks Inspection Job Order Closure by Removal, dated 5/26/93, documented the tank pull. The inspection stated that four tanks were removed and visual contamination was not observed during the tank removal. However, according to the DPW the removal of the tanks was incorrectly documented and/or performed, which resulted in the non-closure status of the UST removal. There is no closure letter or report on file with the DPW regarding the removal of the USTs from the Property. Further action appears warranted.

- A 550-gallon septic tank was removed from 2801 Foothill Boulevard by Environmental Investigation and Action Inc. on October 12, 1993. A DPW Hazardous Materials System Tanks Inspection Job Order Closure by Removal, dated 10/12/93, documented the septic tank removal. The inspection stated that the tank was a cast reinforced concrete structure and was broken up, taken from the pit and set aside before the inspector's arrival. According to the tenant, Mr. Bruce Bartels, the septic tank and a



two-stage clarifier was connected to a leach field, located on the eastern and southeastern portion of the Property. Further action appears warranted.

- Property reconnaissance revealed evidence of surficially stained concrete and asphalt, as well as the following items: containers of virgin motor oil; oil filters; 40 and 15-gallon drums of waste oil, used oil filters and used antifreeze; virgin power steering fluid, grease, brake fluid, diesel fuel conditioner, paint containers; used car batteries; portable grease collectors; engine parts; and new and used tires. General housekeeping appeared to be moderate. The tenant of 2801 Foothill Boulevard, Mr. Bartels, stated that the waste oil, waste oil filters, used tires and used antifreeze were routinely picked up for off-site disposal. Converse recommends improved housekeeping practices and secondary spill containments for all buckets and drums.
- One 10-gallon and one 20-gallon antique metal containers, labeled as "Mobil Oil" were observed north of the office building located at 2813 Foothill Boulevard. Slight staining was observed on top the containers. One empty 5-gallon gasoline tank and one empty 1-gallon container labeled "hydrochloric acid" were observed adjacent east of the office building. Staining was not observed. Further action does not appear warranted.
- Two hydraulic hoists, three plugged circular floor drains and one open floor drain connected to a clarifier were observed at 2801 Foothill Boulevard. Staining was observed around the vicinity of the lifts. Further action appears warranted.
- Five vent pipes (approximately 1-inch diameter, 20 feet high) were observed adjacent north of the parts storage area. The vent pipes appear to be associated with the former USTs. Further action appears warranted.
- One large area of patched asphalt (approximately 500 square feet) and rectangular shaped areas of patched concrete (approximately 200 square feet) were observed adjacent south of the service bays located at 2801 Foothill Boulevard. According to the tenant, Mr. Bartel, the patched asphalt and concrete areas were where the former USTs and dispenser islands were located. Further action appears warranted.
- One long rectangular area of patched asphalt was observed traversing north-south from the southeastern portion of the service bay, leading towards La Crescenta Avenue. Two in-ground utility access points labeled as "sewer" was observed within the patched asphalt. According to Mr. Bartel, the patched asphalt shows the connection from the clarifier and septic tank to the leach field. Further action appears warranted.



- Building permits indicate that historic septic tanks and cesspools also existed on the Property. However, documentation regarding the removal of the septic tanks and/or drainfields was not found for 2813 Foothill Boulevard. Further action appears warranted.
- The South Coast Air Quality Management District (SCAQMD) identified the following Notices of Violation and Facility Equipment List Report for 2801 Foothill Boulevard (Historic Gas Station):
  - A notice of violation was issued on 9/25/89 for failure to obtain permit to operate the gasoline dispensing system.
  - A notice of violation was issued on 2/5/90 for failure to obtain permit to operate the gasoline dispensing equipment.
  - A facility equipment list report dated 07/05/02 indicated an expired permit status for service station storage and dispensing gasoline and amine treating. The report also stated that the service was out of business, and that there was a new business onsite: Bruce's Automotive.

No other pertinent information was provided by SCAQMD. Further action does not appear warranted.

- The following Property addresses were identified on the following databases in the EDR report:

Bruce's Automotive, 2801 Foothill Boulevard, La Crescenta, CA 91214

- California Environmental Protection Agency (Cal EPA), Hazardous Waste Information System (HAZNET) – Database of sites that submit a hazardous waste manifest to the Department of Toxic Substances Control (DTSC). According to the EDR report, the Property generates wastes consisting of aqueous solution with less than 10 total organic residues and unspecified solvent mixture waste. The disposal methods are identified as a recycler and transfer station. No violations were reported. Further action does not appear warranted.

Automotive Specialties, 2801 Foothill Boulevard, La Crescenta, CA 91214

- State Water Resources Control Board, Hazardous Substance Storage Container Database (HIST UST) – Historical listing of underground storage tank sites. According to the EDR report, there are five (5) USTs located at this Property. The



contents of the tanks are unleaded fuel, product, regular and waste oil. No violations were reported. Further action does appear warranted.

- The following contiguous property was identified in the EDR report:

Crescenta Valley Car Wash and Lube Center, 2800 Foothill Boulevard, La Crescenta, CA (adjacent south of Property). This site was identified on the following databases:

- HAZNET – According to the EDR report, this site generates waste oil and mixed oil. The disposal method is identified as a recycler. Further action does not appear warranted.
- The San Fernando Valley Site – Area 3 (located approximately 1/3-mile south of the Property) is listed on several databases in the EDR report, including the National Priority List, indicating the potential for environmental impact to the Property from this site. Due to the status of case, distance from the subject Property, involvement of a regulatory agency, and the location with respect to the direction of inferred regional groundwater flow, the potential for environmental impact to the Property from this site appears to be low. Further action does not appear warranted.

Based on the above information, there appears to be a potential for environmental impact to the Property from current and historical usage. Further assessment appears warranted. Prior to redevelopment, a subsurface investigation to assess the areas of staining, areas of patched asphalt and concrete (locations of the former USTs, remote fill area and fuel dispenser islands), the clarifier, leach field, potential septic tanks, hydraulic hoists and a general soil screening over the used car lot appears to be warranted. Converse also recommends the proper removal and disposal of all hazardous materials such as waste oil containers, antifreeze, and batteries.

Information regarding the Property has been requested from the RWQCB. Upon receipt and review of the information, an addendum will be issued if items of concern are noted. In addition, any conclusions and recommendations will be modified accordingly.



## 9.0 DEVIATIONS

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The following deviation or deletion from the ASTM standard Practice was addressed in this report.

- Owner Interview

Converse was not able to obtain a response from the Property Owner within the time frame of this assessment.



## 10.0 ADDITIONAL NON-SCOPE SERVICES

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There are environmental issues outside the scope of the ASTM E1527-00 that can be assessed in connection with a commercial real estate transaction. These are dealt with as non-scope considerations since they do not typically present a Superfund Liability. The specific level of inquiry (if any) is defined in the proposal, which contains a Scope of Work. These non-scope services are very client specific and not covered by the ASTM standard. They are frequently related to the business environmental risk which is defined in the ASTM standard as "risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate ..."

No non-scope issues were addressed in this report.



## 11.0 REFERENCES

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- California State Fire Marshall, Pipeline Safety Division, Request for Information, December 2004.
- Continental Aerial Photos Inc., Aerial Photograph Review, December 2004.
- County of Los Angeles Department of Public Works, Building and Safety Division, Building Permit Request, December 2004.
- County of Los Angeles Public Works (DPW), Hydraulic Records, Request for Information, December 2004.
- County of Los Angeles Department of Public Works, Planning Department, Zoning Request, December 2004.
- Environmental Data Resources (EDR), Inc., EDR-Radius Map Report with GeoCheck, December 2004.
- Environmental Data Resources (EDR), Inc., Request for Sanborn Map, December 2004.
- Los Angeles County, Department of Health Services (DHS), Public Health Investigation, Request for Information, December 2004.
- Los Angeles Regional Water Quality Control Board, File Review Request, December 2004.
- Munger Oil Information Service, Inc., Munger Map Book, California – Alaska Oil and Gas Fields, 2003, Review, December 2004.
- South Coast Air Quality Management District (AQMD), File Review Request, December 2004.
- The California Department of Conservation and Geothermal Resources, Regional Wildcat Map W1-2 Los Angeles and Ventura Counties, August 2003.
- United States Geological Survey, 7.5-Minute Topographic Quadrangle, Pasadena, California, 1966, photorevised 1988.



## 12.0 List of Preparers

---

### **Norman S. Eke**

Senior Vice President/Managing Officer

B.A., Liberal Studies, Environmental Studies Emphasis, University of California, Santa Barbara, 1988

Cal-EPA Registered Environmental Assessor, #05654

Cal-OSHA Certified Asbestos Consultant, #96-2093

Managing Officer of the southern California environmental offices of Converse Consultants. Mr. Eke has 14 years of experience of conducting Phase I & II Environmental Site Assessments, asbestos surveys, emergency response, hazardous waste transportation, and hazardous materials management. Current duties include managing Converse's three environmental offices.

Principal area of responsibility for this ESA report: Quality Control and Technical Review.

### **Scott M. Nunes**

Project Manager

B.S., Geography/Ecosystems, University of California, Los Angeles, CA

Registered Hazardous Substances Professional (RHSP)

Certified Hazardous Materials Manager (CHMM)

Registered Environmental Manager (REM)

CAL-DHS Certified Lead-Related Inspector/Assessor

Cal-EPA Registered Environmental Assessor, #05227

Cal-OSHA Certified Asbestos Consultant, #92-0547

Project Manager of the Phase I Environmental Site Assessment Department. Mr. Nunes has 15 years experience in the conducting Phase I ESAs, Asbestos Surveys, Lead-Based Paint Surveys, as well as hazardous material audits, completing business plans, and AQMD permitting. Current duties at Converse include project management, business development, and conducting/managing ESAs.

Principal area of responsibility for this ESA report: Project Management and Technical Review.



**Cindy Cheung-Wheatley**

Senior Staff Engineer

Bachelor of Engineering (Environmental)  
University of Queensland  
Brisbane, Australia, 2000

OSHA 40Hr-Hazwoper, May 2003

Ms. Cheung-Wheatley has conducted Phase I and II ESAs and Transaction Screens on undeveloped land to industrial facilities throughout southern California. She has also performed soil sampling, groundwater sampling, soil-vapor extraction, hazardous waste determinations, air monitoring, and walk-through building inspections. She has also supervised various hazardous waste abatement/remediation projects.

Principal area of responsibility for this ESA report: Research, Property Reconnaissance, and Report Generation.



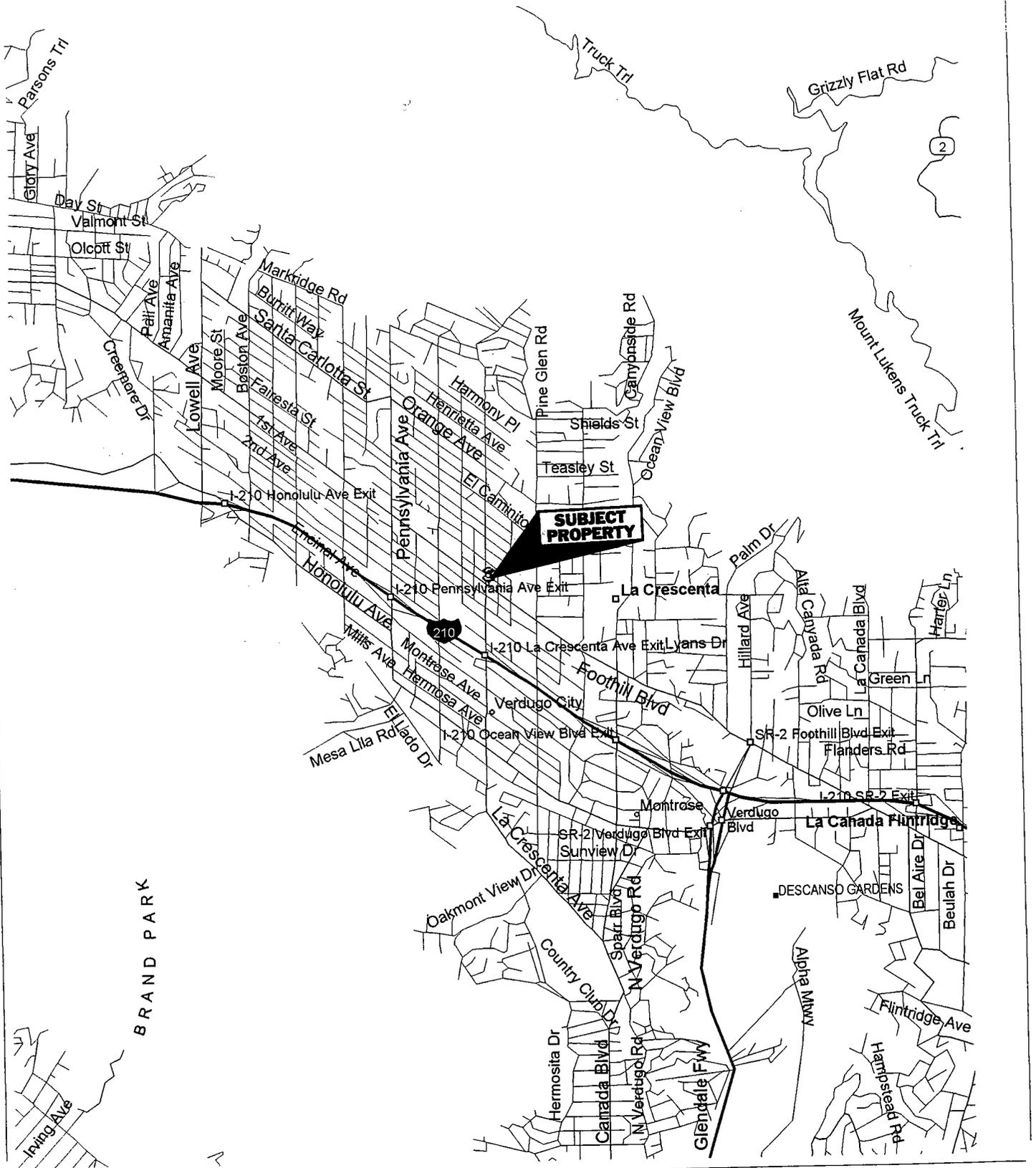
Converse Consultants

CCIENT\OFFICE\JOBFILE\2004\16\04-266\04266-01\_esa

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**Property  
Plan**

# ***Appendix A***



**Area Map**



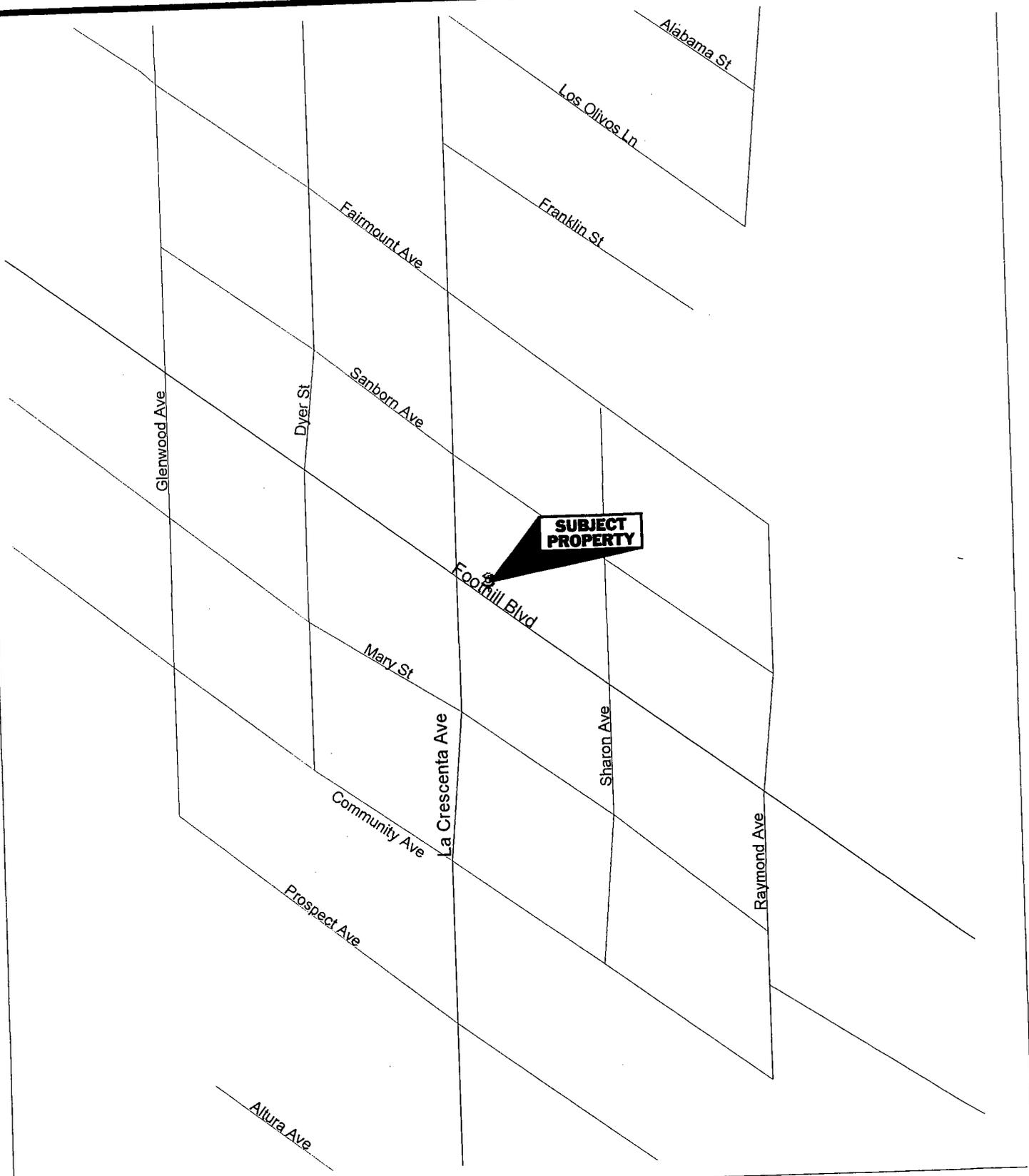
Client: Client: David Evans and Associates, Inc.  
 2801 and 2813 Foothill Boulevard, La Crescenta, California

Project No  
 04-16-266-01

**FIGURE 1**



**Converse Consultants**



**Vicinity Map**



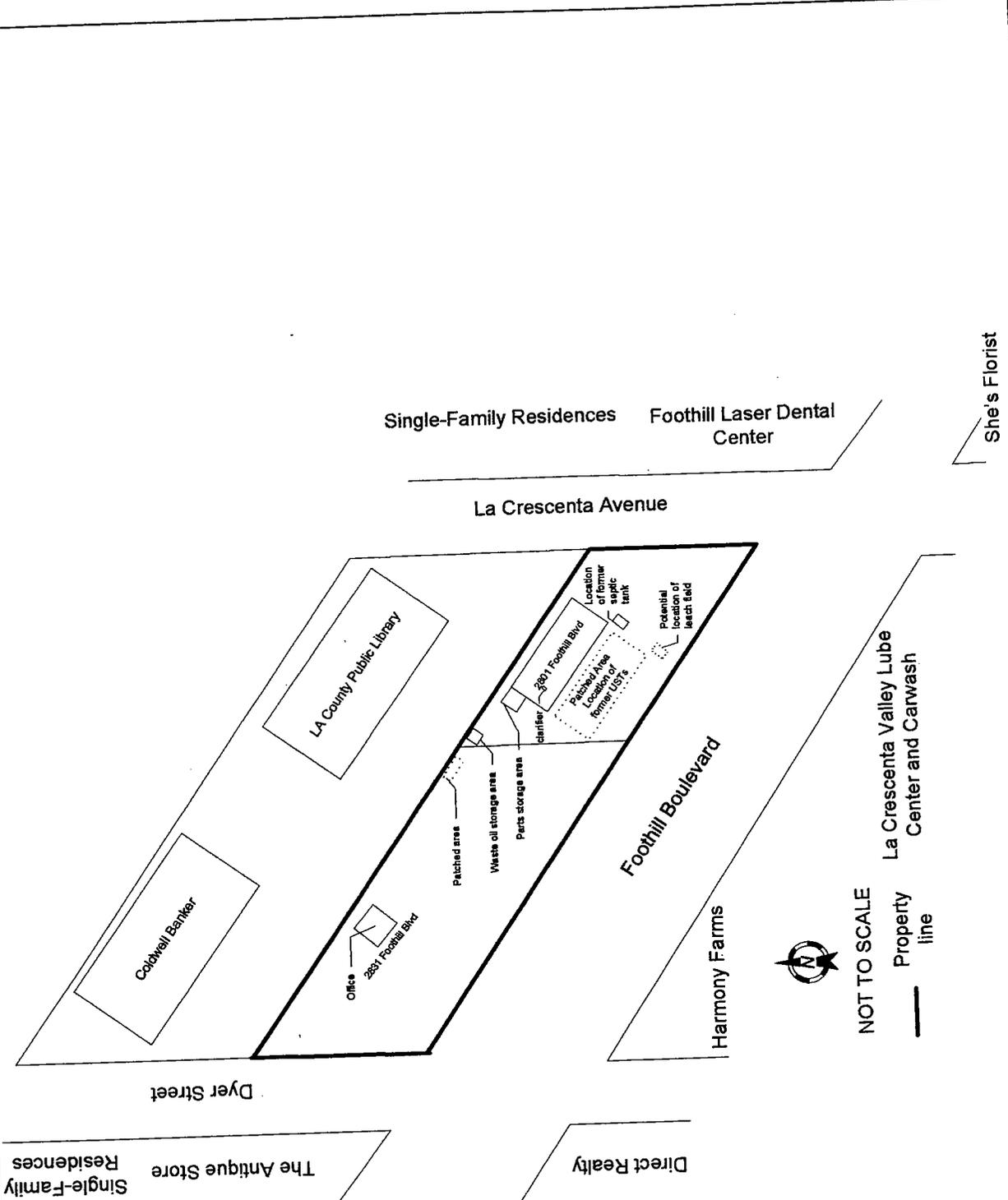
Client: Client: David Evans and Associates, Inc.  
2801 and 2813 Foothill Boulevard, La Crescenta, California

Project No  
04-16-266-01



**Converse Consultants**

FIGURE 2



Project No.  
04-16-266-01

**Property Map**

Client: David Evans and Associates, Inc.  
2801 and 2813 Foothill Boulevard, La Crescenta, California

FIGURE 3

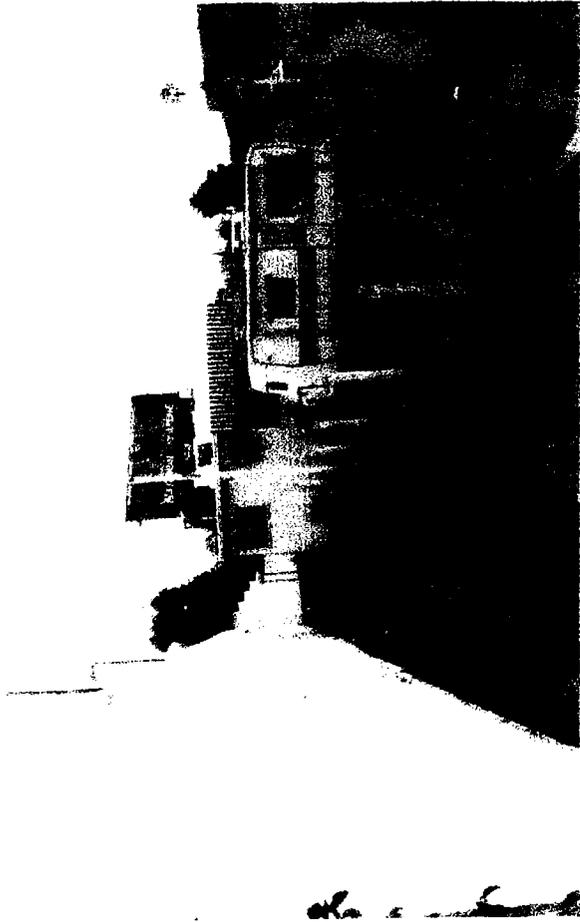


**Converse Consultants**

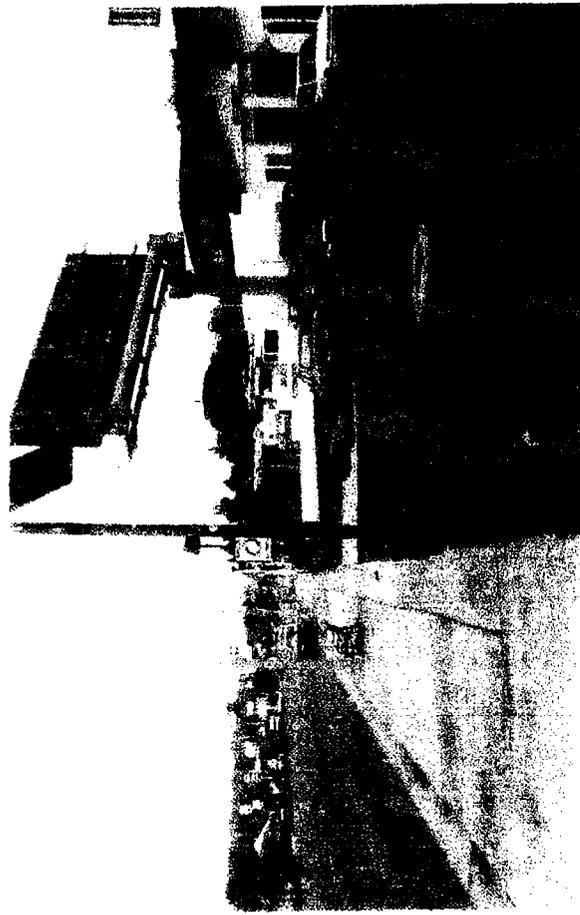
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**Pertinent Property  
Photographs**

***Appendix B***



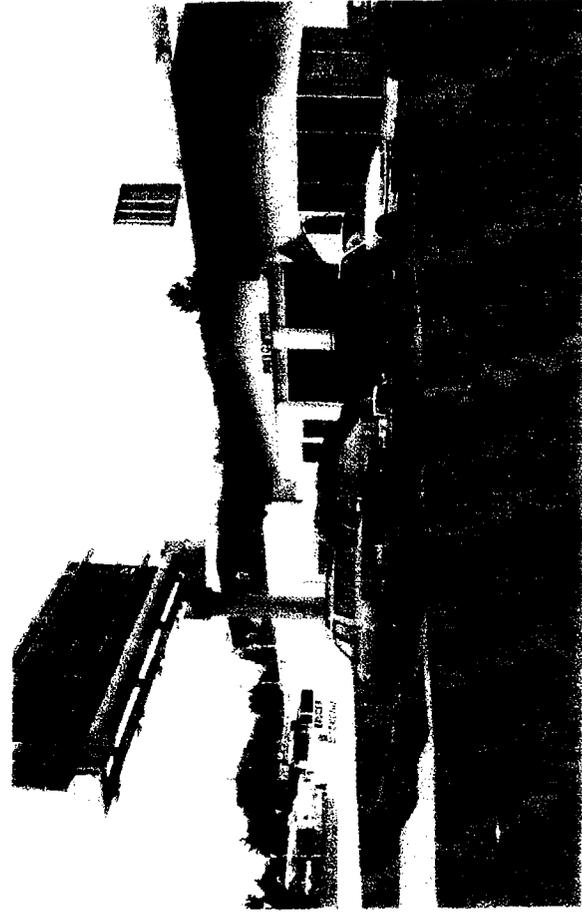
1. View of the northern boundary line



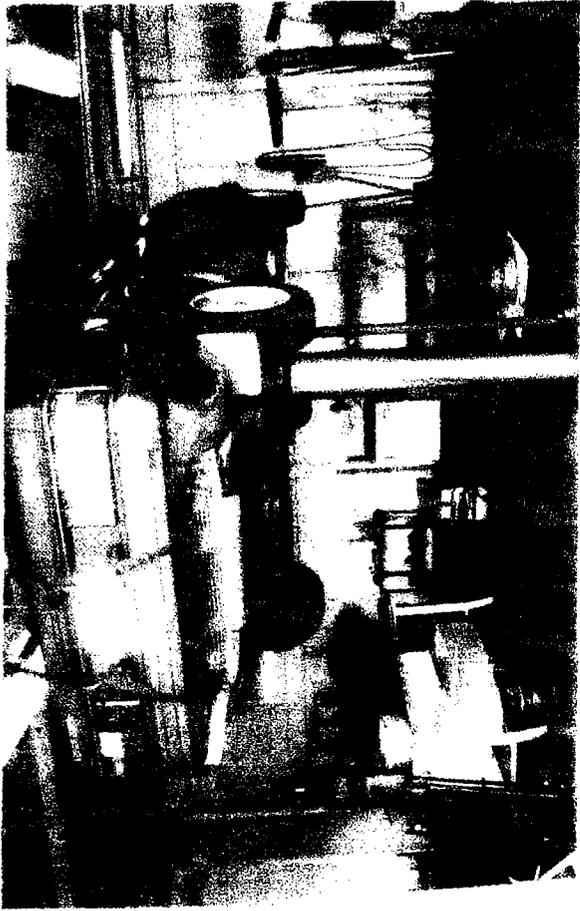
2. View of the southern boundary line



3. Another view of the southern boundary line



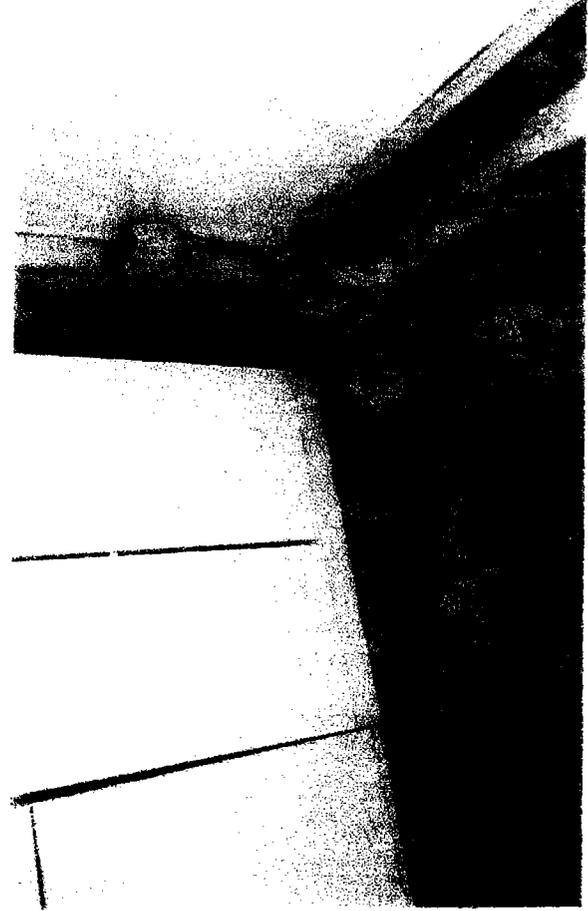
4. View of the eastern boundary line



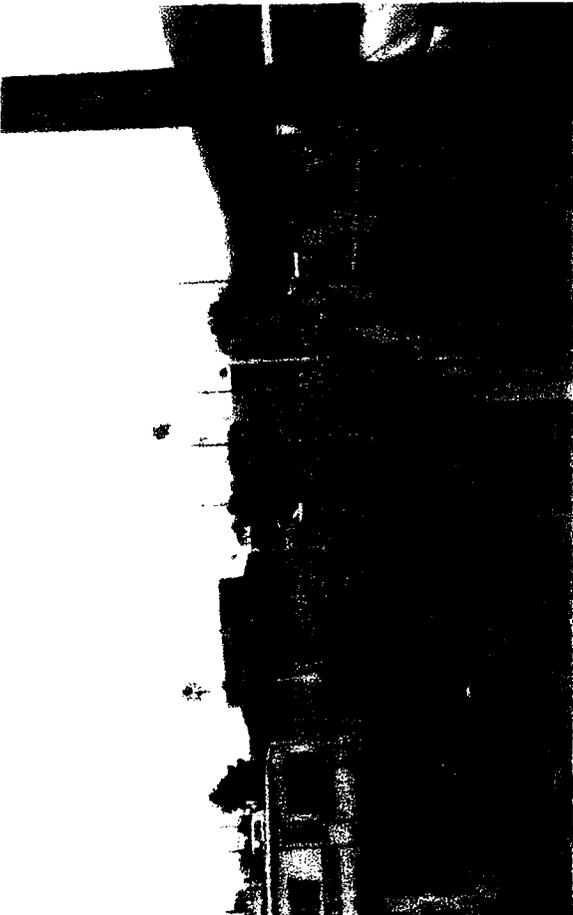
6. View of one of the hydraulic hoists located at 2801 Foothill Blvd.



7. View of the clarifier



9. View within the service bay



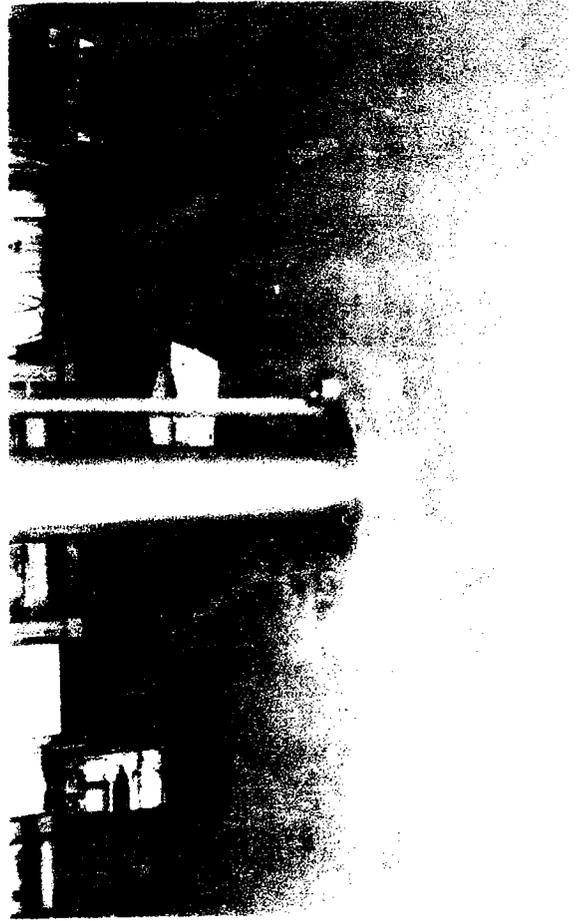
5. View of the western boundary line



10. View within the office located at 2801 Foothill Blvd



11. View of one of the plugged floor drains in the service bay



12. Another view of one of the hydraulic hoists



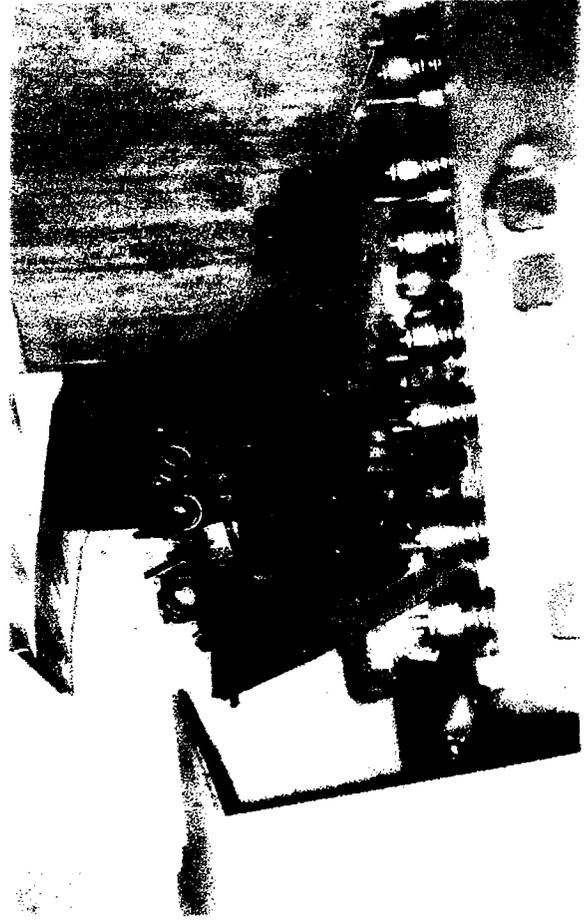
13. View of the drums of adsorbent located within the service bay



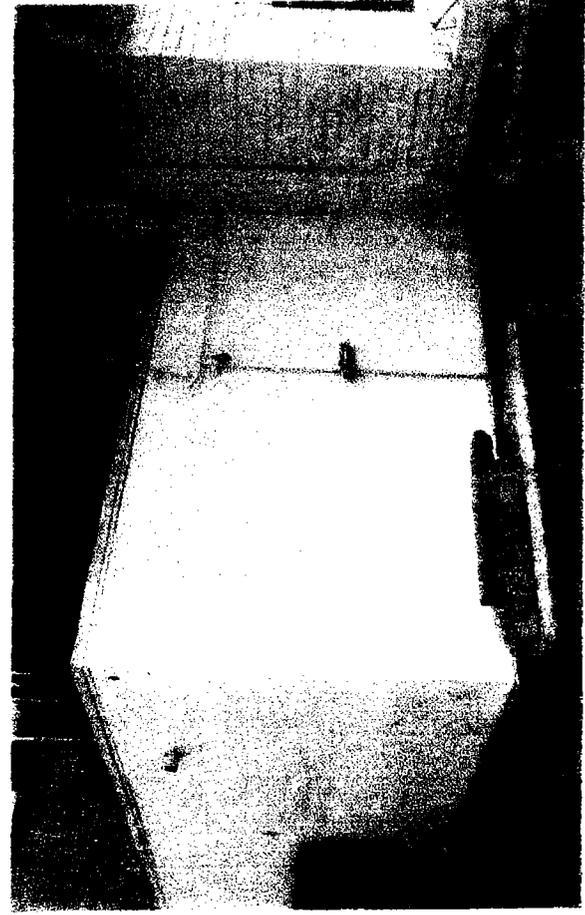
14. View of the metal storage area, where the waste oil and waste oil filters are kept



15. View of the miscellaneous auto-related items located within the parts storage area



16. View of the auto-related items in the parts storage area



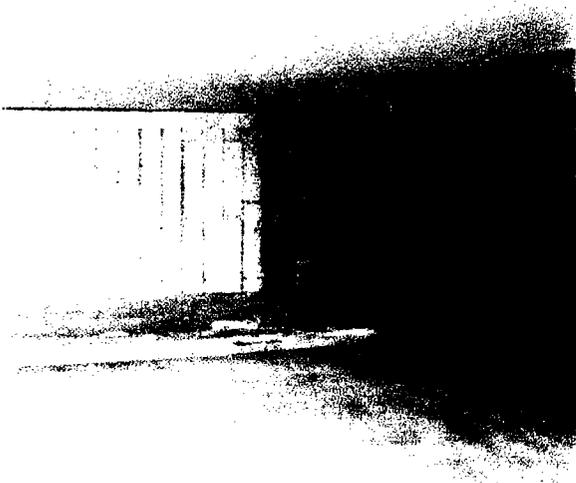
17. View of the parts storage area



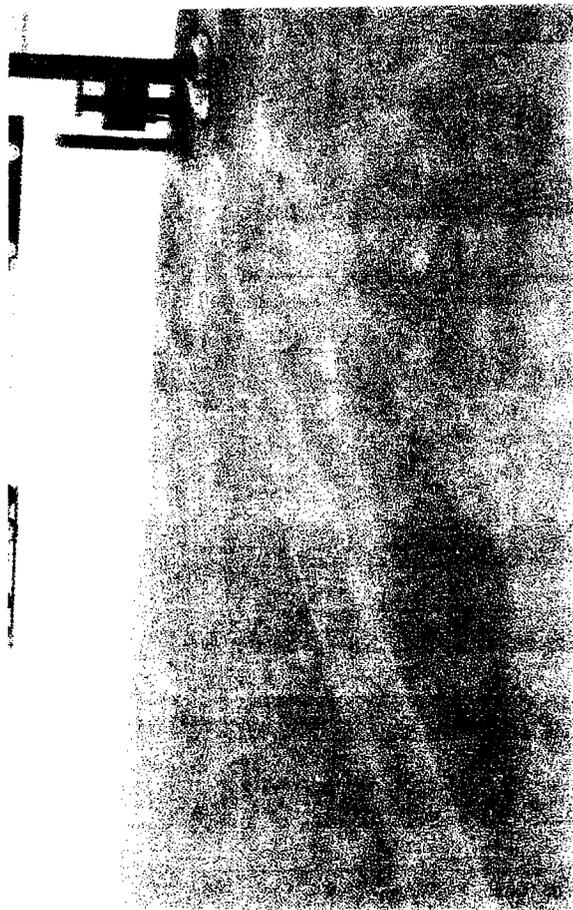
19. View of the vent pipes



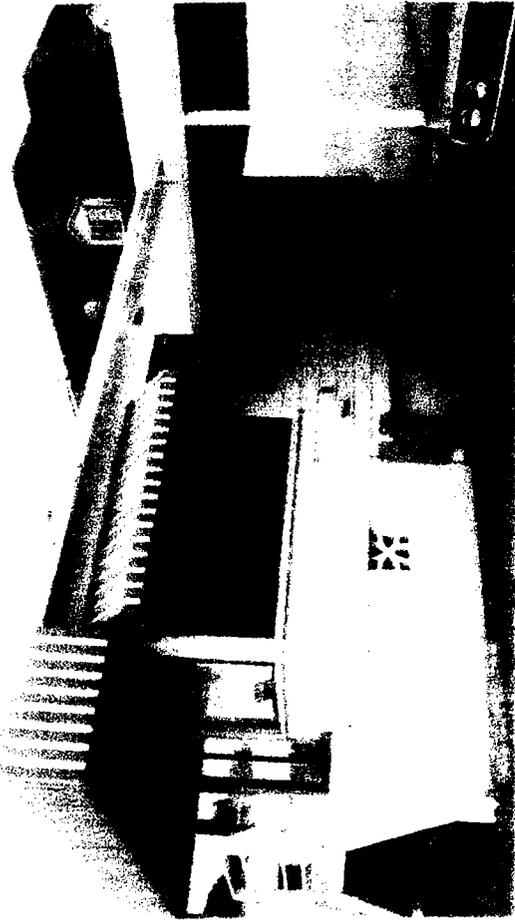
20. View of the patched asphalt and concrete, located at 2801 Foothill Blvd



18. View of the standing water (from rain)



21. View of the patched asphalt leading towards Foothill Blvd



22. View of the office building located at 2813 Foothill Blvd



23. View of the antique Mobil Oil containers located at 2813 Foothill Blvd



24. View of the patched asphalt, located at 2813 Foothill Blvd

---

**EDR-Radius Map  
Report**

***Appendix C***



**EDR™** Environmental  
Data Resources Inc

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

**2801 and 2813 Foothill Blvd  
2801 Foothill Blvd  
La Crescenta, CA 91214**

**Inquiry Number: 01319891.1r**

**December 06, 2004**

## **The Standard in Environmental Risk Management Information**

**440 Wheelers Farms Road  
Milford, Connecticut 06460**

### **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

2801 FOOTHILL BLVD  
LA CRESCENTA, CA 91214

#### COORDINATES

Latitude (North): 34.224100 - 34° 13' 26.8"  
Longitude (West): 118.239900 - 118° 14' 23.6"  
Universal Tranverse Mercator: Zone 11  
UTM X (Meters): 385793.6  
UTM Y (Meters): 3787504.0  
Elevation: 1578 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 34118-B2 PASADENA, CA  
Source: USGS 7.5 min quad index

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
BRUCE'S AUTOMOTIVE 2801 FOOTHILL BLVD LA CRESCENTA, CA 91214	HAZNET	N/A
AUTOMOTIVE SPECIALTIES 2801 FOOTHILL BLVD LA CRESCENTA, CA 91214	HIST UST	N/A

### 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

Proposed NPL..... Proposed National Priority List Sites

## EXECUTIVE SUMMARY

CERC-NFRAP.....	CERCLIS No Further Remedial Action Planned
CORRACTS.....	Corrective Action Report
RCRA-TSDF.....	Resource Conservation and Recovery Act Information
RCRA-LQG.....	Resource Conservation and Recovery Act Information
ERNS.....	Emergency Response Notification System

### STATE ASTM STANDARD

CHMIRS.....	California Hazardous Material Incident Report System
Notify 65.....	Proposition 65 Records
Toxic Pits.....	Toxic Pits Cleanup Act Sites
SWF/LF.....	Solid Waste Information System
WMUDS/SWAT.....	Waste Management Unit Database
CA BOND EXP. PLAN.....	Bond Expenditure Plan
UST.....	List of Underground Storage Tank Facilities
VCP.....	Voluntary Cleanup Program Properties
INDIAN UST.....	Underground Storage Tanks on Indian Land
INDIAN LUST.....	Leaking Underground Storage Tanks on Indian Land
CA FID UST.....	Facility Inventory Database

### FEDERAL ASTM SUPPLEMENTAL

CONSENT.....	Superfund (CERCLA) Consent Decrees
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
UMTRA.....	Uranium Mill Tailings Sites
ODI.....	Open Dump Inventory
FUDS.....	Formerly Used Defense Sites
DOD.....	Department of Defense Sites
INDIAN RESERV.....	Indian Reservations
RAATS.....	RCRA Administrative Action Tracking System
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
SSTS.....	Section 7 Tracking Systems
FTTS INSP.....	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
CA WDS.....	Waste Discharge System
DEED.....	List of Deed Restrictions
NFE.....	Properties Needing Further Evaluation
SCH.....	School Property Evaluation Program
EML.....	Emissions Inventory Data
REF.....	Unconfirmed Properties Referred to Another Agency
NFA.....	No Further Action Determination
LOS ANGELES CO. HMS.....	HMS: Street Number List
LA Co. Site Mitigation.....	Site Mitigation List

# EXECUTIVE SUMMARY

AOCONCERN..... San Gabriel Valley Areas of Concern

## EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas..... Former Manufactured Gas (Coal Gas) Sites

## BROWNFIELDS DATABASES

US BROWNFIELDS..... A Listing of Brownfields Sites  
VCP..... Voluntary Cleanup Program Properties

## SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

## FEDERAL ASTM STANDARD

**NPL:** Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 07/30/2004 has revealed that there is 1 NPL site 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><i>SAN FERNANDO VALLEY (AREA 3)</i></b>	<b><i>GLORIETTA WELLFIELD ARE</i></b>	<b><i>1/8 - 1/4SW</i></b>	<b><i>0</i></b>	<b><i>8</i></b>

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

A review of the CERCLIS list, as provided by EDR, and dated 08/10/2004 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b><i>SAN FERNANDO VALLEY (AREA 3)</i></b>	<b><i>GLORIETTA WELLFIELD ARE</i></b>	<b><i>1/8 - 1/4SW</i></b>	<b><i>0</i></b>	<b><i>8</i></b>

## EXECUTIVE SUMMARY

**RCRAInfo:** RCRAInfo is EPA's comprehensive information system, providing access to data supporting and Recovery Act ( RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 08/10/2004 has revealed that there are 5 RCRA-SQG sites 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>
<i>DRY CLEAN USA</i>	<i>2770 FOOTHILL BLVD</i>	<i>0 - 118 SE</i>	<i>B4</i>	<i>13</i>
<i>HIGHTOWER TOYOTA INC BODY SHOP</i>	<i>2851 FOOTHILL BLVD</i>	<i>0 - 118 NW</i>	<i>C7</i>	<i>14</i>
<i>VINCE DICKS SERVICE CENTER</i>	<i>2865 FOOTHILL BLVD</i>	<i>0 - 118 NW</i>	<i>C8</i>	<i>15</i>
<i>CRESCENTA VALLEY CIS</i>	<i>2866 FOOTHILL BLVD</i>	<i>0 - 118 NW</i>	<i>C9</i>	<i>15</i>
<i>TOMMY S VERKSTAT</i>	<i>2869 FOOTHILL BLVD</i>	<i>0 - 118 NW</i>	<i>11</i>	<i>16</i>

### STATE ASTM STANDARD

**AWP:** California DTSC's Annual Workplan, formerly known as BEP, identifies known hazardous substance sites targeted for cleanup. The source is the California Environmental Protection Agency.

A review of the AWP list, as provided by EDR, and dated 10/05/2004 has revealed that there is 1 AWP site 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>
<i>SAN FERNANDO VALLEY (AREA 3)</i>	<i>GLORIETTA WELLFIELD ARE</i>	<i>118 - 114SW</i>	<i>0</i>	<i>8</i>

**CAL-SITES:** Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control.

A review of the Cal-Sites list, as provided by EDR, has revealed that there is 1 Cal-Sites site 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>
<i>SAN FERNANDO VALLEY (AREA 3)</i>	<i>GLORIETTA WELLFIELD ARE</i>	<i>118 - 114SW</i>	<i>0</i>	<i>8</i>

**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 4 Cortese sites within

## EXECUTIVE SUMMARY

approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>SAN FERNANDO VALLEY (AREA 3) WORTMANN OIL CO INC</b>	<b>GLORIETTA WELLFIELD ARE 3044 FOOTHILL BLVD</b>	<b>1/8 - 1/4 SW</b>	<b>0</b>	<b>8</b>
		<b>1/4 - 1/2 NW</b>	<b>14</b>	<b>18</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>CRESCENTA VALLEY TOW ONE STOP CLEANERS</b>	<b>4456 CLOUD AVE 3115 FOOTHILL BLVD</b>	<b>1/4 - 1/2 WNW</b>	<b>15</b>	<b>23</b>
		<b>1/4 - 1/2 NW</b>	<b>D16</b>	<b>26</b>

**LUST:** The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 10/13/2004 has revealed that there are 3 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>WORTMANN OIL CO INC</b>	<b>3044 FOOTHILL BLVD</b>	<b>1/4 - 1/2 NW</b>	<b>14</b>	<b>18</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>CRESCENTA VALLEY TOW ONE STOP CLEANERS</b>	<b>4456 CLOUD AVE 3115 FOOTHILL BLVD</b>	<b>1/4 - 1/2 WNW</b>	<b>15</b>	<b>23</b>
		<b>1/4 - 1/2 NW</b>	<b>D16</b>	<b>26</b>

**HIST UST:** Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST 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>S &amp; DAIRY</b>	<b>2660 FOOTHILL BLVD</b>	<b>1/8 - 1/4 SE</b>	<b>12</b>	<b>17</b>

### FEDERAL ASTM SUPPLEMENTAL

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

A review of the ROD list, as provided by EDR, has revealed that there is 1 ROD site 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>SAN FERNANDO VALLEY (AREA 3)</b>	<b>GLORIETTA WELLFIELD ARE</b>	<b>1/8 - 1/4 SW</b>	<b>0</b>	<b>8</b>

## EXECUTIVE SUMMARY

### STATE OR LOCAL ASTM SUPPLEMENTAL

**DRYCLEANERS:** 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 cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the CLEANERS list, as provided by EDR, has revealed that there are 2 CLEANERS sites 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>
DRY CLEANERS PLUS	2770 FOOTHILL BLVD	0 - 1/8 SE	B6	13
CRESENTA VALLEY CLEANERS	2866 FOOT HILL BLVD	0 - 1/8 NW	C10	16

**CA SLIC:** SLIC Region comes from the California Regional Water Quality Control Board.

A review of the CA SLIC list, as provided by EDR, has revealed that there are 4 CA SLIC sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
DRYCLEANERS PLUS	2770 FOOTHILL BLVD.	0 - 1/8 SE	B5	13
CRESCENT JEWELERY	2629 1/2 FOOTHILL BLVD.	1/4 - 1/2SE	13	18
<b>ONE STOP CLEANERS</b>	<b>3115 FOOTHILL BLVD</b>	<b>1/4 - 1/2NW</b>	<b>D16</b>	<b>26</b>
ONE STOP CLEANER	3115 FOOTHILL	1/4 - 1/2NW	D17	30

## EXECUTIVE SUMMARY

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

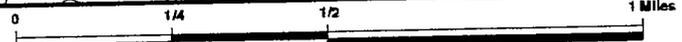
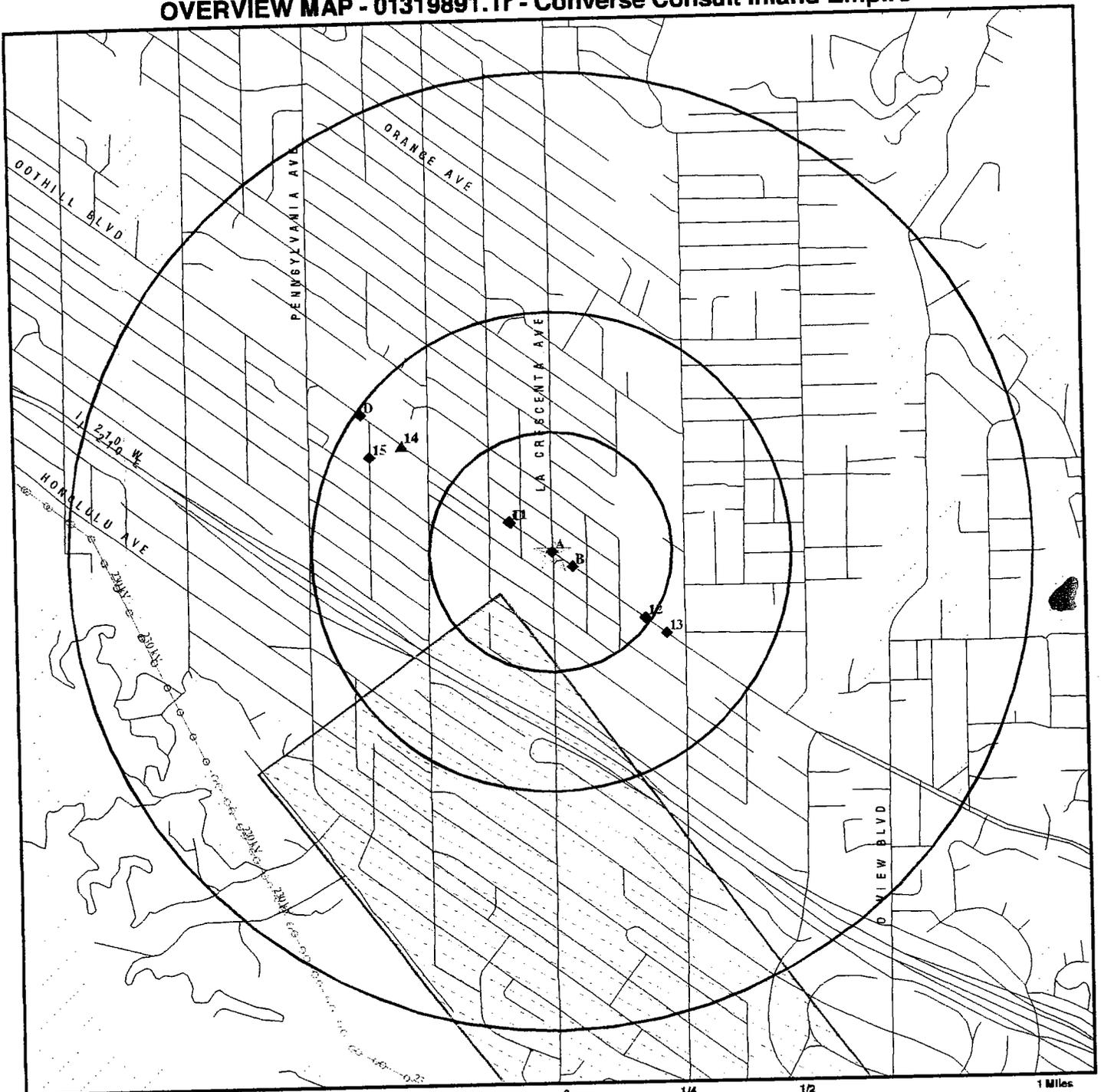
Site Name

BUILDING #8 LONG BEACH NAVAL  
SERGE'S AUTOMOTIVE  
S&J DAIRY  
TOSCO/UNOCAL #31117  
E 210 FOOTHILL FREEWAY  
HI START AUTO SALE

Database(s)

LUST, CHMIRS  
LUST, LOS ANGELES CO. HMS  
UST  
UST  
ERNS  
CA SLIC

# OVERVIEW MAP - 01319891.1r - Converse Consult Inland Empire

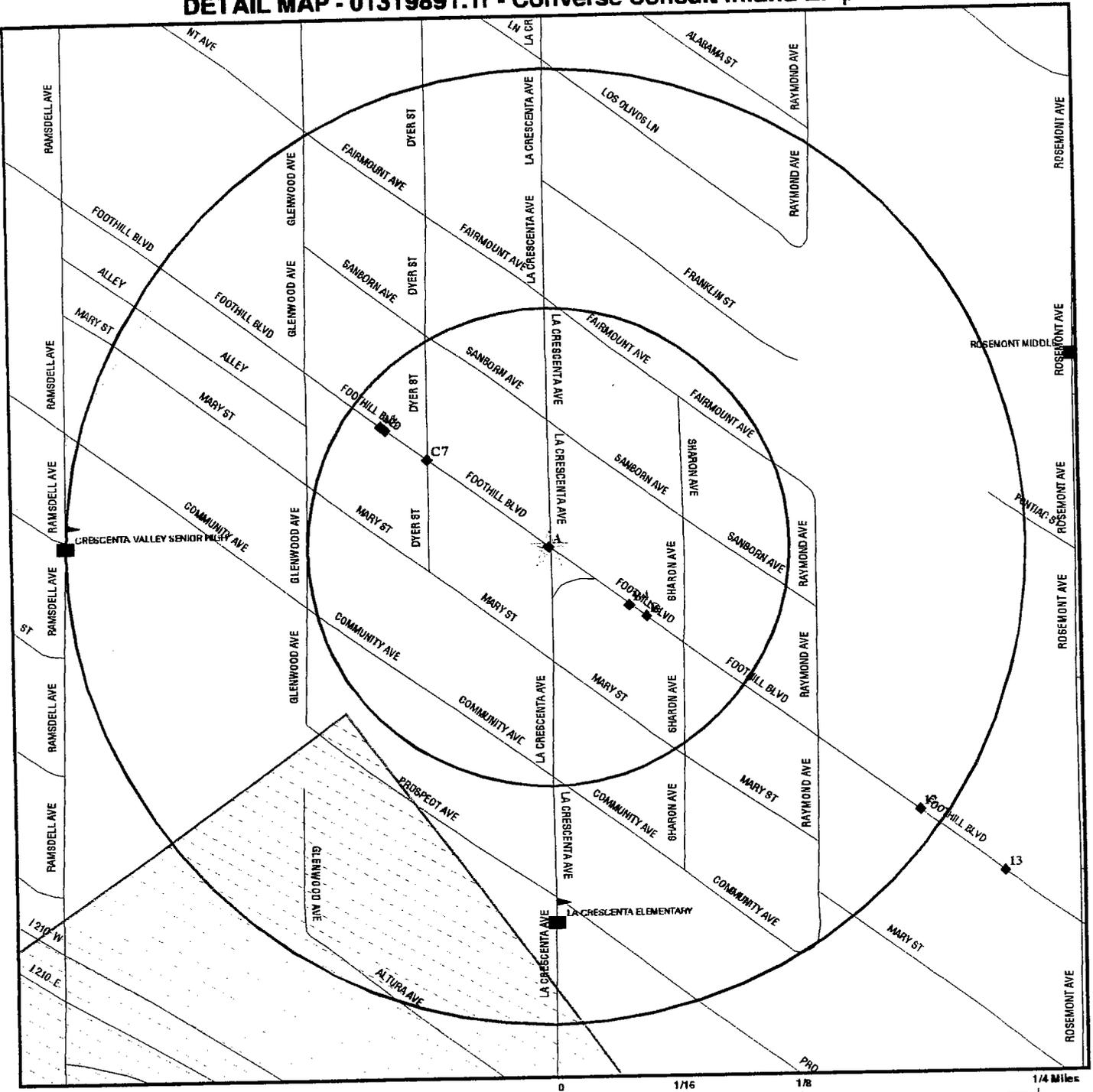


- \* Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern



<p><b>TARGET PROPERTY:</b> 2801 and 2813 Foothill Blvd  <b>ADDRESS:</b> 2801 Foothill Blvd  <b>CITY/STATE/ZIP:</b> La Crescenta CA 91214  <b>LAT/LONG:</b> 34.2241 / 118.2399</p>	<p><b>CUSTOMER:</b> Converse Consult Inland Empire  <b>CONTACT:</b> Cindy Wheatley  <b>INQUIRY #:</b> 01319891.1r  <b>DATE:</b> December 06, 2004 9:45 am</p>
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# DETAIL MAP - 01319891.1r - Converse Consult Inland Empire



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- ▨ Indian Reservations BIA
- ▨ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- ▨ Areas of Concern

<b>TARGET PROPERTY:</b> 2801 and 2813 Foothill Blvd <b>ADDRESS:</b> 2801 Foothill Blvd <b>CITY/STATE/ZIP:</b> La Crescenta CA 91214 <b>LAT/LONG:</b> 34.2241 / 118.2399	<b>CUSTOMER:</b> Converse Consult Inland Empire <b>CONTACT:</b> Cindy Wheatley <b>INQUIRY #:</b> 01319891.1r <b>DATE:</b> December 06, 2004 9:46 am
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## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>FEDERAL ASTM STANDARD</u></b>								
NPL		1.000	0	1	0	0	NR	1
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	1	0	NR	NR	1
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	5	0	NR	NR	NR	5
ERNS		TP	NR	NR	NR	NR	NR	0
<b><u>STATE ASTM STANDARD</u></b>								
AWP		1.000	0	1	0	0	NR	1
Cal-Sites		1.000	0	1	0	0	NR	1
CHMIRS		TP	NR	NR	NR	NR	NR	0
Cortese		0.500	0	1	3	NR	NR	4
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	3	NR	NR	3
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
UST		0.250	0	0	NR	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
CA FID UST		0.250	0	0	NR	NR	NR	0
HIST UST	X	0.250	0	1	NR	NR	NR	1
<b><u>FEDERAL ASTM SUPPLEMENTAL</u></b>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	1	0	0	NR	1
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
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
FUDS		1.000	0	0	0	0	NR	0
DOD		1.000	0	0	0	0	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	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
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		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	2	0	NR	NR	NR	2
CA WDS		TP	NR	NR	NR	NR	NR	0
DEED		TP	NR	NR	NR	NR	NR	0
NFE		0.250	0	0	NR	NR	NR	0
SCH		0.250	0	0	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
REF		0.250	0	0	NR	NR	NR	0
NFA		0.250	0	0	NR	NR	NR	0
SLIC		0.500	1	0	3	NR	NR	4
HAZNET	X	TP	NR	NR	NR	NR	NR	0
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
<b><u>EDR PROPRIETARY HISTORICAL DATABASES</u></b>								
Coal Gas		1.000	0	0	0	0	NR	0
<b><u>BROWNFIELDS DATABASES</u></b>								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0

**NOTES:**

AQUIFLOW - see EDR Physical Setting Source Addendum

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

A1  
Target  
Property

**BRUCE'S AUTOMOTIVE**  
**2801 FOOTHILL BLVD**  
**LA CRESCENTA, CA 91214**

HAZNET S103953456  
N/A

Site 1 of 3 In cluster A

Actual:  
1576 ft.

HAZNET:

Gepaid: CAL000040787  
TSD EPA ID: CAT080013352  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: .7505  
Waste Category: Aqueous solution with 10% or more total organic residues  
Disposal Method: Recycler  
Contact: BARTELS BRUCE  
Telephone: (000) 000-0000  
Mailing Address: 2801 FOOTHILL BLVD  
LA CRESCENTA, CA 91214  
County Los Angeles

Gepaid: CAL000040787  
TSD EPA ID: CAT080013352  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: .3753  
Waste Category: Aqueous solution with 10% or more total organic residues  
Disposal Method: Recycler  
Contact: BARTELS BRUCE  
Telephone: (000) 000-0000  
Mailing Address: 2801 FOOTHILL BLVD  
LA CRESCENTA, CA 91214  
County Los Angeles

Gepaid: CAL000040787  
TSD EPA ID: CAT080013352  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: .1876  
Waste Category: Aqueous solution with 10% or more total organic residues  
Disposal Method: Recycler  
Contact: BARTELS BRUCE  
Telephone: (000) 000-0000  
Mailing Address: 2801 FOOTHILL BLVD  
LA CRESCENTA, CA 91214  
County Los Angeles

Gepaid: CAL000040787  
TSD EPA ID: CAT080013352  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: .2293  
Waste Category: Aqueous solution with 10% or more total organic residues  
Disposal Method: Recycler  
Contact: BARTELS BRUCE  
Telephone: (000) 000-0000  
Mailing Address: 2801 FOOTHILL BLVD  
LA CRESCENTA, CA 91214

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

**BRUCE'S AUTOMOTIVE (Continued)**

**S103953456**

County Los Angeles  
Gepaid: CAL000040787  
TSD EPA ID: CAD093459485  
Gen County: Los Angeles  
Tsd County: Fresno  
Tons: .0332  
Waste Category: Unspecified solvent mixture Waste  
Disposal Method: Transfer Station  
Contact: BARTELS BRUCE  
Telephone: (000) 000-0000  
Mailing Address: 2801 FOOTHILL BLVD  
LA CRESCENTA, CA 91214  
County Los Angeles

Click this hyperlink while viewing on your computer to access  
3 additional CA HAZNET record(s) in the EDR Site Report.

**A2**  
**Target**  
**Property**

**AUTOMOTIVE SPECIALTIES**  
**2801 FOOTHILL BLVD**  
**LA CRESCENTA, CA 91214**

**HIST UST U001567036**  
**N/A**

**Actual:**  
**1576 ft.**

**Site 2 of 3 in cluster A**

**UST HIST:**

Facility ID: 50498  
Total Tanks: 5  
Owner Address: 5471 LA FOREST DR.  
LA CANADA, CA 91011  
Tank Used for: PRODUCT  
Tank Num: 1  
Tank Capacity: 00004000  
Type of Fuel: UNLEADED  
Leak Detection: None  
Contact Name: JOHN W. KLINE  
Facility Type: Gas Station

Owner Name: MRS. PETER R. PAOLA  
Region: STATE

Container Num: 1  
Year Installed: Not reported  
Tank Construction: Not Reported

Telephone: (818) 957-1763  
Other Type: Not reported

Facility ID: 50498  
Total Tanks: 5  
Owner Address: 5471 LA FOREST DR.  
LA CANADA, CA 91011  
Tank Used for: WASTE  
Tank Num: 2  
Tank Capacity: 00000000  
Type of Fuel: WASTE OIL  
Leak Detection: None  
Contact Name: JOHN W. KLINE  
Facility Type: Gas Station

Owner Name: MRS. PETER R. PAOLA  
Region: STATE

Container Num: 5  
Year Installed: Not reported  
Tank Construction: Not Reported

Telephone: (818) 957-1763  
Other Type: Not reported

Facility ID: 50498  
Total Tanks: 5  
Owner Address: 5471 LA FOREST DR.  
LA CANADA, CA 91011  
Tank Used for: PRODUCT  
Tank Num: 3  
Tank Capacity: 00008000  
Type of Fuel: UNLEADED  
Leak Detection: None  
Contact Name: JOHN W. KLINE

Owner Name: MRS. PETER R. PAOLA  
Region: STATE

Container Num: 4  
Year Installed: Not reported  
Tank Construction: Not Reported

Telephone: (818) 957-1763

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

MAP FINDINGS

Database(s) EDR ID Number  
 EPA ID Number

**AUTOMOTIVE SPECIALTIES (Continued)**

**U001567036**

Facility Type:	Gas Station	Other Type:	Not reported
Facility ID:	50498	Owner Name:	MRS. PETER R. PAOLA
Total Tanks:	5	Region:	STATE
Owner Address:	5471 LA FOREST DR. LA CANADA, CA 91011		
Tank Used for:	PRODUCT	Container Num:	3
Tank Num:	4	Year Installed:	Not reported
Tank Capacity:	00006000	Tank Construction:	Not Reported
Type of Fuel:	REGULAR	Telephone:	(818) 957-1763
Leak Detection:	None	Other Type:	Not reported
Contact Name:	JOHN W. KLINE	Owner Name:	MRS. PETER R. PAOLA
Facility Type:	Gas Station	Region:	STATE
Facility ID:	50498		
Total Tanks:	5		
Owner Address:	5471 LA FOREST DR. LA CANADA, CA 91011		
Tank Used for:	PRODUCT	Container Num:	2
Tank Num:	5	Year Installed:	Not reported
Tank Capacity:	00004000	Tank Construction:	Not Reported
Type of Fuel:	REGULAR	Telephone:	(818) 957-1763
Leak Detection:	None	Other Type:	Not reported
Contact Name:	JOHN W. KLINE		
Facility Type:	Gas Station		

**NPL  
 Region  
 SW  
 1/8-1/4  
 718 ft.**

**SAN FERNANDO VALLEY (AREA 3)  
 GLORIETTA WELLFIELD AREA  
 GLENDALE, CA 91209**

**Cal-Sites 1000710136  
 CERCLIS CAD980894984  
 FINDS  
 NPL  
 Cortese  
 AWP  
 ROD**

**CERCLIS Classification Data:**

Site incident category:	Not reported	Federal Facility:	Not a Federal Facility
Non NPL Status:	Not reported	NPL Status:	Currently on the Final NPL
Ownership Status:	Mixed Ownership	Contact Tel:	(415) 972-3183
Contact:	Elizabeth Adams	Contact Tel:	(415) 972-3094
Contact Title:	Not reported		
Contact:	Jere Johnson		
Contact Title:	Not reported		
Site Description:	SAN FERNANDO #3 IS AN AREA OF CONTAM GRD WTR IN VICINITY OF GLORIETTA WELL FLD IN GLENDALE,CA.AREA IS PART OF SAN FERNANVLY BASIN,A NATURAL UNDGRD RESERVOIR TAHT IS SOURCE OF DRK WTR FOR 3 MIL.CONTAM WITH TCE & PCE.		

**CERCLIS Assessment History:**

Assessment:	DISCOVERY	Completed:	12/01/1983
Assessment:	PRELIMINARY ASSESSMENT	Completed:	04/01/1984
Assessment:	SITE INSPECTION	Completed:	04/01/1984
Assessment:	HRS PACKAGE	Completed:	04/01/1984
Assessment:	PROPOSAL TO NPL	Completed:	10/15/1984
Assessment:	NPL RP SEARCH	Completed:	08/15/1985
Assessment:	FINAL LISTING ON NPL	Completed:	06/10/1986
Assessment:	REMOVAL ASSESSMENT	Completed:	08/17/1991
Assessment:	REMEDIAL INVESTIGATION	Completed:	12/31/1992
Assessment:	RECORD OF DECISION	Completed:	02/24/2004
Assessment:	COMBINED RI/FS	Completed:	02/24/2004

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

EDR ID Number  
 EPA ID Number  
 Database(s)

1000710136

**SAN FERNANDO VALLEY (AREA 3) (Continued)**

CERCLIS Site Status:  
 Not reported

CERCLIS Alias Name(s):  
 SAN FERNANDO VLY BASIN - GLORIETTA AREA  
 LA CRESCENTA OPERABLE UNIT  
 SAN FERNANDO VALLEY (AREA 3)

NPL:  
 EPA ID: CAD980894984  
 Region: 09  
 Federal: General  
 Final Date: 06/10/1986

NPL SUMMARY:  
 Summary :

Conditions at proposal (October 15, 1984): San Fernando Valley Area 3) is an area of contaminated ground water in the vicinity of the Glorietta Well Field in the City of Glendale, Los Angeles County, California. This area is part of the San Fernando Valley Basin, a natural underground reservoir that represents an important source of drinking water for at least 3 million people in the Los Angeles metropolitan area. The contaminated ground water, which underlies an area of approximately 5,200 acres, contains trichloroethylene (TCE) and perchloroethylene (PCE), according to tests conducted by the California Department of Health Services, as well as numerous local government agencies. The State's recommended drinking water guidelines for TCE and PCE (5 and 4 parts per billion respectively) are exceeded in a number of public wells in this area. To alleviate this contamination, wells are either taken out of service or blended with water from clean sources to ensure that the public receives water with TCE/PCE concentrations below the State's guidelines. Status June 10, 1986): EPA and the Los Angeles Department of Water and Power are entering into a cooperative agreement for a remedial investigation of the San Fernando Valley Basin and a feasibility study targeted at Area 1, the most contaminated area. The RI is scheduled to begin in early 1986.

NPL Contaminant:  
 NPL Status: Final  
 Substance Id: U044  
 Case Num: 67-66-3  
 Substance : CHLOROFORM  
 Pathway : The Ground water migration route , or pathway.  
 GW Scoring : Observed Release & Toxicity  
 SW Scoring : Not reported  
 Air Scoring: Not reported  
 Soil Scoring: Not reported  
 DC Scoring: Not reported  
 FE Scoring: Not reported

NPL Status: Final  
 Substance Id: U210  
 Case Num: 79-34-5  
 Substance : TETRACHLOROETHENE  
 Pathway : The Ground water migration route , or pathway.  
 GW Scoring : Observed Release  
 SW Scoring : Not reported  
 Air Scoring: Not reported  
 Soil Scoring: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation    Site

Database(s)    EDR ID Number  
 EPA ID Number

1000710136

**SAN FERNANDO VALLEY (AREA 3) (Continued)**

DC Scoring:            Not reported  
 FE Scoring:            Not reported  
  
 NPL Status:            Final  
 Substance Id:          U228  
 Case Num:              79-01-6  
 Substance :             TRICHLOROETHYLENE (TCE), 1,1,2-  
 Pathway :               The Ground water migration route , or pathway.  
 GW Scoring :            Observed Release  
 SW Scoring :            Not reported  
 Air Scoring:            Not reported  
 Soil Scoring:           Not reported  
 DC Scoring:            Not reported  
 FE Scoring:            Not reported

NPL Site:  
 CERCLIS Id:            CAD980894984  
 Site City:              Glendale  
 Site State:              CA  
 NPL Status:            Final  
 Status Date:            06/10/86  
 Federal Site:           Not reported  
 HRS Score:              42.24  
 GW Score:               73.08  
 SW Score:               0.00  
 Air Score:               0.00  
 Soil Score:              0.00  
 DC Score:               0.00  
 FE Score:               0.00

NPL Char:  
 NPL Status:            Final  
 Category Description:   DEPTH TO AQUIFER  
 Category Value:        1  
  
 NPL Status:            Final  
 Category Description:   DISTANCE TO THE NEAREST POPULATION  
 Category Value:        10  
  
 NPL Status:            Final  
 Category Description:   OBSERVED RELEASE-Ground Water  
 Category Value:        Not reported  
  
 NPL Status:            Final  
 Category Description:   OTHER GROUND WATER USE-Industrial Process Cooling  
 Category Value:        Not reported  
  
 NPL Status:            Final  
 Category Description:   OTHER GROUND WATER USE-Irrigation  
 Category Value:        Not reported  
  
 NPL Status:            Final  
 Category Description:   PHYSICAL STATE-Liquid  
 Category Value:        Not reported  
  
 NPL Status:            Final  
 Category Description:   SITE ACTIVITY WASTE SOURCE-Ground Water Plume  
 Category Value:        Not reported  
  
 NPL Status:            Final  
 Category Description:   SITE ACTIVITY WASTE SOURCE-Unknown  
 Category Value:        Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s) EDR ID Number  
 EPA ID Number

**SAN FERNANDO VALLEY (AREA 3) (Continued)**

**1000710136**

NPL Status: Final  
 Category Description: SURFACE WATER ADJACENT TO SITE-Drain Ditch  
 Category Value: Not reported

NPL Status: Final  
 Category Description: SURFACE WATER ADJACENT TO SITE-River  
 Category Value: Not reported

**NPL SITE STATUS:**

NPL Status: Final  
 Proposed Date: 10/15/1984  
 Final Date: 06/10/1986  
 Deleted Date: Not reported

**ROD:**

Full-text of USEPA Record of Decision(s) is available from EDR.

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
 Comprehensive Environmental Response, Compensation and Liability Information System

**CAL-SITES:**

Facility ID 19990010  
 Status: AWP - ANNUAL WORKPLAN (AWP) - ACTIVE SITE  
 Status Date: 01/01/1984  
 Lead: EPA  
 Region: 3 - GLENDALE  
 Branch: SA - SO CAL - GLENDALE  
 File Name: Not reported  
 Status Name: ANNUAL WORKPLAN - ACTIVE SITE  
 Lead Agency: ENVIRONMENTAL PROTECTION AGENCY Not reported  
 NPL: Listed  
 SIC: 99 NONCLASSIFIABLE ESTABLISHMENTS  
 Facility Type: NPJF  
 Type Name: NPL SITE, JOINT STATE/FEDERAL-FUNDED  
 Staff Member Responsible for Site: HSAEBFAR  
 Supervisor Responsible for Site: Not reported  
 Region Water Control Board: Not reported  
 Access: Not reported  
 Cortese: Not reported  
 Hazardous Ranking Score: Not reported  
 Date Site Hazard Ranked: Not reported  
 Groundwater Contamination: Confirmed  
 No. of Contamination Sources: 1.00000  
 Lat/Long: 0.00000° 0.00000' 0.00000" / 0.00000° 0.00000' 0.00000"  
 Lat/long Method: Not reported  
 State Assembly District Code: 39  
 State Senate District: 20

Click this hyperlink while viewing on your computer to access additional CAL-SITES detail in the EDR Site Report.

AWP Facility ID: 19990010  
 Facility Type: NPL site, joint state/federal-funded  
 Site Access Controlled: Not reported  
 Region Code: 3  
 Region: GLENDALE  
 SMBR Branch Unit: SO CAL - GLENDALE  
 SMBR Branch Code: SA  
 Site Name: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s)  
 EDR ID Number  
 EPA ID Number

1000710136

**SAN FERNANDO VALLEY (AREA 3) (Continued)**

Current Status Date : 19/84/0101  
 Current Status : ANNUAL WORKPLAN - ACTIVE SITE  
 Lead Agency Code : EPA  
 Lead Agency : ENVIRONMENTAL PROTECTION AGENCY  
 NPL : L  
 Tier Of AWP Site : Not reported  
 Source Of Funding : Not reported  
 Responsible Staff Member : HSAEBFAR  
 Supervisor Responsible : Not reported  
 Facility SIC : NONCLASSIFIABLE ESTABLISHMENTS  
 SIC Code : 99  
 RWQCB Associated With Site : Not reported  
 RWQCB Code : Not reported  
 Site Listed HWS List : Not reported  
 Hazard Ranking Score : Not reported  
 Date Site Hazard Ranked : Not reported  
 Groundwater Contamination : Confirmed  
 # Of Contamination Sources : 1.00000  
 Lat/long Method : Not reported  
 Description Of Entity : Not reported  
 State Assembly Distt Code : 39  
 State Senate District : 20  
 Lat/long : 0.00000° 0.00000° 0.00000° / 0.00000° 0.00000° 0.00000°  
 CORTESE:  
 Region: CORTESE  
 Fac Address 2: Not reported

**A3 CRESCENTA VALLEY CAR WASH AND LUBE CTR**  
**2800 Foothill Blvd**  
**LA CRESCENTA, CA 91214**  
 < 1/8  
 2 ft.  
 Site 3 of 3 in cluster A

HAZNET S103959122  
 N/A

Relative:  
 Lower

Actual:  
 1576 ft.

HAZNET:  
 Gepaid: CAL000092891  
 TSD EPA ID: CAD099452708  
 Gen County: Los Angeles  
 Tsd County: Los Angeles  
 Tons: 36.0288  
 Waste Category: Waste oil and mixed oil  
 Disposal Method: Recycler  
 Contact: KALOUST PANDAZOS  
 Telephone: (000) 000-0000  
 Mailing Address: 2800 FOOTHILL BLVD  
 LA CRESCENTA, CA 91214 - 3401  
 County: Los Angeles  
 Gepaid: CAL000092891  
 TSD EPA ID: CAD099452708  
 Gen County: Los Angeles  
 Tsd County: Los Angeles  
 Tons: 8.5485  
 Waste Category: Waste oil and mixed oil  
 Disposal Method: Recycler  
 Contact: KALOUST PANDAZOS  
 Telephone: (000) 000-0000  
 Mailing Address: 2800 FOOTHILL BLVD  
 LA CRESCENTA, CA 91214 - 3401  
 County: Los Angeles

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site				Database(s) EDR ID Number EPA ID Number
--	------	--	--	--	---

**B4**  
**SE**  
 < 1/8  
 274 ft.

**DRY CLEAN USA**  
**2770 FOOTHILL BLVD**  
**LA CRESCENTA, CA 91214**

**RCRA-SQG**    **1000107811**  
**FINDS**        **CAD982500985**

**Site 1 of 3 in cluster B**

**Relative:**  
**Lower**

**RCRAInfo:**  
 Owner:            RENATE GOBET  
                       (415) 555-1212  
 EPA ID:            CAD982500985  
 Contact:           ENVIRONMENTAL MANAGER  
                       (818) 248-9675

**Actual:**  
 1575 ft.

Classification: Small Quantity Generator  
 TSD Activities: Not reported  
 Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
 Resource Conservation and Recovery Act Information system

**B5**  
**SE**  
 < 1/8  
 332 ft.

**DRYCLEANERS PLUS**  
**2770 FOOTHILL BLVD.**  
**LA CRESCENTA, CA 91214**

**CA SLIC**    **S106485357**  
                  **N/A**

**Site 2 of 3 in cluster B**

**Relative:**  
**Lower**

**CA STATE SLIC :**  
 Global Id :            SL603799579  
 Region :                STATE  
 Assigned Name :        SLICSITE  
 Lead Agency Contact : UNASSIGNED  
 Lead Agency :         LOS ANGELES RWQCB (REGION 4)  
 Lead Agency Case Number : 116.0012  
 Responsible Party :    Not reported  
 Recent Dtw :            Not reported  
 Substance Released :   VOC

**Actual:**  
 1575 ft.

**B6**  
**SE**  
 < 1/8  
 332 ft.

**DRY CLEANERS PLUS**  
**2770 FOOTHILL BLVD**  
**LA CRESCENTA, CA**

**CLEANERS**    **S106166778**  
                  **N/A**

**Site 3 of 3 in cluster B**

**Relative:**  
**Lower**

**CA Cleaners:**  
 Inactive Date:        Not reported  
 EPA Id:                CAD982500985  
 Facility Address 2    Not reported  
 NAICS Code :        Not reported  
 Facility Active :      Yes  
 Mail Name :           Not reported  
 Mailing Address:    2770 FOOTHILL BLVD  
                           LA CRESCENTA, CA 91214  
 Owner Name :        ZAVEN & ANGIE KALAYJIAN  
 Mailing Address:    --  
                           --, 99 --  
 Owner Telephone    8182489675  
 Contact Name :      ANGIE KALAYJIAN - CEO  
 Mailing Address:    --

**Actual:**  
 1575 ft.

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)  
 EDR ID Number  
 EPA ID Number

**DRY CLEANERS PLUS (Continued)**

**S106166778**

-, 99 -

Contact Telephone:  
 Contact Fax : Not reported  
 Contact Email : Not reported  
 Region Code : 3

C7  
 NW  
 < 1/8  
 409 ft.

**HIGHTOWER TOYOTA INC BODY SHOP**  
**2851 FOOTHILL BLVD**  
**LA CRESCENTA, CA 91214**

**RCRA-SQG 1000244301**  
**FINDS CAD981691595**  
**HAZNET**

**Site 1 of 4 in cluster C**

Relative:  
 Lower

Actual:  
 1576 ft.

RCRAInfo:  
 Owner: NOT REQUIRED  
 (415) 555-1212  
 EPA ID: CAD981691595  
 Contact: Not reported  
 Classification: Small Quantity Generator  
 TSDF Activities: Not reported  
 Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:  
 Resource Conservation and Recovery Act Information system

**HAZNET:**

Gepaid: CAD981691595  
 TSD EPA ID: CAD008302903  
 Gen County: Los Angeles  
 Tsd County: Los Angeles  
 Tons: .2293  
 Waste Category: Unspecified organic liquid mixture  
 Disposal Method: Recycler  
 Contact: Not reported  
 Telephone: (000) 000-0000  
 Mailing Address: 3322 FOOTHILL BLVD  
 LA CRESCENTA, CA 91214 - 2516  
 County: Los Angeles  
 Gepaid: CAD981691595  
 TSD EPA ID: CAD008302903  
 Gen County: Los Angeles  
 Tsd County: Los Angeles  
 Tons: .4587  
 Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)  
 Disposal Method: Recycler  
 Contact: Not reported  
 Telephone: (000) 000-0000  
 Mailing Address: 3322 FOOTHILL BLVD  
 LA CRESCENTA, CA 91214 - 2516  
 County: Los Angeles

MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

Database(s)    EDR ID Number  
EPA ID Number

**HIGHTOWER TOYOTA INC BODY SHOP (Continued)**

**1000244301**

Gepaid: CAD981691595  
TSD EPA ID: CAD008302903  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: .2293  
Waste Category: Paint sludge  
Disposal Method: Recycler  
Contact: Not reported  
Telephone: (000) 000-0000  
Mailing Address: 3322 FOOTHILL BLVD  
LA CRESCENTA, CA 91214 - 2516  
County Los Angeles

Gepaid: CAD981691595  
TSD EPA ID: CAD008302903  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: .1876  
Waste Category: Paint sludge  
Disposal Method: Recycler  
Contact: Not reported  
Telephone: (000) 000-0000  
Mailing Address: 3322 FOOTHILL BLVD  
LA CRESCENTA, CA 91214 - 2516  
County Los Angeles

**C8  
NW  
< 1/8  
532 ft.**

**VINCE DICKS SERVICE CENTER  
2865 FOOTHILL BLVD  
LA CRESCENTA, CA 91214**

**RCRA-SQG 1000168325  
FINDS CAD982402836**

**Site 2 of 4 in cluster C**

**Relative:  
Lower**

RCRAInfo:  
Owner: VINCE HEARN  
(415) 555-1212  
EPA ID: CAD982402836  
Contact: ENVIRONMENTAL MANAGER  
(818) 249-5969  
Classification: Small Quantity Generator  
TSDF Activities: Not reported  
Violation Status: No violations found

**Actual:  
1575 ft.**

**FINDS:**  
Other Pertinent Environmental Activity Identified at Site:  
Resource Conservation and Recovery Act Information system

**C9  
NW  
< 1/8  
544 ft.**

**CRESCENTA VALLEY C/S  
2866 FOOTHILL BLVD  
LA CRESCENTA, CA 91214**

**RCRA-SQG 1000378015  
FINDS CAD981573074**

**Site 3 of 4 in cluster C**

**Relative:  
Lower**

**Actual:  
1575 ft.**

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s) EDR ID Number  
 EPA ID Number

**CRESCENTA VALLEY C/S (Continued)**

1000378015

RCRAInfo:  
 Owner: PAUL STHHIGHT  
 (415) 555-1212  
 EPA ID: CAD981573074  
 Contact: ENVIRONMENTAL MANAGER  
 (818) 248-6201  
 Classification: Small Quantity Generator  
 TSD Activities: Not reported  
 Violation Status: No violations found

FINDS:  
 Other Pertinent Environmental Activity Identified at Site:  
 Resource Conservation and Recovery Act Information system

C10  
 NW  
 < 1/8  
 548 ft.

**CRESENTA VALLEY CLEANERS**  
 2866 FOOT HILL BLVD  
 LA CRESENTA, CA

CLEANERS S106166904  
 N/A

Relative:  
 Lower

Actual:  
 1576 ft.

Site 4 of 4 in cluster C

CA Cleaners:  
 Inactive Date: 6/30/1996  
 EPA Id: CAL000015617  
 Facility Address 2 Not reported  
 NAICS Code : Not reported  
 Facility Active : No  
 Mail Name : Not reported  
 Mailing Address: 2866 FOOT HILL BLVD  
 LA CRESENTA, CA 91214  
 Owner Name : KANG WON J  
 Mailing Address: --  
 --, 99 --  
 Owner Telephone 0000000000  
 Contact Name : INACTIVE,UNDELIVERABLE 96 FEE  
 Mailing Address: --  
 --, 99 --  
 Contact Telephone:  
 Contact Fax : Not reported  
 Contact Email : Not reported  
 Region Code : 3

11  
 NW  
 < 1/8  
 565 ft.

**TOMMY S VERKSTAT**  
 2869 FOOTHILL BLVD  
 LA CRESENTA, CA 91214

RCRA-SQG 1000303790  
 FINDS CAD981445273

Relative:  
 Lower

Actual:  
 1576 ft.

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s)  
 EDR ID Number  
 EPA ID Number

1000303790

**TOMMY S VERKSTAT (Continued)**

RCRAInfo:  
 Owner: ENEBERG TOMMY  
 (415) 555-1212  
 EPA ID: CAD981445273  
 Contact: Not reported  
 Classification: Small Quantity Generator  
 TSD Activities: Not reported  
 Violation Status: No violations found

FINDS:  
 Other Pertinent Environmental Activity Identified at Site:  
 Resource Conservation and Recovery Act Information system

12  
 SE  
 1/8-1/4  
 1253 ft.

**S & DAIRY**  
**2660 Foothill Blvd**  
**LA CRESCENTA, CA 91214**

HAZNET U001567050  
 HIST UST N/A

Relative:  
 Lower  
 Actual:  
 1572 ft.

HAZNET:  
 Gepaid: CAC001384528  
 TSD EPA ID: CAT080013352  
 Gen County: Los Angeles  
 Tsd County: Los Angeles  
 Tons: 2.085  
 Waste Category: Waste oil and mixed oil  
 Disposal Method: Recycler  
 Contact: GEORGE TRIEU  
 Telephone: (818) 957-1693  
 Mailing Address: 2660 FOOTHILL BLVD  
 LA CRESCENTA, CA 91214  
 County: Los Angeles

UST HIST:  
 Facility ID: 4999  
 Total Tanks: 4  
 Owner Address: 2660 FOOTHILL BLVD.  
 LA CRESCENTA, CA 91214  
 Tank Used for: PRODUCT  
 Tank Num: 1  
 Tank Capacity: 00010000  
 Type of Fuel: REGULAR  
 Leak Detection: Visual, Stock Inventor, Pressure Test  
 Contact Name: Not reported  
 Facility Type: Gas Station

Owner Name: PHU HUE TRIEU  
 Region: STATE  
 Container Num: 1  
 Year Installed: 1965  
 Tank Construction: Not Reported  
 Telephone: (213) 957-1693  
 Other Type: Not reported

Facility ID: 4999  
 Total Tanks: 4  
 Owner Address: 2660 FOOTHILL BLVD.  
 LA CRESCENTA, CA 91214  
 Tank Used for: PRODUCT  
 Tank Num: 2  
 Tank Capacity: 00010000  
 Type of Fuel: UNLEADED  
 Leak Detection: Visual, Stock Inventor, Pressure Test  
 Contact Name: Not reported  
 Facility Type: Gas Station

Owner Name: PHU HUE TRIEU  
 Region: STATE  
 Container Num: 2  
 Year Installed: 1965  
 Tank Construction: Not Reported  
 Telephone: (213) 957-1693  
 Other Type: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site Database(s) EDR ID Number  
 EPA ID Number

U001567050

S & DAIRY (Continued)

Facility ID:	4999	Owner Name:	PHU HUE TRIEU
Total Tanks:	4	Region:	STATE
Owner Address:	2660 FOOTHILL BLVD. LA CRESCENTA, CA 91214		
Tank Used for:	PRODUCT	Container Num:	3
Tank Num:	3	Year Installed:	1965
Tank Capacity:	00007500	Tank Construction:	Not Reported
Type of Fuel:	PREMIUM	Telephone:	(213) 957-1693
Leak Detection:	Visual, Stock Inventor, Pressure Test	Other Type:	Not reported
Contact Name:	Not reported		
Facility Type:	Gas Station	Owner Name:	PHU HUE TRIEU
		Region:	STATE
Facility ID:	4999		
Total Tanks:	4		
Owner Address:	2660 FOOTHILL BLVD. LA CRESCENTA, CA 91214		
Tank Used for:	WASTE	Container Num:	4
Tank Num:	4	Year Installed:	1965
Tank Capacity:	00000280	Tank Construction:	Not Reported
Type of Fuel:	WASTE OIL	Telephone:	(213) 957-1693
Leak Detection:	Visual, Stock Inventor	Other Type:	Not reported
Contact Name:	Not reported		
Facility Type:	Gas Station		

13  
 SE  
 1/4-1/2  
 1545 ft.

**CRESCENT JEWELRY**  
 2629 1/2 FOOTHILL BLVD.  
 LA CRESCENTA, CA 91214

CA SLIC S106485367  
 N/A

Relative:  
 Lower

CA STATE SLIC :  
 Global Id : SL603799589  
 Region : STATE  
 Assigned Name : SLICSITE  
 Lead Agency Contact : UNASSIGNED  
 Lead Agency : LOS ANGELES RWQCB (REGION 4)  
 Lead Agency Case Number : 116.0022  
 Responsible Party : Not reported  
 Recent Dtw : Not reported  
 Substance Released : VOC

14  
 NW  
 1/4-1/2  
 2008 ft.

**WORTMANN OIL CO INC**  
 3044 FOOTHILL BLVD  
 LA CRESCENTA, CA 91214

HAZNET U001567053  
 LUST N/A  
 Cortese  
 UST  
 HIST UST

Relative:  
 Higher

State LUST:  
 Cross Street: CLOUD AVE  
 Qty Leaked: Not reported  
 Case Number R-09180  
 Reg Board: Los Angeles Region  
 Chemical: 1  
 Lead Agency: Local Agency  
 Local Agency : 19000  
 Case Type: Soil only  
 Status: Leak being confirmed  
 Abate Method: Other Means

Actual:  
 1580 ft.

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s)  
 EDR ID Number  
 EPA ID Number

U001567053

WORTMANN OIL CO INC (Continued)

Review Date: 1996-06-19 00:00:00  
 Workplan: Not reported  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Monitoring: Not reported  
 Close Date: Not reported  
 Release Date: 1996-06-19 00:00:00  
 Cleanup Fund Id : Not reported  
 Discover Date : 1996-06-10 00:00:00  
 Enforcement Dt : Not reported  
 Enf Type: Not reported  
 Enter Date : 1996-09-19 00:00:00  
 Funding: Not reported  
 Staff Initials: Not reported  
 How Discovered: Tank Closure  
 How Stopped: Not reported  
 Interim : Not reported  
 Leak Cause: UNK  
 Leak Source: UNK  
 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 : UNK  
 GW Qualifier : Not reported  
 Max MTBE Soil : Not reported  
 Soil Qualifier : Not reported  
 Hydr Basin #: SAN FERNANDO VALLEY  
 Operator : WORTMANN  
 Oversight Prgm: LUST  
 Review Date : 1997-08-15 00:00:00  
 Stop Date : 1993-04-21  
 Work Suspended Not reported  
 Responsible Party WORTMANN OIL CO.,  
 RP Address: 3044 W FOOTHILL BLVD., LA CR  
 Global Id: T0603704785  
 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: 0  
 Waste Discharge Global ID: Not reported  
 Waste Disch Assigned Name: Not reported

Confirm Leak: 1996-06-19 00:00:00  
 Prelim Assess: Not reported  
 Remed Plan: Not reported

LUST Region 4:  
 Report Date: 6/19/1996  
 Lead Agency: Local Agency  
 Local Agency: 19000  
 Substance: 1  
 Case Type: Soil  
 Status: Leak being confirmed  
 Region: 4  
 Staff: UNK  
 Date Case Last Changed on Database:

8/15/1997

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s) EDR ID Number  
 EPA ID Number

U001567053

WORTMANN OIL CO INC (Continued)

Date Leak Record Entered:	9/19/1996
Historical Max MTBE Date:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil :	Not reported
County:	Los Angeles
Organization :	Not reported
Regional Board:	04
Owner Contact:	Not reported
Responsible Party:	WORTMANN OIL CO., INC.
RP Address:	3044 W FOOTHILL BLVD., LA CRESCENTA CA 91241
Significant Interim Remedial Action Taken:	Not reported
Program :	LUST
Lat / Long :	34.2273439 / -1
Local Agency Staff:	Not reported
Beneficial Use :	Not reported
Priority :	Not reported
Cleanup Fund Id :	Not reported
Suspended :	Not reported
Local Case No :	Not reported
Substance Quantity :	Not reported
Abatement Method Used at the Site:	OT
Operator :	WORTMANN, JOHN
Water System :	Not reported
Well Name :	Not reported
Approx. Dist To Production Well (ft) :	2603.0519486495577130089199097
Assigned Name :	Not reported
W Global ID :	Not reported
Source of Cleanup Funding:	Not reported
Date the Leak was Discovered:	6/10/1996
How the Leak was Discovered:	Tank Closure
How the Leak was Stopped:	Not reported
Cause of Leak:	UNK
Leak Source:	UNK
Date The Leak was Stopped:	4/21/1993
Date Confirmation Leak Began:	6/19/1996
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Date the Case was Closed:	Not reported
Enforcement Action Date:	Not reported
Date Leak First Reported:	6/19/1996
Enforcement Type:	Not reported
Global ID :	T0603704785
Cross Street:	CLOUD AVE
Summary :	NONE HAS BEEN PROPOSED

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

WORTMANN OIL CO INC (Continued)

U001567053

HAZNET:

Gepaid: CAL000110026  
TSD EPA ID: CAT080013352  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: .2085  
Waste Category: Waste oil and mixed oil  
Disposal Method: Recycler  
Contact: JOHN WORTMANN  
Telephone: (818) 248-1339  
Mailing Address: 3044 FOOTHILL BLVD  
LA CRESCENTA, CA 91214 - 2713  
County: Los Angeles

CORTESE:

Region: CORTESE  
Fac Address 2: 3044 FOOTHILL BLVD

UST HIST:

Facility ID: 5172  
Total Tanks: 7  
Owner Address: 3044 FOOTHILL BLVD.  
LA CRESCENTA, CA 91214  
Tank Used for: PRODUCT  
Tank Num: 1  
Tank Capacity: 00020000  
Type of Fuel: DIESEL  
Leak Detection: Stock Inventor  
Contact Name: JOHN D WORTMAN  
Facility Type: Gas Station

Owner Name: WORTMANN OIL COMPANY  
Region: STATE

Container Num: 1  
Year Installed: 1982  
Tank Construction: Not Reported

Telephone: (818) 248-1339  
Other Type: Not reported

Facility ID: 5172  
Total Tanks: 7  
Owner Address: 3044 FOOTHILL BLVD.  
LA CRESCENTA, CA 91214  
Tank Used for: PRODUCT  
Tank Num: 2  
Tank Capacity: 00010000  
Type of Fuel: REGULAR  
Leak Detection: Stock Inventor  
Contact Name: JOHN D WORTMAN  
Facility Type: Gas Station

Owner Name: WORTMANN OIL COMPANY  
Region: STATE

Container Num: 2  
Year Installed: Not reported  
Tank Construction: Not Reported

Telephone: (818) 248-1339  
Other Type: Not reported

Facility ID: 5172  
Total Tanks: 7  
Owner Address: 3044 FOOTHILL BLVD.  
LA CRESCENTA, CA 91214  
Tank Used for: PRODUCT  
Tank Num: 3  
Tank Capacity: 00010000  
Type of Fuel: UNLEADED  
Leak Detection: Stock Inventor  
Contact Name: JOHN D WORTMAN  
Facility Type: Gas Station

Owner Name: WORTMANN OIL COMPANY  
Region: STATE

Container Num: 3  
Year Installed: Not reported  
Tank Construction: Not Reported

Telephone: (818) 248-1339  
Other Type: Not reported

Facility ID: 5172  
Total Tanks: 7  
Owner Address: 3044 FOOTHILL BLVD.

Owner Name: WORTMANN OIL COMPANY  
Region: STATE

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s) EDR ID Number  
 EPA ID Number

**WORTMANN OIL CO INC (Continued)**

**U001567053**

LA CRESCENTA, CA 91214		
Tank Used for:	PRODUCT	Container Num: 4
Tank Num:	4	Year Installed: Not reported
Tank Capacity:	00010000	Tank Construction: Not Reported
Type of Fuel:	UNLEADED	
Leak Detection:	Stock Inventor	Telephone: (818) 248-1339
Contact Name:	JOHN D WORTMAN	Other Type: Not reported
Facility Type:	Gas Station	
Facility ID:	5172	Owner Name: WORTMANN OIL COMPANY
Total Tanks:	7	Region: STATE
Owner Address:	3044 FOOTHILL BLVD. LA CRESCENTA, CA 91214	
Tank Used for:	PRODUCT	Container Num: 1
Tank Num:	5	Year Installed: Not reported
Tank Capacity:	00010000	Tank Construction: Not Reported
Type of Fuel:	UNLEADED	
Leak Detection:	Stock Inventor	Telephone: (818) 248-1339
Contact Name:	JOHN D WORTMAN	Other Type: Not reported
Facility Type:	Gas Station	
Facility ID:	5172	Owner Name: WORTMANN OIL COMPANY
Total Tanks:	7	Region: STATE
Owner Address:	3044 FOOTHILL BLVD. LA CRESCENTA, CA 91214	
Tank Used for:	PRODUCT	Container Num: 2
Tank Num:	6	Year Installed: Not reported
Tank Capacity:	00010000	Tank Construction: Not Reported
Type of Fuel:	UNLEADED	
Leak Detection:	Stock Inventor	Telephone: (818) 248-1339
Contact Name:	JOHN D WORTMAN	Other Type: Not reported
Facility Type:	Gas Station	
Facility ID:	5172	Owner Name: WORTMANN OIL COMPANY
Total Tanks:	7	Region: STATE
Owner Address:	3044 FOOTHILL BLVD. LA CRESCENTA, CA 91214	
Tank Used for:	PRODUCT	Container Num: 3
Tank Num:	7	Year Installed: Not reported
Tank Capacity:	00010000	Tank Construction: Not Reported
Type of Fuel:	REGULAR	
Leak Detection:	Stock Inventor	Telephone: (818) 248-1339
Contact Name:	JOHN D WORTMAN	Other Type: Not reported
Facility Type:	Gas Station	
State UST:		
Facility ID:	009180	
Region:	STATE	
Local Agency:	19000	

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s)  
 EDR ID Number  
 EPA ID Number

15  
 WNW  
 1/4-1/2  
 2251 ft.

**CRESCENTA VALLEY TOW**  
**4456 CLOUD AVE**  
**LA CRESCENTA, CA 91214**

**HAZNET** U001567040  
**LUST** N/A  
**Cortese**  
**HIST UST**

Relative:  
 Lower

Actual:  
 1551 ft.

State LUST:

Cross Street: Not reported  
 Qty Leaked: Not reported  
 Case Number: I-11823  
 Reg Board: Los Angeles Region  
 Chemical: Gasoline  
 Lead Agency: Regional Board  
 Local Agency: 19000  
 Case Type: Soil only  
 Status: Pollution Characterization  
 Review Date: 1994-03-22 00:00:00  
 Workplan: 1995-03-30 00:00:00  
 Pollution Char: 2000-11-16 00:00:00  
 Remed Action: Not reported  
 Monitoring: 1994-03-22 00:00:00  
 Close Date: Not reported  
 Release Date: 1994-03-22 00:00:00  
 Cleanup Fund Id : Not reported  
 Discover Date : 1994-02-09 00:00:00  
 Enforcement Dt : 2001-04-13 00:00:00  
 Enf Type: SEL  
 Enter Date : 1995-06-06 00:00:00  
 Funding: Not reported  
 Staff Initials: Not reported  
 How Discovered: Tank Closure  
 How Stopped: Not reported  
 Interim : Not reported  
 Leak Cause: UNK  
 Leak Source: UNK  
 MTBE Date : Not reported  
 Max MTBE GW : Not reported  
 MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.  
 Priority: Not reported  
 Local Case # : Not reported  
 Beneficial: Not reported  
 Staff : JW  
 GW Qualifier : Not reported  
 Max MTBE Soil : Not reported  
 Soil Qualifier : Not reported  
 Hydr Basin #: SAN FERNANDO VALLEY  
 Operator : Not reported  
 Oversight Prgm: LUST  
 Review Date : 2001-09-19 00:00:00  
 Stop Date : Not reported  
 Work Suspended : Not reported  
 Responsible Party: MATTHEW RODDA  
 RP Address: 791 E. WASHINGTON BLVD.  
 Global Id: T0603703854  
 Org Name: Not reported  
 Contact Person: Not reported  
 MTBE Conc: 0  
 Mtbe Fuel: 1  
 Water System Name: Not reported  
 Well Name: Not reported

Confirm Leak: 1994-03-22 00:00:00  
 Prelim Assess: 1995-03-30 00:00:00  
 Remed Plan: 2000-11-16 00:00:00

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

**CRESCENTA VALLEY TOW (Continued)**

**U001567040**

Distance To Lust: 0  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 4:

Report Date: 3/22/1994  
Lead Agency: Regional Board  
Local Agency: 19000  
Substance: Gasoline  
Case Type: Soil  
Status: Pollution Characterization  
Region: 4  
Staff: JW

Date Case Last Changed on Database: 9/19/2001  
Date Leak Record Entered: 6/6/1995  
Historical Max MTBE Date: Not reported  
GW Qualifier: Not reported  
Soil Qualifier: Not reported  
Hist Max MTBE Conc in Groundwater: Not reported  
Hist Max MTBE Conc in Soil : Not reported  
County: Los Angeles  
Organization : Not reported  
Regional Board: 04  
Owner Contact: Not reported  
Responsible Party: MATTHEW RODDA  
RP Address: 791 E. WASHINGTON BLVD.  
Significant Interim Remedial Action Taken: Not reported  
Program : LUST  
Lat / Long : 34.22709 / -1  
Local Agency Staff: Not reported  
Beneficial Use : Not reported  
Priority : Not reported  
Cleanup Fund Id : Not reported  
Suspended : Not reported  
Local Case No : Not reported  
Substance Quantity : Not reported  
Abatement Method Used at the Site: Not reported  
Operator : Not reported  
Water System : Not reported  
Well Name : Not reported  
Approx. Dist To Production Well (ft) : 2473.2213419804142069078609432  
Assigned Name : Not reported  
W Global ID : Not reported  
Source of Cleanup Funding: Not reported  
Date the Leak was Discovered: 2/9/1994  
How the Leak was Discovered: Tank Closure  
How the Leak was Stopped: Not reported  
Cause of Leak: UNK  
Leak Source: UNK  
Date The Leak was Stopped: Not reported  
Date Confirmation Leak Began: 3/22/1994  
Preliminary Site Assessment Workplan Submitted: 3/22/1994  
Preliminary Site Assessment Began: 3/30/1995  
Pollution Characterization Began: 12/5/2003  
Remediation Plan Submitted: 11/16/2000  
Remedial Action Underway: Not reported  
Post Remedial Action Monitoring Began: 3/22/1994  
Date the Case was Closed: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

U001567040

CRESCENTA VALLEY TOW (Continued)

Enforcement Action Date: 4/13/2001  
Date Leak First Reported: 3/22/1994  
Enforcement Type: SEL  
Global ID : T0603703854  
Cross Street: Not reported  
Summary : FILE MISSING/FILE LOCATED 06/11/98; USTCF ISSUED A LETTER OF COMMITMENT (LOC) ; 9/19/00 WORK PLAN FOR SUBSURFACE EXPLORATION; 11/1/00 ADDENDUM TO WP

HAZNET:

Gepaid: CAL000056516  
TSD EPA ID: CAT080013352  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: .2293  
Waste Category: Aqueous solution with 10% or more total organic residues  
Disposal Method: Recycler  
Contact: HAL PRESENT  
Telephone: (818) 248-1466  
Mailing Address: 4456 CLOUD AVE  
LA CRESCENTA, CA 91214  
County Los Angeles

CORTESE:

Region: CORTESE  
Fac Address 2: 4456 CLOUD AVE

UST HIST:

Facility ID: 4960  
Total Tanks: 2  
Owner Address: 4456 CLOUD AVE  
LA CRESCENTA, CA 91214  
Tank Used for: PRODUCT  
Tank Num: 1  
Tank Capacity: 00005000  
Type of Fuel: DIESEL  
Leak Detection: None  
Contact Name: RICHARD A MUNSON  
Facility Type: Other

Owner Name: HAL PRESENT RICHARD MUNSON CRE  
Region: STATE

Container Num: T1  
Year Installed: 1975  
Tank Construction: Not Reported

Telephone: (818) 248-1466  
Other Type: TOWING

Facility ID: 4960  
Total Tanks: 2  
Owner Address: 4456 CLOUD AVE  
LA CRESCENTA, CA 91214

Owner Name: HAL PRESENT RICHARD MUNSON CRE  
Region: STATE

Tank Used for: PRODUCT  
Tank Num: 2  
Tank Capacity: 00005000  
Type of Fuel: REGULAR  
Leak Detection: None  
Contact Name: RICHARD A MUNSON  
Facility Type: Other

Container Num: T2  
Year Installed: 1975  
Tank Construction: Not Reported

Telephone: (818) 248-1466  
Other Type: TOWING

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Database(s)  
 EDR ID Number  
 EPA ID Number

**D16** **ONE STOP CLEANERS**  
**NW** **3115 FOOTHILL BLVD**  
**1/4-1/2** **LA CRESCENTA, CA 91214**  
**2582 ft.**

**HAZNET** **S102810126**  
**LUST** **N/A**  
**Cortese**  
**LA Co. Site Mitigation**  
**CA SLIC**  
**CLEANERS**

Site  
**Site 1 of 2 in cluster D**

Relative:  
 Lower

Actual:  
 1577 ft.

State LUST:

Cross Street: PENNSYLVANIA  
 Qty Leaked: Not reported  
 Case Number: R-25490  
 Reg Board: Los Angeles Region  
 Chemical: Solvents  
 Lead Agency: Regional Board  
 Local Agency: 19000  
 Case Type: Soil only  
 Status: Preliminary site assessment underway  
 Review Date: Not reported  
 Workplan: 1997-11-06 00:00:00  
 Pollution Char: Not reported  
 Remed Action: Not reported  
 Monitoring: Not reported  
 Close Date: Not reported  
 Release Date: 1997-08-27 00:00:00  
 Cleanup Fund Id: Not reported  
 Discover Date: 1997-08-27 00:00:00  
 Enforcement Dt: Not reported  
 Enf Type: Not reported  
 Enter Date: 1998-03-02 00:00:00  
 Funding: Not reported  
 Staff Initials: Not reported  
 How Discovered: Subsurface Monitoring  
 How Stopped: Not reported  
 Interim: Not reported  
 Leak Cause: Not reported  
 Leak Source: UNK  
 MTBE Date: Not reported  
 Max MTBE GW: Not reported  
 MTBE Tested: Not Required to be Tested.  
 Priority: 1B  
 Local Case #: Not reported  
 Beneficial: Not reported  
 Staff: SLC  
 GW Qualifier: Not reported  
 Max MTBE Soil: Not reported  
 Soil Qualifier: Not reported  
 Hydr Basin #: SAN FERNANDO VALLEY  
 Operator: Not reported  
 Oversight Prgm: Spills, Leaks, Investigations and Cleanup UST  
 Review Date: 1998-02-18 00:00:00  
 Stop Date: Not reported  
 Work Suspended: Not reported  
 Responsible Party: THE TRENTON GROUP  
 RP Address: 5900 WILSHIRE BL., STE #2310  
 Global Id: T0603705509  
 Org Name: Not reported  
 Contact Person: Not reported  
 MTBE Conc: 0  
 Mtb Fuel: 0

Confirm Leak: Not reported  
 Prelim Assess: 1997-11-06 00:00:00  
 Remed Plan: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s) EDR ID Number  
 EPA ID Number

S102810126

**ONE STOP CLEANERS (Continued)**

Water System Name: Not reported  
 Well Name: Not reported  
 Distance To Lust: 0  
 Waste Discharge Global ID: Not reported  
 Waste Disch Assigned Name: Not reported

**LUST Region 4:**

Report Date: 8/27/1997  
 Lead Agency: Regional Board  
 Local Agency: 19000  
 Substance: Solvents  
 Case Type: Soil  
 Status: Preliminary site assessment underway  
 Region: 4  
 Staff: SLC  
 Date Case Last Changed on Database: 2/18/1998  
 Date Leak Record Entered: 3/2/1998  
 Historical Max MTBE Date: Not reported  
 GW Qualifier: Not reported  
 Soil Qualifier: Not reported  
 Hist Max MTBE Conc in Groundwater: Not reported  
 Hist Max MTBE Conc in Soil : Not reported  
 County: Los Angeles  
 Organization : Not reported  
 Regional Board: 04  
 Owner Contact: Not reported  
 Responsible Party: THE TRENTON GROUP  
 RP Address: 5900 WILSHIRE BL., STE #2310, LOS ANGELES, CA 90036  
 Significant Interim Remedial Action Taken: Not reported  
 Program : SLIC  
 Lat / Long : 34.2285339 / -1  
 Local Agency Staff: Not reported  
 Beneficial Use : Not reported  
 Priority : 1B  
 Cleanup Fund Id : Not reported  
 Suspended : Not reported  
 Local Case No : Not reported  
 Substance Quantity : Not reported  
 Abatement Method Used at the Site: Not reported  
 Operator : Not reported  
 Water System : Not reported  
 Well Name : Not reported  
 Approx. Dist To Production Well (ft) : 2015.6416866059938163390509067  
 Assigned Name : Not reported  
 W Global ID : Not reported  
 Source of Cleanup Funding: Not reported  
 Date the Leak was Discovered: 8/27/1997  
 How the Leak was Discovered: Subsurface Monitoring  
 How the Leak was Stopped: Not reported  
 Cause of Leak: Not reported  
 Leak Source: UNK  
 Date The Leak was Stopped: Not reported  
 Date Confirmation Leak Began: Not reported  
 Preliminary Site Assessment Workplan Submitted: Not reported  
 Preliminary Site Assessment Began: 11/6/1997  
 Pollution Characterization Began: Not reported  
 Remediation Plan Submitted: Not reported  
 Remedial Action Underway: Not reported

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

EDR ID Number  
 EPA ID Number  
 Database(s)

S102810126

**ONE STOP CLEANERS (Continued)**

Post Remedial Action Monitoring Began: Not reported  
 Date the Case was Closed: Not reported  
 Enforcement Action Date: Not reported  
 Date Leak First Reported: 8/27/1997  
 Enforcement Type: Not reported  
 Global ID : T0603705509  
 Cross Street: PENNSYLVANIA AVE  
 Summary : DRY CLEANING FACILITY REFER TO  
 SLIC #769 9/10/97 RPT BY AQUA  
 SCIENCE REPORTED 19,300 UG/KG OF PCE

**CA Cleaners:**

Inactive Date: Not reported  
 EPA Id: CAL000016313  
 Facility Address 2 Not reported  
 NAICS Code : Not reported  
 Facility Active : Yes  
 Mail Name : Not reported  
 Mailing Address: 3115 FOOTHILL BLVD STE G  
 LA CRESCENTA, CA 91214  
 Owner Name : BENJAMIN CHEN  
 Mailing Address: 3115 FOOTHILL BL #G  
 LA CRESCENTA, CA 91214  
 Owner Telephone 8182485632  
 Contact Name : BENJAMIN CHEN  
 Mailing Address: 3115 FOOTHILL BLVD STE G  
 LA CRESCENTA, CA 91214  
 Contact Telephone 8182485632  
 Contact Fax : Not reported  
 Contact Email : Not reported  
 Region Code : 3

**HAZNET:**

Gepaid: CAL000016313  
 TSD EPA ID: CAD981397417  
 Gen County: Los Angeles  
 Tsd County: Los Angeles  
 Tons: .9172  
 Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)  
 Disposal Method: Recycler  
 Contact: BENJAMIN CHEN  
 Telephone: (000) 000-0000  
 Mailing Address: 3115 FOOTHILL BLVD STE G  
 LA CRESCENTA, CA 91214 - 4240  
 County Los Angeles  
 Gepaid: CAL000016313  
 TSD EPA ID: CAD981397417  
 Gen County: Los Angeles  
 Tsd County: Los Angeles  
 Tons: .0000  
 Waste Category:  
 Disposal Method: Recycler  
 Contact: BENJAMIN CHEN  
 Telephone: (000) 000-0000  
 Mailing Address: 3115 FOOTHILL BLVD STE G  
 LA CRESCENTA, CA 91214 - 4240  
 County Los Angeles

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

Database(s)  
 EDR ID Number  
 EPA ID Number

S102810126

**ONE STOP CLEANERS (Continued)**

Gepaid: CAL000016313  
 TSD EPA ID: CAD981397417  
 Gen County: Los Angeles  
 Tsd County: Los Angeles  
 Tons: .4586  
 Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)  
 Disposal Method: Recycler  
 Contact: BENJAMIN CHEN  
 Telephone: (000) 000-0000  
 Mailing Address: 3115 FOOTHILL BLVD STE G  
 LA CRESCENTA, CA 91214 - 4240  
 County Los Angeles

Gepaid: CAL000016313  
 TSD EPA ID: CAD008302903  
 Gen County: Los Angeles  
 Tsd County: Los Angeles  
 Tons: .2293  
 Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)  
 Disposal Method: Recycler  
 Contact: BENJAMIN CHEN  
 Telephone: (000) 000-0000  
 Mailing Address: 3115 FOOTHILL BLVD STE G  
 LA CRESCENTA, CA 91214 - 4240  
 County Los Angeles

Gepaid: CAL000016313  
 TSD EPA ID: CAD008302903  
 Gen County: Los Angeles  
 Tsd County: Los Angeles  
 Tons: .0000  
 Waste Category: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)  
 Disposal Method: Not reported  
 Contact: BENJAMIN CHEN  
 Telephone: (000) 000-0000  
 Mailing Address: 3115 FOOTHILL BLVD STE G  
 LA CRESCENTA, CA 91214 - 4240  
 County Los Angeles

[Click this hyperlink](#) while viewing on your computer to access 11 additional CA HAZNET record(s) in the EDR Site Report.

CORTESE:  
 Region: CORTESE  
 Fac Address 2: 3115 FOOTHILL BLVD

Site Mitigation Log:  
 Case Number: 03S568  
 Abatement Date: 11/05/03  
 Thomas Guide Page Numbers: 504F7

CA STATE SLIC :  
 Global Id : SLT4L7691867  
 Region : STATE  
 Assigned Name : SLICSITE  
 Lead Agency Contact : SLIC  
 Lead Agency : LOS ANGELES RWQCB (REGION 4)  
 Lead Agency Case Number : 0769  
 Responsible Party : Not reported

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site	Database(s)	EDR ID Number EPA ID Number
--	------	-------------	--------------------------------

**ONE STOP CLEANERS (Continued)**

**S102810126**

Recent Dtw :	Not reported
Substance Released :	VOC

D17  
 NW  
 1/4-1/2  
 2582 ft.

**ONE STOP CLEANER**  
**3115 FOOTHILL**  
**LA CRESCENTA, CA 91214**

**CA SLIC S104404819**  
**N/A**

**Site 2 of 2 in cluster D**

**Relative:**  
**Lower**

SLIC Region 4:	
Facility Status:	Not reported
Region:	4
SLIC	0769
Staff:	LACFD
Substance:	VOCs

**Actual:**  
**1577 ft.**

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LA CRESCENTA	8870915	E 210 FOOTHILL FREEWAY	E 210 FOOTHILL FREEWAY		ERNS
LA CRESCENTA	S106485364	HI START AUTO SALE	4311 FOOTHILL BLVD.	91214	CA SLIC
LA CRESCENTA	U003941445	S&J DAIRY	2660 FOOTHILL BLVD	91214	UST
LA CRESCENTA	U003942453	TOSCO/UNOCAL #31117	2384 W FOOTHILL BLVD	91214	UST
LA CRESCENTA	S106024115	SERGE'S AUTOMOTIVE	2410 W FOOTHILL BLVD	91214	LUST, LOS ANGELES CO. HMS
LOS ANGELES COUNTY	S105632075		BUILDING #8 LONG BEACH NAVAL		LUST, CHMIRS

# 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: 07/30/04

Date Made Active at EDR: 09/09/04

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/03/04

Elapsed ASTM days: 37

Date of Last EDR Contact: 11/02/04

### **NPL Site Boundaries**

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 3  
Telephone 215-814-5418

EPA Region 4  
Telephone 404-562-8033

EPA Region 6  
Telephone: 214-655-6659

EPA Region 8  
Telephone: 303-312-6774

### **Proposed NPL: Proposed National Priority List Sites**

Source: EPA

Telephone: N/A

Date of Government Version: 07/22/04

Date Made Active at EDR: 09/09/04

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/03/04

Elapsed ASTM days: 37

Date of Last EDR Contact: 11/02/04

### **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: 08/10/04

Date Made Active at EDR: 10/27/04

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/21/04

Elapsed ASTM days: 36

Date of Last EDR Contact: 09/21/04

### **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: 08/10/04  
Date Made Active at EDR: 10/27/04  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/21/04  
Elapsed ASTM days: 36  
Date of Last EDR Contact: 09/21/04

## **CORRACTS:** Corrective Action Report

Source: EPA  
Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/23/04  
Date Made Active at EDR: 11/18/04  
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 10/07/04  
Elapsed ASTM days: 42  
Date of Last EDR Contact: 09/07/04

## **RCRA:** Resource Conservation and Recovery Act Information

Source: EPA  
Telephone: 800-424-9346

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs): generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs): generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs): generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 08/10/04  
Date Made Active at EDR: 10/11/04  
Database Release Frequency: Varies

Date of Data Arrival at EDR: 08/24/04  
Elapsed ASTM days: 48  
Date of Last EDR Contact: 08/24/04

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

Source: National Response Center, United States Coast Guard  
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: 12/31/03  
Date Made Active at EDR: 03/12/04  
Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/26/04  
Elapsed ASTM days: 46  
Date of Last EDR Contact: 10/25/04

## **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: 12/01/01  
Database Release Frequency: Biennially

Date of Last EDR Contact: 09/20/04  
Date of Next Scheduled EDR Contact: 12/13/04

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

Source: Department of Justice, Consent Decree Library  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/05/04  
Database Release Frequency: Varies

Date of Last EDR Contact: 10/25/04  
Date of Next Scheduled EDR Contact: 01/24/05

## **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.

Date of Government Version: 09/09/04  
Database Release Frequency: Annually

Date of Last EDR Contact: 10/06/04  
Date of Next Scheduled EDR Contact: 01/03/05

## **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: 07/30/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/02/04  
Date of Next Scheduled EDR Contact: 01/31/05

## **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: 09/09/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/08/04  
Date of Next Scheduled EDR Contact: 01/03/05

## **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: 02/17/04  
Database Release Frequency: Annually

Date of Last EDR Contact: 04/20/04  
Date of Next Scheduled EDR Contact: 07/19/04

## **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: 07/15/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/04/04  
Date of Next Scheduled EDR Contact: 01/03/05

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

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959

Date of Government Version: 09/13/04  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/28/04  
Date of Next Scheduled EDR Contact: 12/27/04

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: EPA

Telephone: 202-564-4267

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.

Date of Government Version: 10/15/91

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/23/04

Date of Next Scheduled EDR Contact: 11/22/04

## **PADS: PCB Activity Database System**

Source: EPA

Telephone: 202-564-3887

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: 06/29/04

Database Release Frequency: Annually

Date of Last EDR Contact: 11/12/04

Date of Next Scheduled EDR Contact: 02/07/05

## **DOD: Department of Defense Sites**

Source: USGS

Telephone: 703-692-8801

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 10/01/03

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/12/04

Date of Next Scheduled EDR Contact: 02/07/05

## **UMTRA: Uranium Mill Tailings Sites**

Source: Department of Energy

Telephone: 505-845-0011

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized. In 1978, 24 inactive uranium mill tailings sites in Oregon, Idaho, Wyoming, Utah, Colorado, New Mexico, Texas, North Dakota, South Dakota, Pennsylvania, and on Navajo and Hopi tribal lands, were targeted for cleanup by the Department of Energy.

Date of Government Version: 04/22/04

Database Release Frequency: Varies

Date of Last EDR Contact: 09/20/04

Date of Next Scheduled EDR Contact: 12/20/04

## **ODI: Open Dump Inventory**

Source: Environmental Protection Agency

Telephone: 800-424-9346

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/85

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/23/95

Date of Next Scheduled EDR Contact: N/A

## **FUDS: Formerly Used Defense Sites**

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/03

Database Release Frequency: Varies

Date of Last EDR Contact: 10/04/04

Date of Next Scheduled EDR Contact: 01/03/05

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **INDIAN RESERV:** Indian Reservations

Source: USGS

Telephone: 202-208-3710

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 10/01/03

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/12/04

Date of Next Scheduled EDR Contact: 02/07/05

## **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: 09/07/04

Date of Next Scheduled EDR Contact: 12/06/04

## **TRIS:** Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-566-0250

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: 12/31/02

Database Release Frequency: Annually

Date of Last EDR Contact: 09/20/04

Date of Next Scheduled EDR Contact: 12/20/04

## **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: 12/31/02

Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 09/07/04

Date of Next Scheduled EDR Contact: 12/06/04

## **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: 04/13/04

Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/07/04

Date of Next Scheduled EDR Contact: 12/20/04

## **SSTS:** Section 7 Tracking Systems

Source: EPA

Telephone: 202-564-5008

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/01

Database Release Frequency: Annually

Date of Last EDR Contact: 10/18/04

Date of Next Scheduled EDR Contact: 01/17/05

## **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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/13/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/07/04  
Date of Next Scheduled EDR Contact: 12/20/04

## 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: 10/05/04  
Date Made Active at EDR: 11/03/04  
Database Release Frequency: Annually

Date of Data Arrival at EDR: 10/15/04  
Elapsed ASTM days: 19  
Date of Last EDR Contact: 09/16/04

### **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: 10/05/04  
Date Made Active at EDR: 11/03/04  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/15/04  
Elapsed ASTM days: 19  
Date of Last EDR Contact: 09/16/04

### **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: 12/31/03  
Date Made Active at EDR: 06/25/04  
Database Release Frequency: Varies

Date of Data Arrival at EDR: 05/18/04  
Elapsed ASTM days: 38  
Date of Last EDR Contact: 08/23/04

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

Source: CAL EPA/Office of Emergency Information  
Telephone: 916-323-9100

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

Date of Government Version: 04/01/01  
Date Made Active at EDR: 07/26/01  
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 05/29/01  
Elapsed ASTM days: 58  
Date of Last EDR Contact: 10/28/04

### **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: 10/18/04

### **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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 11/01/04

## **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: 09/13/04  
Date Made Active at EDR: 10/12/04  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 09/14/04  
Elapsed ASTM days: 28  
Date of Last EDR Contact: 09/14/04

## **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: 09/08/04

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

Source: State Water Resources Control Board  
Telephone: 916-341-5752

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: 10/13/04  
Date Made Active at EDR: 11/03/04  
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/13/04  
Elapsed ASTM days: 21  
Date of Last EDR Contact: 10/13/04

## **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: 916-341-5752

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 10/13/04  
Date Made Active at EDR: 11/03/04  
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 10/13/04  
Elapsed ASTM days: 21  
Date of Last EDR Contact: 10/13/04

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **VCP:** Voluntary Cleanup Program Properties

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/05/04

Date Made Active at EDR: 11/03/04

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/15/04

Elapsed ASTM days: 19

Date of Last EDR Contact: 09/16/04

## **INDIAN LUST:** Leaking Underground Storage Tanks on Indian Land

Source: Environmental Protection Agency

Telephone: 415-972-3372

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/03/04

Date Made Active at EDR: 11/03/04

Database Release Frequency: Varies

Date of Data Arrival at EDR: 10/06/04

Elapsed ASTM days: 28

Date of Last EDR Contact: 08/23/04

## **INDIAN LUST:** Leaking Underground Storage Tanks on Indian Land

Source: EPA Region 10

Telephone: 206-553-2857

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 09/29/04

Date Made Active at EDR: 10/22/04

Database Release Frequency: Varies

Date of Data Arrival at EDR: 10/01/04

Elapsed ASTM days: 21

Date of Last EDR Contact: 08/23/04

## **INDIAN UST:** Underground Storage Tanks on Indian Land

Source: EPA Region 9

Telephone: 415-972-3368

Date of Government Version: 06/18/04

Date Made Active at EDR: 07/26/04

Database Release Frequency: Varies

Date of Data Arrival at EDR: 06/21/04

Elapsed ASTM days: 35

Date of Last EDR Contact: 08/23/04

## **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.

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

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

Source: State Water Resources Control Board  
Telephone: 916-341-5712

Registered Aboveground Storage Tanks.

Date of Government Version: 12/01/03  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/01/04  
Date of Next Scheduled EDR Contact: 01/31/05

### **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: 04/21/04  
Database Release Frequency: Annually

Date of Last EDR Contact: 11/01/04  
Date of Next Scheduled EDR Contact: 01/03/05

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

Source: State Water Resources Control Board  
Telephone: 916-341-5227

Sites which have been issued waste discharge requirements.

Date of Government Version: 10/11/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/21/04  
Date of Next Scheduled EDR Contact: 12/20/04

### **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: 10/04/04  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/04/04  
Date of Next Scheduled EDR Contact: 01/03/05

### **NFA:** No Further Action Determination

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

This category contains properties at which DTSC has made a clear determination that the property does not pose a problem to the environment or to public health.

Date of Government Version: 10/05/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/16/04  
Date of Next Scheduled EDR Contact: 11/29/04

### **EMI:** Emissions Inventory Data

Source: California Air Resources Board  
Telephone: 916-322-2990

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/02  
Database Release Frequency: Varies

Date of Last EDR Contact: 10/22/04  
Date of Next Scheduled EDR Contact: 01/17/05

### **REF:** Unconfirmed Properties Referred to Another Agency

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

This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/05/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/16/04  
Date of Next Scheduled EDR Contact: 11/29/04

## **SCH:** School Property Evaluation Program

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

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/05/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/16/04  
Date of Next Scheduled EDR Contact: 11/29/04

## **NFE:** Properties Needing Further Evaluation

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

This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA process. PEA in Progress indicates properties where DTSC is currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but not currently underway.

Date of Government Version: 10/05/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/16/04  
Date of Next Scheduled EDR Contact: 11/29/04

## **SLIC:** Statewide SLIC Cases

Source: State Water Resources Control Board  
Telephone: 916-341-5752

The Spills, Leaks, Investigations, and Cleanups (SLIC) listings includes unauthorized discharges from spills and leaks, other than from underground storage tanks or other regulated sites.

Date of Government Version: 10/13/04  
Database Release Frequency: Varies

Date of Last EDR Contact: 10/13/04  
Date of Next Scheduled EDR Contact: 01/10/05

## **HAZNET:** Facility and Manifest Data

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.

Date of Government Version: 12/31/02  
Database Release Frequency: Annually

Date of Last EDR Contact: 11/08/04  
Date of Next Scheduled EDR Contact: 02/07/05

## 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: 08/17/04  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/25/04  
Date of Next Scheduled EDR Contact: 01/24/05

#### **Underground Tanks**

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/17/04  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/25/04  
Date of Next Scheduled EDR Contact: 01/24/05

## 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: 08/30/04  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/30/04  
Date of Next Scheduled EDR Contact: 11/29/04

## 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: 07/21/04  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/08/04  
Date of Next Scheduled EDR Contact: 02/07/05

## KERN COUNTY:

### Underground Storage Tank Sites & Tank Listing

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700

Kern County Sites and Tanks Listing.

Date of Government Version: 09/14/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/07/04  
Date of Next Scheduled EDR Contact: 12/06/04

## LOS ANGELES COUNTY:

### List of Solid Waste Facilities

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

Date of Government Version: 06/03/03  
Database Release Frequency: Varies

Date of Last EDR Contact: 11/18/04  
Date of Next Scheduled EDR Contact: 02/14/05

### City of El Segundo Underground Storage Tank

Source: City of El Segundo Fire Department  
Telephone: 310-524-2236

Date of Government Version: 09/07/04  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/15/04  
Date of Next Scheduled EDR Contact: 02/14/05

### City of Long Beach Underground Storage Tank

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/28/03  
Database Release Frequency: Annually

Date of Last EDR Contact: 08/27/04  
Date of Next Scheduled EDR Contact: 11/22/04

## City of Torrance Underground Storage Tank

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

Date of Government Version: 08/16/04  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/15/04  
Date of Next Scheduled EDR Contact: 02/14/05

## City of Los Angeles Landfills

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

Date of Government Version: 03/01/04  
Database Release Frequency: Varies

Date of Last EDR Contact: 09/14/04  
Date of Next Scheduled EDR Contact: 12/13/04

## HMS: Street Number List

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

Date of Government Version: 04/29/04  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/12/04  
Date of Next Scheduled EDR Contact: 02/14/05

## 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: 02/26/04  
Database Release Frequency: Annually

Date of Last EDR Contact: 11/15/04  
Date of Next Scheduled EDR Contact: 02/14/05

## San Gabriel Valley Areas of Concern

Source: EPA Region 9  
Telephone: 415-972-3178  
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: 07/06/99  
Date of Next Scheduled EDR Contact: N/A

## MARIN COUNTY:

### Underground Storage Tank Sites

Source: Public Works Department Waste Management  
Telephone: 415-499-6647  
Currently permitted USTs in Marin County.

Date of Government Version: 08/18/04  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/01/04  
Date of Next Scheduled EDR Contact: 01/31/05

## NAPA COUNTY:

### Sites With Reported Contamination

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

Date of Government Version: 09/29/04  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/27/04  
Date of Next Scheduled EDR Contact: 12/27/04

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Closed and Operating Underground Storage Tank Sites**

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

Date of Government Version: 09/29/04  
Database Release Frequency: Annually

Date of Last EDR Contact: 09/27/04  
Date of Next Scheduled EDR Contact: 12/27/04

## **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: 10/14/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/09/04  
Date of Next Scheduled EDR Contact: 12/06/04

### **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: 09/01/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/09/04  
Date of Next Scheduled EDR Contact: 12/06/04

### **List of Industrial Site Cleanups**

Source: Health Care Agency  
Telephone: 714-834-3446

Petroleum and non-petroleum spills.

Date of Government Version: 09/01/04  
Database Release Frequency: Annually

Date of Last EDR Contact: 09/09/04  
Date of Next Scheduled EDR Contact: 12/06/04

## **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.

Date of Government Version: 10/04/04  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/20/04  
Date of Next Scheduled EDR Contact: 12/20/04

## **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: 06/21/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/18/04  
Date of Next Scheduled EDR Contact: 01/17/05

### **Underground Storage Tank Tank List**

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/21/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/18/04  
Date of Next Scheduled EDR Contact: 01/17/05

## SACRAMENTO COUNTY:

### CS - Contaminated Sites

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

Date of Government Version: 08/28/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/13/04  
Date of Next Scheduled EDR Contact: 01/31/05

### 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: 09/02/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/02/04  
Date of Next Scheduled EDR Contact: 01/31/05

## 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: 09/17/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/07/04  
Date of Next Scheduled EDR Contact: 12/06/04

## SAN DIEGO COUNTY:

### Solid Waste Facilities

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

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

Date of Last EDR Contact: 08/23/04  
Date of Next Scheduled EDR Contact: 11/22/04

### 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: 06/29/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/08/04  
Date of Next Scheduled EDR Contact: 01/03/05

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SAN FRANCISCO COUNTY:

### Local Oversight Facilities

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

Date of Government Version: 09/15/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/20/04  
Date of Next Scheduled EDR Contact: 12/06/04

### Underground Storage Tank Information

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

Date of Government Version: 09/15/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/20/04  
Date of Next Scheduled EDR Contact: 12/26/04

## SAN MATEO COUNTY:

### Fuel Leak List

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

Date of Government Version: 10/27/04  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/12/04  
Date of Next Scheduled EDR Contact: 01/10/05

### 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: 08/19/04  
Database Release Frequency: Annually

Date of Last EDR Contact: 10/12/04  
Date of Next Scheduled EDR Contact: 01/10/05

## SANTA CLARA COUNTY:

### Fuel Leak Site Activity Report

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

Date of Government Version: 06/30/04  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/27/04  
Date of Next Scheduled EDR Contact: 12/27/04

### Hazardous Material Facilities

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

Date of Government Version: 10/01/03  
Database Release Frequency: Annually

Date of Last EDR Contact: 09/07/04  
Date of Next Scheduled EDR Contact: 12/06/04

## SOLANO COUNTY:

### Leaking Underground Storage Tanks

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

Date of Government Version: 09/20/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/13/04  
Date of Next Scheduled EDR Contact: 12/13/04

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Underground Storage Tanks**

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

Date of Government Version: 09/20/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/13/04  
Date of Next Scheduled EDR Contact: 12/13/04

## **SONOMA COUNTY:**

### **Leaking Underground Storage Tank Sites**

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

Date of Government Version: 10/25/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/25/04  
Date of Next Scheduled EDR Contact: 01/24/05

## **SUTTER COUNTY:**

### **Underground Storage Tanks**

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

Date of Government Version: 01/29/04  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/18/04  
Date of Next Scheduled EDR Contact: 01/03/05

## **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: 08/01/04  
Database Release Frequency: Annually

Date of Last EDR Contact: 08/25/04  
Date of Next Scheduled EDR Contact: 11/22/04

### **Listing of Underground Tank Cleanup Sites**

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

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/02/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/14/04  
Date of Next Scheduled EDR Contact: 12/13/04

### **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: 09/29/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/13/04  
Date of Next Scheduled EDR Contact: 01/10/05

### **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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/02/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/14/04  
Date of Next Scheduled EDR Contact: 12/13/04

## YOLO COUNTY:

### Underground Storage Tank Comprehensive Facility Report

Source: Yolo County Department of Health  
Telephone: 530-666-8646

Date of Government Version: 06/02/04  
Database Release Frequency: Annually

Date of Last EDR Contact: 10/18/04  
Date of Next Scheduled EDR Contact: 01/17/05

## 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: 08/23/04  
Date of Next Scheduled EDR Contact: 11/22/04

### 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: 09/30/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/13/04  
Date of Next Scheduled EDR Contact: 01/10/05

### 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: 05/19/03  
Database Release Frequency: Varies

Date of Last EDR Contact: 11/17/04  
Date of Next Scheduled EDR Contact: 02/14/05

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

Source: California Regional Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6600

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

Date of Government Version: 09/07/04  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/16/04  
Date of Next Scheduled EDR Contact: 12/27/04

### LUST REG 5: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-3291

Date of Government Version: 10/01/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/22/04  
Date of Next Scheduled EDR Contact: 01/30/05

### 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/09/03  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/08/04  
Date of Next Scheduled EDR Contact: 12/06/04

**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: 08/09/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/04/04  
Date of Next Scheduled EDR Contact: 01/03/05

**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: 02/26/04  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/27/04  
Date of Next Scheduled EDR Contact: 12/27/04

**LUST REG 8:** Leaking Underground Storage Tanks  
Source: California Regional Water Quality Control Board Santa Ana Region (8)  
Telephone: 951-782-4130  
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: 07/01/04  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 11/10/04  
Date of Next Scheduled EDR Contact: 02/07/05

**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: 10/18/04  
Date of Next Scheduled EDR Contact: 01/17/05

## 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: 04/03/03  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/23/04  
Date of Next Scheduled EDR Contact: 11/22/04

**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: 09/30/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/13/04  
Date of Next Scheduled EDR Contact: 01/10/05

**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: 08/20/04  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/15/04  
Date of Next Scheduled EDR Contact: 02/14/05

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **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: 07/08/04

Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/25/04

Date of Next Scheduled EDR Contact: 01/24/05

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

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

Telephone: 916-464-3291

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

Date of Government Version: 04/01/04

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/06/04

Date of Next Scheduled EDR Contact: 01/03/05

## **SLIC REG 6L:** SLIC Sites

Source: California Regional Water Quality Control Board, Lahontan Region

Telephone: 530-542-5574

Date of Government Version: 09/07/04

Database Release Frequency: Varies

Date of Last EDR Contact: 09/07/04

Date of Next Scheduled EDR Contact: 12/06/04

## **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: 04/01/04

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/04/04

Date of Next Scheduled EDR Contact: 01/03/05

## **SLIC REG 7:** SLIC List

Source: California Regional Quality Control Board, Colorado River Basin Region

Telephone: 760-346-7491

Date of Government Version: 08/25/04

Database Release Frequency: Varies

Date of Last EDR Contact: 08/23/04

Date of Next Scheduled EDR Contact: 11/22/04

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

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

Telephone: 951-782-3298

Date of Government Version: 07/01/04

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/08/04

Date of Next Scheduled EDR Contact: 01/03/05

## **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: 09/10/04

Database Release Frequency: Annually

Date of Last EDR Contact: 08/30/04

Date of Next Scheduled EDR Contact: 11/29/04

## **EDR PROPRIETARY HISTORICAL DATABASES**

**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.

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# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## BROWNFIELDS DATABASES

### **VCP: Voluntary Cleanup Program Properties**

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

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/05/04  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/16/04  
Date of Next Scheduled EDR Contact: 11/29/04

### **US BROWNFIELDS: A Listing of Brownfields Sites**

Source: Environmental Protection Agency  
Telephone: 202-566-2777

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: N/A  
Database Release Frequency: Semi-Annually

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

## 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:** This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

### **Electric Power Transmission Line Data**

Source: PennWell Corporation  
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

### **AHA Hospitals:**

Source: American Hospital Association, Inc.  
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### **Medical Centers: Provider of Services Listing**

Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **Nursing Homes**

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

## **Public Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

## **Private Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

## **Daycare Centers: Licensed Facilities**

Source: Department of Social Services

Telephone: 916-657-4041

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

## **STREET AND ADDRESS INFORMATION**

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# GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

## TARGET PROPERTY ADDRESS

2801 AND 2813 FOOTHILL BLVD  
2801 FOOTHILL BLVD  
LA CRESCENTA, CA 91214

## TARGET PROPERTY COORDINATES

Latitude (North):	34.224098 - 34° 13' 26.8"
Longitude (West):	118.239899 - 118° 14' 23.6"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	385793.6
UTM Y (Meters):	3787504.0
Elevation:	1578 ft. above sea level

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).

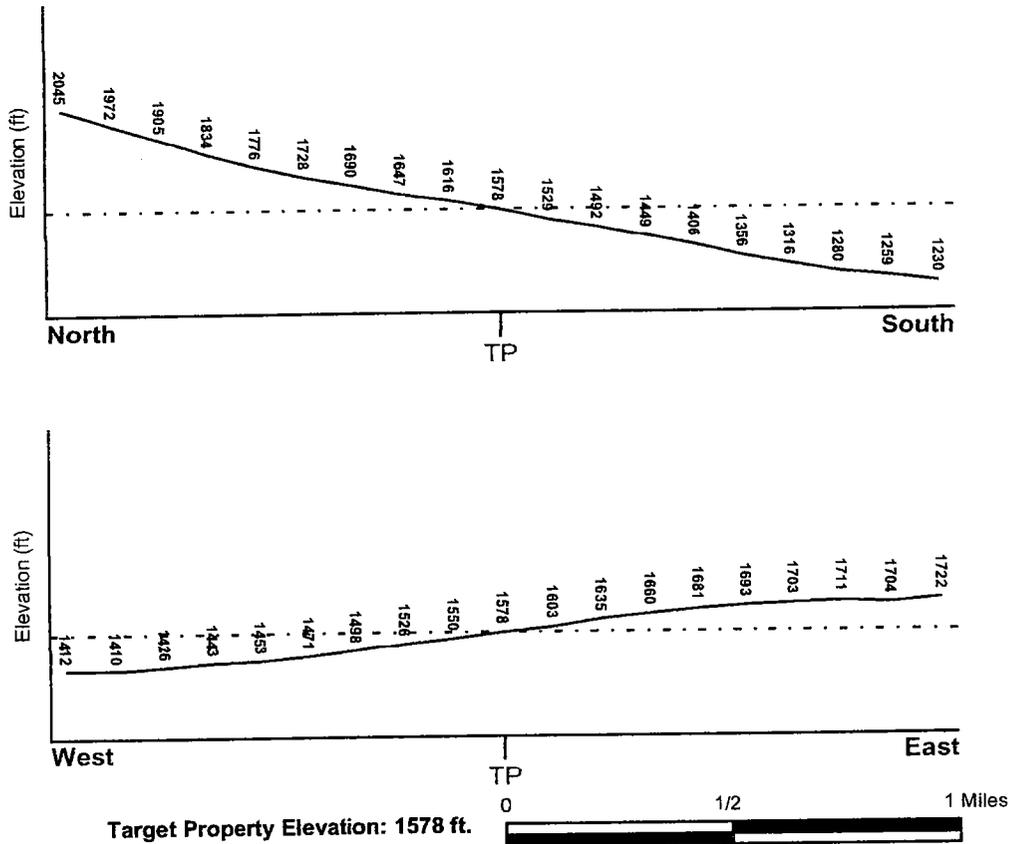
## TOPOGRAPHIC INFORMATION

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.

## TARGET PROPERTY TOPOGRAPHY

USGS Topographic Map: 34118-B2 PASADENA, CA  
 General Topographic Gradient: General SW  
 Source: USGS 7.5 min quad index

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## FEMA FLOOD ZONE

Target Property County  
LOS ANGELES, CA

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

Flood Plain Panel at Target Property: 0650430675B

Additional Panels in search area: 0650300000A  
0606690000A

## NATIONAL WETLAND INVENTORY

NWI Quad at Target Property  
PASADENA

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.

### Site-Specific Hydrogeological Data\*:

Search Radius: 1.25 miles  
Status: Not found

## AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

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

\* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### ROCK STRATIGRAPHIC UNIT

Era: Precambrian  
 System: Precambrian  
 Series: Orthogneiss and paragneiss  
 Code: Xm (decoded above as Era, System & Series)

#### GEOLOGIC AGE IDENTIFICATION

Category: Metamorphic Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

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

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### 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: loam  
clay  
silt loam  
clay loam  
sandy loam  
gravelly - sandy loam  
loamy sand  
fine sand  
coarse sand  
sand  
gravelly - sand

Surficial Soil Types: loam  
clay  
silt loam  
clay loam  
sandy loam  
gravelly - sandy loam  
loamy sand  
fine sand  
coarse sand  
sand  
gravelly - sand

Shallow Soil Types: fine sandy loam  
gravelly - loam  
sand  
silty clay

Deeper Soil Types: stratified  
clay loam  
silty clay loam  
gravelly - sandy loam  
coarse sand  
sand  
weathered bedrock  
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.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## 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**

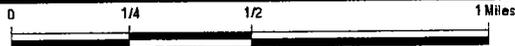
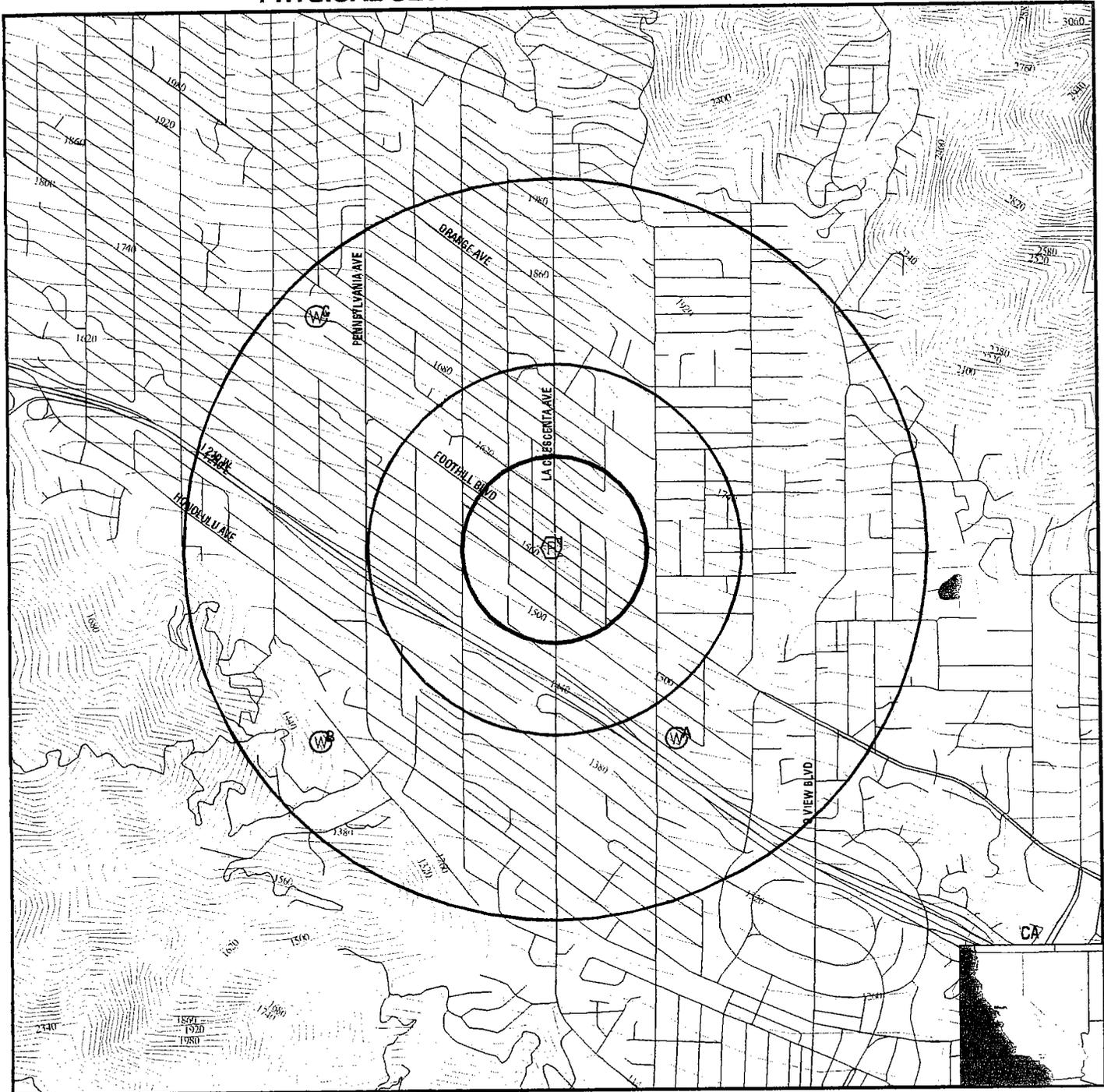
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CA1910028	0 - 1/8 Mile WNW

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>
A2	2084	1/2 - 1 Mile SSE
A3	2081	1/2 - 1 Mile SSE
A4	2082	1/2 - 1 Mile SSE
A5	2083	1/2 - 1 Mile SSE
B6	22699	1/2 - 1 Mile SW
B7	22697	1/2 - 1 Mile SW
B8	22696	1/2 - 1 Mile SW
B9	2080	1/2 - 1 Mile SW
B10	2077	1/2 - 1 Mile SW
B11	2078	1/2 - 1 Mile SW
B12	2079	1/2 - 1 Mile SW
C13	2076	1/2 - 1 Mile NW
C14	2073	1/2 - 1 Mile NW

# PHYSICAL SETTING SOURCE MAP - 01319891.1r



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

<p><b>TARGET PROPERTY:</b> 2801 and 2813 Foothill Blvd  <b>ADDRESS:</b> 2801 Foothill Blvd  <b>CITY/STATE/ZIP:</b> La Crescenta CA 91214  <b>LAT/LONG:</b> 34.2241 / 118.2399</p>	<p><b>CUSTOMER:</b> Converse Consult Inland Empire  <b>CONTACT:</b> Cindy Wheatley  <b>INQUIRY #:</b> 01319891.1r  <b>DATE:</b> December 06, 2004 9:46 am</p>
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# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**1**      **FRDS PWS**      **CA1910028**  
**WNW**  
**0 - 1/8 Mile**  
**Higher**

PWS ID:                      CA1910028      PWS Status:      Not Reported  
 Date Initiated:            Not Reported      Date Deactivated: Not Reported  
 PWS Name:                  CRESCENTA VALLEY CWD  
                                     LA CRESCENTA, CA 91214

Addressee / Facility:      Not Reported

Facility Latitude:          34 13 27                      Facility Longitude: 118 14 21  
 City Served:                LA CRESCENTA  
 Treatment Class:          Mixed (treated and untreated)      Population:      31000

PWS currently has or had major violation(s) or enforcement:      Yes

Violations information not reported.

**ENFORCEMENT INFORMATION:**

System Name:                CRESCENTA VALLEY CWD  
 Violation Type:             Initial Tap Sampling for Pb and Cu  
 Contaminant:                LEAD & COPPER RULE  
 Compliance Period:        1992-07-01 - 2015-12-31                      Analytical Value:      0000000.000000000  
 Violation ID:                93V0001    Enforcement ID:        93E0001  
 Enforcement Date:         1993-12-15                                        Enf. Action:            Fed Compliance Achieved

System Name:                CRESCENTA VALLEY CWD  
 Violation Type:             MCL, Monthly (TCR)  
 Contaminant:                COLIFORM (TCR)  
 Compliance Period:        1994-02-01 - 1994-02-28                      Analytical Value:      00000000.00  
 Violation ID:                9407002    Enforcement ID:        9407007  
 Enforcement Date:         1994-04-15                                        Enf. Action:            State Formal NOV Issued

System Name:                CRESCENTA VALLEY CWD  
 Violation Type:             MCL, Monthly (TCR)  
 Contaminant:                COLIFORM (TCR)  
 Compliance Period:        1994-02-01 - 1994-02-28                      Analytical Value:      00000000.00  
 Violation ID:                9407002    Enforcement ID:        9507009  
 Enforcement Date:         1995-08-18                                        Enf. Action:            State Formal NOV Issued

**A2**  
**SSE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      2084**

**Water System Information:**

Prime Station Code:	02N/13W-33R06 S	User ID:	4TH
FRDS Number:	1910028012	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341300.0 1181400.0	Precision:	Undefined
Source Name:	WELL 12		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number: 1910028  
 System Name: CRESCENTA VALLEY CWD  
 Organization That Operates System:  
 2700 FOOTHILL BLVD  
 LA CRESCENTA, CA 91214  
 Pop Served: 31000  
 Area Served: LA CRESCENTA  
 Connections: 7950

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

Sample Collected:	06/13/1985	Findings:	.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/13/1985	Findings:	4.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/13/1985	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	06/13/1985	Findings:	.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/01/1985	Findings:	.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/01/1985	Findings:	6.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/01/1985	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	08/01/1985	Findings:	1.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/01/1985	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	07/10/1989	Findings:	.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/10/1989	Findings:	1.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/10/1989	Findings:	.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/05/1989	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/04/1990	Findings:	.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/04/1990	Findings:	2.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/04/1990	Findings:	.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/18/1990	Findings:	.700 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	12/18/1990	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/18/1990	Findings:	.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/09/1993	Findings:	725.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/09/1993	Findings:	6.900
Chemical:	PH (LABORATORY)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/09/1993	Findings:	160.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )		
Sample Collected:	02/09/1993	Findings:	195.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/09/1993	Findings:	.101 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	02/09/1993	Findings:	287.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	02/09/1993	Findings:	69.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/09/1993	Findings:	28.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/09/1993	Findings:	30.000 MG/L
Chemical:	SODIUM		
Sample Collected:	02/09/1993	Findings:	2.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/09/1993	Findings:	65.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/09/1993	Findings:	.240 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/09/1993	Findings:	120.000 UG/L
Chemical:	ZINC		
Sample Collected:	02/09/1993	Findings:	3.900 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/09/1993	Findings:	2.200 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/09/1993	Findings:	4.800 PC/L
Chemical:	GROSS BETA		
Sample Collected:	02/09/1993	Findings:	1.400 PC/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	02/09/1993	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/09/1993	Findings:	410.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/09/1993	Findings:	-.400
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/09/1993	Findings:	.001 MG/L
Chemical:	HYDROXIDE ALKALINITY		
Sample Collected:	02/09/1993	Findings:	57.200 MG/L
Chemical:	NITRATE (AS NO <sub>3</sub> )		
Sample Collected:	02/09/1993	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/12/1993	Findings:	2.900 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/12/1993	Findings:	1.300 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/12/1993	Findings:	5.200 PC/L
Chemical:	GROSS BETA		
Sample Collected:	10/12/1993	Findings:	1.200 PC/L
Chemical:	GROSS BETA COUNTING ERROR		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/12/1993	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/20/1993	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/11/1994	Findings:	3.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/11/1994	Findings:	2.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/11/1994	Findings:	5.600 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	01/11/1994	Findings:	1.900 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	01/11/1994	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/22/1994	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/22/1994	Findings:	62.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/21/1994	Findings:	1.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/28/1994	Findings:	3.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/28/1994	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/28/1994	Findings:	1.300 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/28/1994	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/16/1994	Findings:	1.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/16/1994	Findings:	60.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/20/1994	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/18/1994	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/16/1994	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/16/1994	Findings:	57.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/20/1994	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/18/1994	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/15/1994	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/15/1994	Findings:	57.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/20/1994	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/21/1995	Findings:	2.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/21/1995	Findings:	62.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/16/1995	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/16/1995	Findings:	63.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/15/1995	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/15/1995	Findings:	64.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/21/1995	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/21/1995	Findings:	71.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/06/1996	Findings:	810.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/06/1996	Findings:	7.000
Chemical:	PH (LABORATORY)		
Sample Collected:	02/06/1996	Findings:	146.400 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	02/06/1996	Findings:	178.600 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/06/1996	Findings:	330.400 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	02/06/1996	Findings:	84.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/06/1996	Findings:	30.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/06/1996	Findings:	34.600 MG/L
Chemical:	SODIUM		
Sample Collected:	02/06/1996	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/06/1996	Findings:	69.300 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/06/1996	Findings:	114.000 UG/L
Chemical:	BARIUM		
Sample Collected:	02/06/1996	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/06/1996	Findings:	496.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/06/1996	Findings:	69.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/06/1996	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/06/1996	Findings:	15643.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	02/06/1996	Findings:	70.600 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/07/1996	Findings:	71.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/06/1996	Findings:	67.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/06/1996	Findings:	2.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/17/1996	Findings:	66.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/01/1996	Findings:	57.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/05/1996	Findings:	2.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/05/1996	Findings:	60.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/04/1997	Findings:	64.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/01/1997	Findings:	70.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/01/1997	Findings:	2.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/06/1997	Findings:	2.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/06/1997	Findings:	57.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/03/1997	Findings:	69.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/01/1997	Findings:	65.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/05/1997	Findings:	3.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/05/1997	Findings:	66.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/02/1997	Findings:	66.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/07/1997	Findings:	64.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/04/1997	Findings:	71.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/04/1997	Findings:	3.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/02/1997	Findings:	63.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/06/1998	Findings:	54.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/03/1998	Findings:	63.900 MG/L
Chemical:	NITRATE (AS NO3)		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**A3**  
**SSE**  
 1/2 - 1 Mile  
 Lower

**CA WELLS      2081**

**Water System Information:**

Prime Station Code:	02N/13W-33R01 S	User ID:	4TH
FRDS Number:	1910028013	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341300.0 1181400.0	Precision:	Undefined
Source Name:	WELL 14		
System Number:	1910028		
System Name:	CRESCENTA VALLEY CWD		
Organization That Operates System:	2700 FOOTHILL BLVD LA CRESCENTA, CA 91214		
Pop Served:	31000	Connections:	7950
Area Served:	LA CRESCENTA		

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

Sample Collected:	07/10/1989	Findings:	9.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/10/1989	Findings:	1.400 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/05/1989	Findings:	2.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/05/1989	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/05/1989	Findings:	2.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/04/1990	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/04/1990	Findings:	1.000 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/18/1990	Findings:	8.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/18/1990	Findings:	2.100 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	02/09/1993	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	02/09/1993	Findings:	705.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/09/1993	Findings:	7.200
Chemical:	PH (LABORATORY)		
Sample Collected:	02/09/1993	Findings:	165.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	02/09/1993	Findings:	201.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/09/1993	Findings:	.207 MG/L
Chemical:	CARBONATE ALKALINITY		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/09/1993	Findings:	281.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	02/09/1993	Findings:	68.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/09/1993	Findings:	27.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/09/1993	Findings:	30.000 MG/L
Chemical:	SODIUM		
Sample Collected:	02/09/1993	Findings:	2.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/09/1993	Findings:	56.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/09/1993	Findings:	.330 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/09/1993	Findings:	6.500 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/09/1993	Findings:	2.600 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/09/1993	Findings:	1.300 PC/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	02/09/1993	Findings:	5.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/09/1993	Findings:	410.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/09/1993	Findings:	-.100
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/09/1993	Findings:	.003 MG/L
Chemical:	HYDROXIDE ALKALINITY		
Sample Collected:	02/09/1993	Findings:	52.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/09/1993	Findings:	1.300 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	02/09/1993	Findings:	.050 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/11/1993	Findings:	4.000 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/11/1993	Findings:	2.300 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/11/1993	Findings:	4.300 PC/L
Chemical:	GROSS BETA		
Sample Collected:	10/11/1993	Findings:	1.800 PC/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	10/11/1993	Findings:	7.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/11/1993	Findings:	1.500 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	12/20/1993	Findings:	7.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/11/1994	Findings:	4.000 PC/L
Chemical:	GROSS ALPHA		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/11/1994	Findings:	2.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/11/1994	Findings:	1.400 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	01/11/1994	Findings:	6.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/11/1994	Findings:	1.200 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	02/22/1994	Findings:	6.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/22/1994	Findings:	48.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/21/1994	Findings:	9.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/28/1994	Findings:	6.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/28/1994	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/28/1994	Findings:	5.300 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	03/28/1994	Findings:	1.400 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/28/1994	Findings:	.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/28/1994	Findings:	8.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/28/1994	Findings:	.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/28/1994	Findings:	1.700 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	03/28/1994	Findings:	.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/16/1994	Findings:	7.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/16/1994	Findings:	53.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/20/1994	Findings:	7.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/18/1994	Findings:	7.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/16/1994	Findings:	5.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/16/1994	Findings:	61.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/20/1994	Findings:	5.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/18/1994	Findings:	5.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/15/1994	Findings:	5.700 UG/L
Chemical:	TETRACHLOROETHYLENE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/15/1994	Findings:	52.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/20/1994	Findings:	4.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/21/1995	Findings:	5.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/21/1995	Findings:	62.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/21/1995	Findings:	.800 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	05/16/1995	Findings:	5.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/16/1995	Findings:	59.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/15/1995	Findings:	56.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/15/1995	Findings:	6.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/21/1995	Findings:	5.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/21/1995	Findings:	50.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/06/1996	Findings:	54.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/06/1996	Findings:	720.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/06/1996	Findings:	7.200
Chemical:	PH (LABORATORY)		
Sample Collected:	02/06/1996	Findings:	168.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	02/06/1996	Findings:	205.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/06/1996	Findings:	300.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	02/06/1996	Findings:	81.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/06/1996	Findings:	27.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/06/1996	Findings:	30.500 MG/L
Chemical:	SODIUM		
Sample Collected:	02/06/1996	Findings:	2.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/06/1996	Findings:	54.700 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/06/1996	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/06/1996	Findings:	5.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/06/1996	Findings:	437.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/06/1996	Findings:	50.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/06/1996	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/06/1996	Findings:	11309.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	03/12/1996	Findings:	53.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/19/1996	Findings:	61.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/26/1996	Findings:	61.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/07/1996	Findings:	57.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/06/1996	Findings:	8.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/06/1996	Findings:	60.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/20/1996	Findings:	54.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/17/1996	Findings:	47.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/01/1996	Findings:	51.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/05/1996	Findings:	55.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/05/1996	Findings:	7.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/04/1997	Findings:	6.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/04/1997	Findings:	52.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/21/1997	Findings:	7.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/04/1997	Findings:	1.300 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/04/1997	Findings:	6.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/04/1997	Findings:	59.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/04/1997	Findings:	1.300 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	04/01/1997	Findings:	41.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/06/1997	Findings:	6.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/06/1997	Findings:	51.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/03/1997	Findings:	59.600 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/01/1997	Findings:	56.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/05/1997	Findings:	5.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/05/1997	Findings:	51.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/02/1997	Findings:	55.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/07/1997	Findings:	52.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/04/1997	Findings:	8.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/04/1997	Findings:	54.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/02/1997	Findings:	56.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/06/1998	Findings:	44.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/03/1998	Findings:	50.000 MG/L
Chemical:	NITRATE (AS NO3)		

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

**CA WELLS 2082**

**Water System Information:**

Prime Station Code:	02N/13W-33R03 S	User ID:	4TH
FRDS Number:	1910028006	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341300.0 1181400.0	Precision:	Undefined
Source Name:	WELL 06		
System Number:	1910028		
System Name:	CRESCENTA VALLEY CWD		
Organization That Operates System:	2700 FOOTHILL BLVD		
	LA CRESCENTA, CA 91214		
Pop Served:	31000	Connections:	7950
Area Served:	LA CRESCENTA		

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

Sample Collected:	09/04/1990	Findings:	.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/04/1990	Findings:	.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/10/1993	Findings:	10.000 UNITS
Chemical:	COLOR		
Sample Collected:	02/10/1993	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	02/10/1993	Findings:	770.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/10/1993	Findings:	7.100
Chemical:	PH (LABORATORY)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/10/1993	Findings:	150.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	02/10/1993	Findings:	183.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/10/1993	Findings:	.150 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	02/10/1993	Findings:	291.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	02/10/1993	Findings:	69.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/10/1993	Findings:	29.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/10/1993	Findings:	37.000 MG/L
Chemical:	SODIUM		
Sample Collected:	02/10/1993	Findings:	3.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/10/1993	Findings:	78.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/10/1993	Findings:	.170 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/10/1993	Findings:	130.000 UG/L
Chemical:	BARIUM		
Sample Collected:	02/10/1993	Findings:	4100.000 UG/L
Chemical:	IRON		
Sample Collected:	02/10/1993	Findings:	8.000 UG/L
Chemical:	LEAD		
Sample Collected:	02/10/1993	Findings:	110.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	02/10/1993	Findings:	140.000 UG/L
Chemical:	ALUMINUM		
Sample Collected:	02/10/1993	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/10/1993	Findings:	.900 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	02/10/1993	Findings:	450.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/10/1993	Findings:	- .200
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/10/1993	Findings:	.002 MG/L
Chemical:	HYDROXIDE ALKALINITY		
Sample Collected:	02/10/1993	Findings:	52.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/10/1993	Findings:	18.000 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/12/1993	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/12/1993	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/12/1993	Findings:	4.300 PCI/L
Chemical:	GROSS BETA		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/12/1993	Findings:	1.300 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	12/20/1993	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/11/1994	Findings:	3.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/11/1994	Findings:	2.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/11/1994	Findings:	1.700 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	01/11/1994	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/22/1994	Findings:	40.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/21/1994	Findings:	2.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/28/1994	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/28/1994	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/28/1994	Findings:	1.300 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/28/1994	Findings:	.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/16/1994	Findings:	42.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/16/1994	Findings:	31.680 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/18/1994	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/15/1994	Findings:	.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/15/1994	Findings:	39.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/20/1994	Findings:	1.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/21/1995	Findings:	1.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/21/1995	Findings:	48.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/16/1995	Findings:	37.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/16/1995	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/15/1995	Findings:	38.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/21/1995	Findings:	36.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/06/1996	Findings:	790.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/06/1996	Findings:	7.000
Chemical:	PH (LABORATORY)		
Sample Collected:	02/06/1996	Findings:	152.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	02/06/1996	Findings:	185.400 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/06/1996	Findings:	314.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	02/06/1996	Findings:	76.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/06/1996	Findings:	30.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/06/1996	Findings:	38.900 MG/L
Chemical:	SODIUM		
Sample Collected:	02/06/1996	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/06/1996	Findings:	68.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/06/1996	Findings:	115.000 UG/L
Chemical:	BARIUM		
Sample Collected:	02/06/1996	Findings:	1.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/06/1996	Findings:	477.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/06/1996	Findings:	51.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/06/1996	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/06/1996	Findings:	11512.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	02/06/1996	Findings:	53.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/12/1996	Findings:	28.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/19/1996	Findings:	37.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/26/1996	Findings:	40.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/07/1996	Findings:	49.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/04/1996	Findings:	48.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/11/1996	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/06/1996	Findings:	36.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/06/1996	Findings:	.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/20/1996	Findings:	29.000 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/17/1996	Findings:	42.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/01/1996	Findings:	44.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/05/1996	Findings:	54.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/05/1996	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/04/1997	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/04/1997	Findings:	54.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/01/1997	Findings:	50.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/06/1997	Findings:	41.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/06/1997	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/03/1997	Findings:	45.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/01/1997	Findings:	46.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/05/1997	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/05/1997	Findings:	47.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/02/1997	Findings:	54.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/07/1997	Findings:	48.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/04/1997	Findings:	2.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/04/1997	Findings:	60.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/02/1997	Findings:	58.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/06/1998	Findings:	53.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/03/1998	Findings:	54.700 MG/L
Chemical:	NITRATE (AS NO3)		

A5  
SSE  
1/2 - 1 Mile  
Lower

CA WELLS 2083

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**Water System Information:**

Prime Station Code:	02N/13W-33R05 S	User ID:	4TH
FRDS Number:	1910028010	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341300.0 1181400.0	Precision:	Undefined
Source Name:	WELL 10		
System Number:	1910028		
System Name:	CRESCENTA VALLEY CWD		
Organization That Operates System:	2700 FOOTHILL BLVD LA CRESCENTA, CA 91214		
Pop Served:	31000	Connections:	7950
Area Served:	LA CRESCENTA		

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

Sample Collected:	01/26/1988	Findings:	800.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/26/1988	Findings:	6.900
Chemical:	PH (LABORATORY)		
Sample Collected:	01/26/1988	Findings:	150.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	01/26/1988	Findings:	183.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/26/1988	Findings:	.099 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	01/26/1988	Findings:	316.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	01/26/1988	Findings:	77.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/26/1988	Findings:	29.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/26/1988	Findings:	31.800 MG/L
Chemical:	SODIUM		
Sample Collected:	01/26/1988	Findings:	3.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/26/1988	Findings:	64.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/26/1988	Findings:	.190 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/26/1988	Findings:	75.000 UG/L
Chemical:	COPPER		
Sample Collected:	01/26/1988	Findings:	470.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/26/1988	Findings:	- .500
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	01/26/1988	Findings:	83.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/10/1989	Findings:	.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/10/1989	Findings:	2.900 UG/L
Chemical:	TETRACHLOROETHYLENE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/10/1989	Findings:	.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/10/1989	Findings:	.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/05/1989	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/04/1990	Findings:	.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/04/1990	Findings:	2.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/04/1990	Findings:	.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/04/1990	Findings:	.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/18/1990	Findings:	.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/18/1990	Findings:	3.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/18/1990	Findings:	.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/18/1990	Findings:	.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/09/1993	Findings:	710.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/09/1993	Findings:	7.000
Chemical:	PH (LABORATORY)		
Sample Collected:	02/09/1993	Findings:	155.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )		
Sample Collected:	02/09/1993	Findings:	189.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/09/1993	Findings:	.123 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	02/09/1993	Findings:	281.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	02/09/1993	Findings:	68.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/09/1993	Findings:	27.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/09/1993	Findings:	25.000 MG/L
Chemical:	SODIUM		
Sample Collected:	02/09/1993	Findings:	2.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/09/1993	Findings:	60.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/09/1993	Findings:	.230 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/09/1993	Findings:	3.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/09/1993	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/09/1993	Findings:	1.300 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	02/09/1993	Findings:	1.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/09/1993	Findings:	400.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/09/1993	Findings:	- .300
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/09/1993	Findings:	.002 MG/L
Chemical:	HYDROXIDE ALKALINITY		
Sample Collected:	02/09/1993	Findings:	61.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/09/1993	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/12/1993	Findings:	.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/12/1993	Findings:	1.700 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	10/12/1993	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/20/1993	Findings:	2.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/11/1994	Findings:	4.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/11/1994	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/11/1994	Findings:	.800 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	01/11/1994	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/22/1994	Findings:	1.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/22/1994	Findings:	62.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/21/1994	Findings:	2.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/28/1994	Findings:	3.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/28/1994	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/28/1994	Findings:	4.100 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	03/28/1994	Findings:	1.100 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/28/1994	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/16/1994	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/16/1994	Findings:	63.000 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/20/1994	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/18/1994	Findings:	1.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/16/1994	Findings:	1.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/16/1994	Findings:	61.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/20/1994	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/18/1994	Findings:	1.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/15/1994	Findings:	1.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/15/1994	Findings:	59.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/20/1994	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/21/1995	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/21/1995	Findings:	63.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/16/1995	Findings:	1.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/16/1995	Findings:	81.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/15/1995	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/15/1995	Findings:	69.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/21/1995	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/21/1995	Findings:	74.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/06/1996	Findings:	71.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/06/1996	Findings:	800.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/06/1996	Findings:	7.000
Chemical:	PH (LABORATORY)		
Sample Collected:	02/06/1996	Findings:	149.600 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	02/06/1996	Findings:	182.500 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/06/1996	Findings:	327.200 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	02/06/1996	Findings:	86.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/06/1996	Findings:	30.500 MG/L
Chemical:	MAGNESIUM		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/06/1996	Findings:	31.000 MG/L
Chemical:	SODIUM		
Sample Collected:	02/06/1996	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/06/1996	Findings:	68.900 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/06/1996	Findings:	107.000 UG/L
Chemical:	BARIUM		
Sample Collected:	02/06/1996	Findings:	2.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/06/1996	Findings:	488.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/06/1996	Findings:	69.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/06/1996	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/06/1996	Findings:	15779.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	03/12/1996	Findings:	69.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/06/1996	Findings:	3.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/06/1996	Findings:	70.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/17/1996	Findings:	65.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/01/1996	Findings:	63.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/05/1996	Findings:	2.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/05/1996	Findings:	67.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/04/1997	Findings:	64.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/04/1997	Findings:	70.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/04/1997	Findings:	2.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/01/1997	Findings:	72.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/06/1997	Findings:	2.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/06/1997	Findings:	62.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/03/1997	Findings:	67.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/01/1997	Findings:	65.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/05/1997	Findings:	3.000 UG/L
Chemical:	TETRACHLOROETHYLENE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/05/1997	Findings:	66.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/02/1997	Findings:	64.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/07/1997	Findings:	60.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/04/1997	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/04/1997	Findings:	69.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/02/1997	Findings:	72.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/06/1998	Findings:	53.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/03/1998	Findings:	61.200 MG/L
Chemical:	NITRATE (AS NO3)		

**B6  
SW  
1/2 - 1 Mile  
Lower**

**CA WELLS 22699**

**Water System Information:**

Prime Station Code:	G19/028-VOBLEF1	User ID:	4TH
FRDS Number:	1910028015	County:	Los Angeles
District Number:	07	Station Type:	Not Reported
Water Type:	Well/Groundwater	Well Status:	Distribution System Sample Point Treated
Source Lat/Long:	341300.0 1181500.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	GLENWOOD PLANT - PCE BLEND		
System Number:	1910028		
System Name:	CRESCENTA VALLEY CWD		
Organization That Operates System:	2700 FOOTHILL BLVD LA CRESCENTA, CA 91214	Connections:	7950
Pop Served:	31000		
Area Served:	LA CRESCENTA		

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

Sample Collected:	03/12/1996	Findings:	22.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/19/1996	Findings:	24.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/26/1996	Findings:	22.400 MG/L
Chemical:	NITRATE (AS NO3)		

**B7  
SW  
1/2 - 1 Mile  
Lower**

**CA WELLS 22697**

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

**Water System Information:**

Prime Station Code:	G19/028-NTBLRE2	User ID:	4TH
FRDS Number:	1910028014	County:	Los Angeles
District Number:	07	Station Type:	RESVR/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Distribution System Sample Point Treated
Source Lat/Long:	341300.0 1181500.0	Precision:	1 Mile (One Minute)
Source Name:	ENCINAL RESERVOIR - NITRATE BLEND		
System Number:	1910028		
System Name:	CRESCENTA VALLEY CWD		
Organization That Operates System:	2700 FOOTHILL BLVD LA CRESCENTA, CA 91214	Connections:	7950
Pop Served:	31000		
Area Served:	LA CRESCENTA		

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

Sample Collected:	12/06/1993	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/06/1993	Findings:	31.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/13/1993	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/13/1993	Findings:	29.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/20/1993	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/20/1993	Findings:	30.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/27/1993	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/27/1993	Findings:	32.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/03/1994	Findings:	36.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/18/1994	Findings:	1.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/18/1994	Findings:	38.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/24/1994	Findings:	.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/24/1994	Findings:	38.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/31/1994	Findings:	.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/31/1994	Findings:	39.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/07/1994	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/07/1994	Findings:	39.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/14/1994	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/14/1994	Findings:	31.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/15/1994	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/22/1994	Findings:	6.300 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	02/22/1994	Findings:	5.100 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	02/22/1994	Findings:	9.000 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	02/22/1994	Findings:	4.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/22/1994	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/22/1994	Findings:	36.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/22/1994	Findings:	25.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/28/1994	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/28/1994	Findings:	37.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/28/1994	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/28/1994	Findings:	37.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/07/1994	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/07/1994	Findings:	38.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/14/1994	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/14/1994	Findings:	42.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/14/1994	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/14/1994	Findings:	42.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/21/1994	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/21/1994	Findings:	44.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/28/1994	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/28/1994	Findings:	41.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/04/1994	Findings:	38.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/25/1994	Findings:	40.000 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/25/1994	Findings:	32.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/02/1994	Findings:	29.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/02/1994	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/02/1994	Findings:	24.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/02/1994	Findings:	24.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/09/1994	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/09/1994	Findings:	30.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/09/1994	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/09/1994	Findings:	30.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/16/1994	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/16/1994	Findings:	29.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/17/1994	Findings:	28.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/23/1994	Findings:	24.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/31/1994	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/31/1994	Findings:	27.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/06/1994	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/06/1994	Findings:	26.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/13/1994	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/13/1994	Findings:	27.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/20/1994	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/20/1994	Findings:	28.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/27/1994	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/27/1994	Findings:	33.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/05/1994	Findings:	29.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/02/1994	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/02/1994	Findings:	28.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/03/1994	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/09/1994	Findings:	11.000 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	08/09/1994	Findings:	4.000 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	08/09/1994	Findings:	13.500 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	08/09/1994	Findings:	6.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/09/1994	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/09/1994	Findings:	27.280 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/09/1994	Findings:	34.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	08/16/1994	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/16/1994	Findings:	26.840 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/23/1994	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/23/1994	Findings:	32.560 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/30/1994	Findings:	28.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/06/1994	Findings:	30.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/13/1994	Findings:	31.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/20/1994	Findings:	2.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/20/1994	Findings:	28.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/27/1994	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/27/1994	Findings:	26.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/04/1994	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/04/1994	Findings:	23.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/11/1994	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/11/1994	Findings:	29.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/18/1994	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/18/1994	Findings:	25.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/25/1994	Findings:	.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/25/1994	Findings:	22.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/01/1994	Findings:	23.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/01/1994	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/08/1994	Findings:	23.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/08/1994	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/15/1994	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/15/1994	Findings:	21.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/22/1994	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/22/1994	Findings:	26.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/29/1994	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/29/1994	Findings:	28.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/05/1994	Findings:	.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/05/1994	Findings:	25.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/13/1994	Findings:	30.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/13/1994	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/20/1994	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/20/1994	Findings:	34.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/27/1994	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/27/1994	Findings:	29.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/03/1995	Findings:	32.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/12/1995	Findings:	33.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/17/1995	Findings:	34.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/26/1995	Findings:	35.800 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/31/1995	Findings:	35.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/07/1995	Findings:	29.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/15/1995	Findings:	30.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/21/1995	Findings:	.900 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	02/21/1995	Findings:	1.400 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	02/21/1995	Findings:	.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/21/1995	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/21/1995	Findings:	31.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/21/1995	Findings:	3.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/28/1995	Findings:	34.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/07/1995	Findings:	36.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/14/1995	Findings:	36.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/22/1995	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/22/1995	Findings:	38.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/28/1995	Findings:	36.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/04/1995	Findings:	36.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/11/1995	Findings:	34.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/18/1995	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/18/1995	Findings:	33.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/03/1995	Findings:	33.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/09/1995	Findings:	35.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/16/1995	Findings:	36.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/16/1995	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/23/1995	Findings:	37.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/30/1995	Findings:	38.100 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/07/1995	Findings:	38.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/13/1995	Findings:	38.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/20/1995	Findings:	1.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/20/1995	Findings:	41.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/27/1995	Findings:	40.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/03/1995	Findings:	38.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/11/1995	Findings:	37.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/18/1995	Findings:	37.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/18/1995	Findings:	1.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/25/1995	Findings:	38.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/01/1995	Findings:	35.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/08/1995	Findings:	35.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/15/1995	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/15/1995	Findings:	37.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/22/1995	Findings:	40.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/29/1995	Findings:	38.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/05/1995	Findings:	36.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/12/1995	Findings:	36.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/19/1995	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/19/1995	Findings:	34.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/26/1995	Findings:	36.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/03/1995	Findings:	37.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/10/1995	Findings:	36.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/17/1995	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/17/1995	Findings:	37.000 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/24/1995	Findings:	38.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/31/1995	Findings:	38.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/07/1995	Findings:	36.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/14/1995	Findings:	38.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/21/1995	Findings:	1.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/21/1995	Findings:	39.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/28/1995	Findings:	25.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/05/1995	Findings:	30.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/12/1995	Findings:	29.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/19/1995	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/19/1995	Findings:	32.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/26/1995	Findings:	31.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/02/1996	Findings:	32.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/09/1996	Findings:	33.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/16/1996	Findings:	2.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/16/1996	Findings:	34.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/23/1996	Findings:	30.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/30/1996	Findings:	31.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/06/1996	Findings:	33.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/06/1996	Findings:	1.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/13/1996	Findings:	33.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/22/1996	Findings:	32.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/27/1996	Findings:	34.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/05/1996	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/05/1996	Findings:	40.000 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/12/1996	Findings:	33.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/19/1996	Findings:	34.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/26/1996	Findings:	35.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/30/1996	Findings:	33.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/07/1996	Findings:	30.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/14/1996	Findings:	31.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/21/1996	Findings:	38.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/28/1996	Findings:	39.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/04/1996	Findings:	27.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/04/1996	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/04/1996	Findings:	27.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/11/1996	Findings:	29.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/12/1996	Findings:	37.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/13/1996	Findings:	38.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/17/1996	Findings:	30.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/18/1996	Findings:	37.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/25/1996	Findings:	36.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/03/1996	Findings:	38.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/10/1996	Findings:	31.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/16/1996	Findings:	31.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/23/1996	Findings:	32.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/30/1996	Findings:	33.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/06/1996	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/06/1996	Findings:	37.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/13/1996	Findings:	31.600 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/20/1996	Findings:	29.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/27/1996	Findings:	28.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/03/1996	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/03/1996	Findings:	24.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/10/1996	Findings:	32.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/17/1996	Findings:	32.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/24/1996	Findings:	27.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/01/1996	Findings:	32.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/01/1996	Findings:	1.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/08/1996	Findings:	35.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/15/1996	Findings:	35.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/22/1996	Findings:	36.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/29/1996	Findings:	30.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/05/1996	Findings:	29.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/05/1996	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/12/1996	Findings:	32.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/19/1996	Findings:	32.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/26/1996	Findings:	32.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/03/1996	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/03/1996	Findings:	33.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/10/1996	Findings:	33.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/17/1996	Findings:	25.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/24/1996	Findings:	35.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/31/1996	Findings:	34.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/07/1997	Findings:	35.100 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/07/1997	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/14/1997	Findings:	25.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/21/1997	Findings:	33.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/28/1997	Findings:	30.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/04/1997	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/04/1997	Findings:	37.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/11/1997	Findings:	32.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/18/1997	Findings:	21.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/21/1997	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/25/1997	Findings:	27.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/04/1997	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/04/1997	Findings:	31.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/11/1997	Findings:	31.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/18/1997	Findings:	36.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/25/1997	Findings:	33.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/01/1997	Findings:	33.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/01/1997	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/08/1997	Findings:	29.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/15/1997	Findings:	24.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/22/1997	Findings:	28.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/29/1997	Findings:	20.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/06/1997	Findings:	25.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/13/1997	Findings:	21.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/20/1997	Findings:	25.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/27/1997	Findings:	35.600 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/03/1997	Findings:	38.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/10/1997	Findings:	24.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/01/1997	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/01/1997	Findings:	32.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/08/1997	Findings:	15.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/15/1997	Findings:	15.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/22/1997	Findings:	21.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/29/1997	Findings:	21.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/05/1997	Findings:	26.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/05/1997	Findings:	1.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/12/1997	Findings:	22.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/19/1997	Findings:	33.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/26/1997	Findings:	32.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/02/1997	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/02/1997	Findings:	27.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/09/1997	Findings:	31.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/16/1997	Findings:	31.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/23/1997	Findings:	34.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/30/1997	Findings:	35.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/07/1997	Findings:	29.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/07/1997	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/14/1997	Findings:	30.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/21/1997	Findings:	31.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/28/1997	Findings:	32.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/04/1997	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/04/1997	Findings:	30.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/11/1997	Findings:	29.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/18/1997	Findings:	29.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/25/1997	Findings:	32.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/02/1997	Findings:	35.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/09/1997	Findings:	38.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/16/1997	Findings:	34.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/23/1997	Findings:	29.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/30/1997	Findings:	34.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/06/1998	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/06/1998	Findings:	29.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/20/1998	Findings:	25.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/27/1998	Findings:	28.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/03/1998	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/03/1998	Findings:	31.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/10/1998	Findings:	34.600 MG/L
Chemical:	NITRATE (AS NO3)		

**B8**  
**SW**  
 1/2 - 1 Mile  
 Lower

**CA WELLS 22696**

**Water System Information:**

Prime Station Code:	G19/028-NTBLRE1	User ID:	4TH
FRDS Number:	1910028017	County:	Los Angeles
District Number:	07	Station Type:	RESVR/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Distribution System Sample Point Treated
Source Lat/Long:	341300.0 1181500.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	OAK CREEK RESERVOIR - NITRATE BLEND		
System Number:	1910028		
System Name:	CRESCENTA VALLEY CWD		
Organization That Operates System:	2700 FOOTHILL BLVD		
	LA CRESCENTA, CA 91214		
Pop Served:	31000	Connections:	7950
Area Served:	LA CRESCENTA		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

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

Sample Collected:	12/06/1993	Findings:	33.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/13/1993	Findings:	57.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/20/1993	Findings:	33.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/27/1993	Findings:	44.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/03/1994	Findings:	38.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/10/1994	Findings:	35.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/18/1994	Findings:	40.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/24/1994	Findings:	37.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/07/1994	Findings:	38.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/14/1994	Findings:	37.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/22/1994	Findings:	37.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/28/1994	Findings:	33.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/28/1994	Findings:	33.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/07/1994	Findings:	37.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/14/1994	Findings:	38.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/14/1994	Findings:	38.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/21/1994	Findings:	44.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/28/1994	Findings:	42.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/04/1994	Findings:	40.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/25/1994	Findings:	39.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/25/1994	Findings:	29.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/02/1994	Findings:	30.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/02/1994	Findings:	29.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/02/1994	Findings:	29.000 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/09/1994	Findings:	33.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/09/1994	Findings:	33.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/16/1994	Findings:	30.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/23/1994	Findings:	21.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/31/1994	Findings:	25.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/06/1994	Findings:	26.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/13/1994	Findings:	28.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/20/1994	Findings:	27.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/27/1994	Findings:	26.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/05/1994	Findings:	28.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/12/1994	Findings:	30.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/18/1994	Findings:	29.040 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/25/1994	Findings:	25.080 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/02/1994	Findings:	27.280 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/09/1994	Findings:	28.160 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/16/1994	Findings:	26.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/23/1994	Findings:	28.160 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/30/1994	Findings:	28.160 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/06/1994	Findings:	29.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/13/1994	Findings:	29.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/20/1994	Findings:	28.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/27/1994	Findings:	25.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/04/1994	Findings:	24.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/11/1994	Findings:	27.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/18/1994	Findings:	26.800 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/25/1994	Findings:	27.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/01/1994	Findings:	26.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/08/1994	Findings:	24.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/15/1994	Findings:	21.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/22/1994	Findings:	29.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/29/1994	Findings:	29.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/05/1994	Findings:	29.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/13/1994	Findings:	29.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/20/1994	Findings:	32.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/27/1994	Findings:	29.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/03/1995	Findings:	31.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/12/1995	Findings:	33.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/17/1995	Findings:	33.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/26/1995	Findings:	29.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/31/1995	Findings:	32.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/07/1995	Findings:	29.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/15/1995	Findings:	29.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/21/1995	Findings:	28.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/28/1995	Findings:	32.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/07/1995	Findings:	37.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/14/1995	Findings:	38.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/22/1995	Findings:	34.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/28/1995	Findings:	30.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/04/1995	Findings:	33.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/11/1995	Findings:	33.100 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/18/1995	Findings:	31.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/03/1995	Findings:	31.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/09/1995	Findings:	32.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/16/1995	Findings:	33.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/23/1995	Findings:	34.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/30/1995	Findings:	34.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/07/1995	Findings:	33.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/13/1995	Findings:	32.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/20/1995	Findings:	33.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/27/1995	Findings:	34.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/03/1995	Findings:	38.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/11/1995	Findings:	38.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/18/1995	Findings:	36.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/25/1995	Findings:	38.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/01/1995	Findings:	33.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/08/1995	Findings:	35.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/15/1995	Findings:	35.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/22/1995	Findings:	37.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/29/1995	Findings:	35.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/05/1995	Findings:	37.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/12/1995	Findings:	37.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/19/1995	Findings:	30.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/26/1995	Findings:	31.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/03/1995	Findings:	30.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/10/1995	Findings:	32.300 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/17/1995	Findings:	38.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/24/1995	Findings:	37.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/31/1995	Findings:	34.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/07/1995	Findings:	30.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/14/1995	Findings:	35.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/21/1995	Findings:	39.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/28/1995	Findings:	30.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/05/1995	Findings:	30.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/12/1995	Findings:	30.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/19/1995	Findings:	31.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/26/1995	Findings:	28.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/02/1996	Findings:	29.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/09/1996	Findings:	31.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/16/1996	Findings:	33.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/23/1996	Findings:	27.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/30/1996	Findings:	33.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/06/1996	Findings:	30.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/13/1996	Findings:	29.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/22/1996	Findings:	30.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/27/1996	Findings:	29.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/05/1996	Findings:	32.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/12/1996	Findings:	29.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/19/1996	Findings:	29.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/26/1996	Findings:	34.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/30/1996	Findings:	30.300 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/07/1996	Findings:	34.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/14/1996	Findings:	34.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/21/1996	Findings:	36.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/28/1996	Findings:	37.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/04/1996	Findings:	43.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/04/1996	Findings:	39.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/11/1996	Findings:	31.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/12/1996	Findings:	35.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/13/1996	Findings:	39.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/17/1996	Findings:	32.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/18/1996	Findings:	32.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/25/1996	Findings:	30.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/03/1996	Findings:	30.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/10/1996	Findings:	26.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/16/1996	Findings:	32.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/23/1996	Findings:	30.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/30/1996	Findings:	30.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/06/1996	Findings:	30.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/13/1996	Findings:	31.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/20/1996	Findings:	28.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/27/1996	Findings:	29.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/03/1996	Findings:	27.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/10/1996	Findings:	26.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/17/1996	Findings:	28.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/24/1996	Findings:	26.600 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/01/1996	Findings:	28.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/08/1996	Findings:	26.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/15/1996	Findings:	23.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/22/1996	Findings:	35.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/29/1996	Findings:	35.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/05/1996	Findings:	39.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/13/1996	Findings:	16.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/19/1996	Findings:	21.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/26/1996	Findings:	31.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/03/1996	Findings:	35.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/10/1996	Findings:	39.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/17/1996	Findings:	38.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/24/1996	Findings:	36.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/31/1996	Findings:	36.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/07/1997	Findings:	34.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/14/1997	Findings:	35.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/21/1997	Findings:	36.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/28/1997	Findings:	31.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/04/1997	Findings:	36.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/11/1997	Findings:	33.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/18/1997	Findings:	35.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/25/1997	Findings:	29.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/04/1997	Findings:	36.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/11/1997	Findings:	32.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/18/1997	Findings:	31.500 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/25/1997	Findings:	36.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/01/1997	Findings:	36.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/08/1997	Findings:	32.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/15/1997	Findings:	32.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/22/1997	Findings:	29.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/29/1997	Findings:	23.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/06/1997	Findings:	26.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/13/1997	Findings:	23.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/20/1997	Findings:	26.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/27/1997	Findings:	26.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/03/1997	Findings:	27.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/10/1997	Findings:	24.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/17/1997	Findings:	27.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/24/1997	Findings:	32.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/01/1997	Findings:	24.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/08/1997	Findings:	24.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/15/1997	Findings:	22.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/22/1997	Findings:	21.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/29/1997	Findings:	22.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/05/1997	Findings:	22.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/12/1997	Findings:	32.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/19/1997	Findings:	24.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/26/1997	Findings:	26.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/02/1997	Findings:	26.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/09/1997	Findings:	28.500 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/16/1997	Findings:	26.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/23/1997	Findings:	32.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/30/1997	Findings:	29.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/07/1997	Findings:	28.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/14/1997	Findings:	26.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/21/1997	Findings:	26.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/28/1997	Findings:	27.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/04/1997	Findings:	28.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/11/1997	Findings:	28.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/18/1997	Findings:	34.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/25/1997	Findings:	34.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/02/1997	Findings:	35.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/09/1997	Findings:	39.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/16/1997	Findings:	34.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/23/1997	Findings:	33.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/30/1997	Findings:	35.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/06/1998	Findings:	32.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/13/1998	Findings:	33.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/20/1998	Findings:	28.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/27/1998	Findings:	34.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/03/1998	Findings:	31.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/10/1998	Findings:	31.300 MG/L
Chemical:	NITRATE (AS NO3)		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**B9**  
**SW**  
 1/2 - 1 Mile  
 Lower

CA WELLS      2080

**Water System Information:**

Prime Station Code:	02N/13W-33G01 S	User ID:	4TH
FRDS Number:	1910028011	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341300.0 1181500.0	Precision:	Undefined
Source Name:	WELL 11		
System Number:	1910028		
System Name:	CRESCENTA VALLEY CWD		
Organization That Operates System:	2700 FOOTHILL BLVD LA CRESCENTA, CA 91214		
Pop Served:	31000	Connections:	7950
Area Served:	LA CRESCENTA		

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

Sample Collected:	06/27/1990	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	06/27/1990	Findings:	795.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/27/1990	Findings:	7.000
Chemical:	PH (LABORATORY)		
Sample Collected:	06/27/1990	Findings:	150.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/27/1990	Findings:	183.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/27/1990	Findings:	.130 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	06/27/1990	Findings:	318.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/27/1990	Findings:	7.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/27/1990	Findings:	31.900 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/27/1990	Findings:	34.600 MG/L
Chemical:	SODIUM		
Sample Collected:	06/27/1990	Findings:	3.400 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/27/1990	Findings:	69.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/27/1990	Findings:	.170 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/27/1990	Findings:	110.000 UG/L
Chemical:	BARIUM		
Sample Collected:	06/27/1990	Findings:	540.000 UG/L
Chemical:	IRON		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/27/1990	Findings:	36.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	06/27/1990	Findings:	1.600 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/27/1990	Findings:	6.100 PC/L
Chemical:	GROSS BETA		
Sample Collected:	06/27/1990	Findings:	1.600 PC/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	06/27/1990	Findings:	.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/27/1990	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/27/1990	Findings:	480.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/27/1990	Findings:	74.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/27/1990	Findings:	2.500 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/18/1990	Findings:	1.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/18/1990	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/18/1990	Findings:	1.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/09/1993	Findings:	775.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/09/1993	Findings:	6.900
Chemical:	PH (LABORATORY)		
Sample Collected:	02/09/1993	Findings:	155.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	02/09/1993	Findings:	189.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/09/1993	Findings:	.098 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	02/09/1993	Findings:	305.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	02/09/1993	Findings:	71.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/09/1993	Findings:	31.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/09/1993	Findings:	33.000 MG/L
Chemical:	SODIUM		
Sample Collected:	02/09/1993	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/09/1993	Findings:	74.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/09/1993	Findings:	.160 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/09/1993	Findings:	120.000 UG/L
Chemical:	BARIUM		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/09/1993	Findings:	1.300 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/09/1993	Findings:	1.400 PC/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	02/09/1993	Findings:	.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/09/1993	Findings:	460.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/09/1993	Findings:	-.400
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/09/1993	Findings:	.001 MG/L
Chemical:	HYDROXIDE ALKALINITY		
Sample Collected:	02/09/1993	Findings:	48.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/09/1993	Findings:	.150 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/09/1993	Findings:	.600 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/11/1993	Findings:	1.800 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/11/1993	Findings:	1.200 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/11/1993	Findings:	4.600 PC/L
Chemical:	GROSS BETA		
Sample Collected:	10/11/1993	Findings:	1.300 PC/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	10/11/1993	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/20/1993	Findings:	.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/11/1994	Findings:	3.300 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/11/1994	Findings:	2.300 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/11/1994	Findings:	5.100 PC/L
Chemical:	GROSS BETA		
Sample Collected:	01/11/1994	Findings:	1.800 PC/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	01/11/1994	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/22/1994	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/21/1994	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/28/1994	Findings:	1.500 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/28/1994	Findings:	4.800 PC/L
Chemical:	GROSS BETA		
Sample Collected:	03/28/1994	Findings:	1.300 PC/L
Chemical:	GROSS BETA COUNTING ERROR		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/28/1994	Findings:	.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/28/1994	Findings:	.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/16/1994	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/16/1994	Findings:	70.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/20/1994	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/18/1994	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/16/1994	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/16/1994	Findings:	74.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/20/1994	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/18/1994	Findings:	2.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/15/1994	Findings:	2.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/15/1994	Findings:	61.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/20/1994	Findings:	2.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/21/1995	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/21/1995	Findings:	101.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/16/1995	Findings:	92.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/16/1995	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/15/1995	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/15/1995	Findings:	72.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/21/1995	Findings:	3.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/21/1995	Findings:	72.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/06/1996	Findings:	920.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/06/1996	Findings:	6.900
Chemical:	PH (LABORATORY)		
Sample Collected:	02/06/1996	Findings:	149.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	02/06/1996	Findings:	182.000 MG/L
Chemical:	BICARBONATE ALKALINITY		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/06/1996	Findings:	376.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	02/06/1996	Findings:	89.700 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/06/1996	Findings:	42.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/06/1996	Findings:	36.300 MG/L
Chemical:	SODIUM		
Sample Collected:	02/06/1996	Findings:	3.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/06/1996	Findings:	83.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/06/1996	Findings:	138.000 UG/L
Chemical:	BARIUM		
Sample Collected:	02/06/1996	Findings:	3.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/06/1996	Findings:	574.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/06/1996	Findings:	84.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/06/1996	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/06/1996	Findings:	19165.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	02/06/1996	Findings:	92.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/19/1996	Findings:	91.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/26/1996	Findings:	87.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/07/1996	Findings:	76.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/06/1996	Findings:	83.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/06/1996	Findings:	3.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/16/1996	Findings:	76.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/05/1996	Findings:	75.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/05/1996	Findings:	4.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/04/1997	Findings:	72.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/04/1997	Findings:	85.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/04/1997	Findings:	2.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/20/1997	Findings:	79.500 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/20/1997	Findings:	3.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/03/1997	Findings:	80.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/01/1997	Findings:	78.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/05/1997	Findings:	4.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/05/1997	Findings:	71.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/02/1997	Findings:	77.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/07/1997	Findings:	78.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/04/1997	Findings:	3.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/04/1997	Findings:	79.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/02/1997	Findings:	73.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/06/1998	Findings:	72.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/03/1998	Findings:	68.600 MG/L
Chemical:	NITRATE (AS NO3)		

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

**CA WELLS 2077**

**Water System Information:**

Prime Station Code:	02N/13W-33C01 S	User ID:	4TH
FRDS Number:	1910028007	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341300.0 1181500.0	Precision:	Undefined
Source Name:	WELL 07		
System Number:	1910028		
System Name:	CRESCENTA VALLEY CWD		
Organization That Operates System:	2700 FOOTHILL BLVD LA CRESCENTA, CA 91214		
Pop Served:	31000	Connections:	7950
Area Served:	LA CRESCENTA		

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

Sample Collected:	07/10/1989	Findings:	.600 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	07/10/1989	Findings:	1.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/10/1989	Findings:	2.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/10/1993	Findings:	15.000 UNITS
Chemical:	COLOR		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/10/1993	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	02/10/1993	Findings:	755.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/10/1993	Findings:	6.900
Chemical:	PH (LABORATORY)		
Sample Collected:	02/10/1993	Findings:	155.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	02/10/1993	Findings:	226.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/10/1993	Findings:	.117 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	02/10/1993	Findings:	279.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	02/10/1993	Findings:	64.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/10/1993	Findings:	29.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/10/1993	Findings:	36.000 MG/L
Chemical:	SODIUM		
Sample Collected:	02/10/1993	Findings:	3.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/10/1993	Findings:	71.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/10/1993	Findings:	.140 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/10/1993	Findings:	120.000 UG/L
Chemical:	BARIUM		
Sample Collected:	02/10/1993	Findings:	1600.000 UG/L
Chemical:	IRON		
Sample Collected:	02/10/1993	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/10/1993	Findings:	4.400 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	02/10/1993	Findings:	.900 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	02/10/1993	Findings:	1.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/10/1993	Findings:	450.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/10/1993	Findings:	-.400
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/10/1993	Findings:	.001 MG/L
Chemical:	HYDROXIDE ALKALINITY		
Sample Collected:	02/10/1993	Findings:	57.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/10/1993	Findings:	14.000 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/10/1993	Findings:	1.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/11/1993	Findings:	1.500 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/11/1993	Findings:	1.200 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/11/1993	Findings:	4.700 PC/L
Chemical:	GROSS BETA		
Sample Collected:	10/11/1993	Findings:	1.200 PC/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	10/11/1993	Findings:	1.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/11/1993	Findings:	1.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/11/1994	Findings:	1.500 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/11/1994	Findings:	4.500 PC/L
Chemical:	GROSS BETA		
Sample Collected:	01/11/1994	Findings:	1.800 PC/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	01/11/1994	Findings:	.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/11/1994	Findings:	.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/22/1994	Findings:	62.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/28/1994	Findings:	2.500 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/28/1994	Findings:	1.700 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/28/1994	Findings:	4.400 PC/L
Chemical:	GROSS BETA		
Sample Collected:	03/28/1994	Findings:	1.300 PC/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/28/1994	Findings:	.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/28/1994	Findings:	.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/16/1994	Findings:	66.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/16/1994	Findings:	70.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/15/1994	Findings:	63.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/21/1995	Findings:	70.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/16/1995	Findings:	82.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/15/1995	Findings:	63.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/21/1995	Findings:	62.000 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/06/1996	Findings:	830.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/06/1996	Findings:	6.900
Chemical:	PH (LABORATORY)		
Sample Collected:	02/06/1996	Findings:	134.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )		
Sample Collected:	02/06/1996	Findings:	163.500 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/06/1996	Findings:	336.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	02/06/1996	Findings:	77.700 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/06/1996	Findings:	36.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/06/1996	Findings:	35.900 MG/L
Chemical:	SODIUM		
Sample Collected:	02/06/1996	Findings:	4.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/06/1996	Findings:	78.700 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/06/1996	Findings:	130.000 UG/L
Chemical:	BARIUM		
Sample Collected:	02/06/1996	Findings:	522.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/06/1996	Findings:	66.300 MG/L
Chemical:	NITRATE (AS NO <sub>3</sub> )		
Sample Collected:	02/06/1996	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/06/1996	Findings:	14966.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	02/06/1996	Findings:	70.800 MG/L
Chemical:	NITRATE (AS NO <sub>3</sub> )		
Sample Collected:	05/07/1996	Findings:	65.100 MG/L
Chemical:	NITRATE (AS NO <sub>3</sub> )		
Sample Collected:	08/06/1996	Findings:	274.000 UG/L
Chemical:	IRON		
Sample Collected:	08/06/1996	Findings:	67.600 MG/L
Chemical:	NITRATE (AS NO <sub>3</sub> )		
Sample Collected:	09/16/1996	Findings:	68.000 MG/L
Chemical:	NITRATE (AS NO <sub>3</sub> )		
Sample Collected:	11/05/1996	Findings:	64.100 MG/L
Chemical:	NITRATE (AS NO <sub>3</sub> )		
Sample Collected:	02/04/1997	Findings:	2.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/04/1997	Findings:	61.500 MG/L
Chemical:	NITRATE (AS NO <sub>3</sub> )		
Sample Collected:	03/04/1997	Findings:	70.700 MG/L
Chemical:	NITRATE (AS NO <sub>3</sub> )		
Sample Collected:	03/04/1997	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/01/1997	Findings:	71.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/06/1997	Findings:	62.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/01/1997	Findings:	65.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/05/1997	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/05/1997	Findings:	58.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/02/1997	Findings:	64.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/07/1997	Findings:	64.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/04/1997	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/04/1997	Findings:	66.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/02/1997	Findings:	67.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/06/1998	Findings:	55.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/03/1998	Findings:	57.800 MG/L
Chemical:	NITRATE (AS NO3)		

**B11**  
**SW**  
 1/2 - 1 Mile  
 Lower

**CA WELLS 2078**

**Water System Information:**

Prime Station Code: 02N/13W-33C03 S  
 FRDS Number: 1910028002  
 District Number: 07  
 Water Type: Well/Groundwater  
 Source Lat/Long: 341300.0 1181500.0  
 Source Name: WELL 01  
 System Number: 1910028  
 System Name: CRESCENTA VALLEY CWD  
 Organization That Operates System:

User ID: 4TH  
 County: Los Angeles  
 Station Type: WELL/AMBNT/MUN/INTAKE/SUPPLY  
 Well Status: Active Raw  
 Precision: Undefined

2700 FOOTHILL BLVD  
 LA CRESCENTA, CA 91214  
 Pop Served: 31000  
 Area Served: LA CRESCENTA

Connections: 7950

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

Sample Collected:	07/10/1989	Findings:	1.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/10/1989	Findings:	1.400 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/10/1989	Findings:	.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/10/1989	Findings:	.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/04/1990	Findings:	1.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/04/1990	Findings:	1.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/18/1990	Findings:	1.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/18/1990	Findings:	1.400 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/03/1993	Findings:	750.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/03/1993	Findings:	6.800
Chemical:	PH (LABORATORY)		
Sample Collected:	05/03/1993	Findings:	135.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )		
Sample Collected:	05/03/1993	Findings:	165.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/03/1993	Findings:	.068 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	05/03/1993	Findings:	298.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	05/03/1993	Findings:	70.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/03/1993	Findings:	30.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/03/1993	Findings:	39.000 MG/L
Chemical:	SODIUM		
Sample Collected:	05/03/1993	Findings:	4.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/03/1993	Findings:	71.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/03/1993	Findings:	.150 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/03/1993	Findings:	120.000 UG/L
Chemical:	BARIUM		
Sample Collected:	05/03/1993	Findings:	140.000 UG/L
Chemical:	IRON		
Sample Collected:	05/03/1993	Findings:	200.000 UG/L
Chemical:	ZINC		
Sample Collected:	05/03/1993	Findings:	1.400 PC/I/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/03/1993	Findings:	1.500 PC/I/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/03/1993	Findings:	1.500 PC/I/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	05/03/1993	Findings:	490.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/03/1993	Findings:	-.600
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	05/03/1993	Findings:	.001 MG/L
Chemical:	HYDROXIDE ALKALINITY		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/03/1993	Findings:	52.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/03/1993	Findings:	1.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/11/1993	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/11/1993	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/11/1993	Findings:	1.200 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	10/11/1993	Findings:	.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/11/1993	Findings:	.800 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/11/1994	Findings:	3.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/11/1994	Findings:	2.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/11/1994	Findings:	7.200 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	01/11/1994	Findings:	2.000 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	01/11/1994	Findings:	.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/11/1994	Findings:	.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/22/1994	Findings:	62.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/28/1994	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/28/1994	Findings:	4.900 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	03/28/1994	Findings:	1.300 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/28/1994	Findings:	1.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	03/28/1994	Findings:	1.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/16/1994	Findings:	66.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/16/1994	Findings:	66.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/15/1994	Findings:	57.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/21/1995	Findings:	66.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/16/1995	Findings:	81.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/15/1995	Findings:	62.600 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/21/1995	Findings:	61.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/06/1996	Findings:	790.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/06/1996	Findings:	7.000
Chemical:	PH (LABORATORY)		
Sample Collected:	02/06/1996	Findings:	131.600 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	02/06/1996	Findings:	160.600 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/06/1996	Findings:	316.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	02/06/1996	Findings:	78.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/06/1996	Findings:	30.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/06/1996	Findings:	37.200 MG/L
Chemical:	SODIUM		
Sample Collected:	02/06/1996	Findings:	3.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/06/1996	Findings:	70.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/06/1996	Findings:	128.000 UG/L
Chemical:	BARIUM		
Sample Collected:	02/06/1996	Findings:	490.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/06/1996	Findings:	65.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/06/1996	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/06/1996	Findings:	14673.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	02/06/1996	Findings:	71.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/07/1996	Findings:	67.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/06/1996	Findings:	71.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/06/1996	Findings:	.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/20/1996	Findings:	60.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/16/1996	Findings:	68.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/05/1996	Findings:	66.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/04/1997	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/04/1997	Findings:	63.000 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/04/1997	Findings:	69.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/01/1997	Findings:	71.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/06/1997	Findings:	55.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/03/1997	Findings:	65.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/01/1997	Findings:	63.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/05/1997	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/05/1997	Findings:	59.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/02/1997	Findings:	65.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/07/1997	Findings:	66.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/04/1997	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/04/1997	Findings:	66.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/02/1997	Findings:	60.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/06/1998	Findings:	56.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/03/1998	Findings:	56.700 MG/L
Chemical:	NITRATE (AS NO3)		

**B12  
SW  
1/2 - 1 Mile  
Lower**

**CA WELLS    2079**

**Water System Information:**

Prime Station Code:	02N/13W-33C06 S	User ID:	4TH
FRDS Number:	1910028005	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341300.0 1181500.0	Precision:	Undefined
Source Name:	WELL 05		
System Number:	1910028		
System Name:	CRESCENTA VALLEY CWD		
Organization That Operates System:	2700 FOOTHILL BLVD LA CRESCENTA, CA 91214		
Pop Served:	31000	Connections:	7950
Area Served:	LA CRESCENTA		

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

Sample Collected:	06/13/1985	Findings:	.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	06/13/1985	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/01/1985	Findings:	.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	08/01/1985	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/01/1985	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	08/01/1985	Findings:	.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/10/1989	Findings:	.900 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/10/1989	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/10/1989	Findings:	.900 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/04/1990	Findings:	1.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/04/1990	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/04/1990	Findings:	1.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/18/1990	Findings:	1.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/18/1990	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/18/1990	Findings:	1.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/22/1991	Findings:	4.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	01/22/1991	Findings:	825.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/22/1991	Findings:	6.900
Chemical:	PH (LABORATORY)		
Sample Collected:	01/22/1991	Findings:	150.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	01/22/1991	Findings:	183.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/22/1991	Findings:	.100 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	01/22/1991	Findings:	339.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	01/22/1991	Findings:	82.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/22/1991	Findings:	32.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/22/1991	Findings:	34.000 MG/L
Chemical:	SODIUM		
Sample Collected:	01/22/1991	Findings:	3.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/22/1991	Findings:	71.000 MG/L
Chemical:	CHLORIDE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/22/1991	Findings:	.160 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/22/1991	Findings:	110.000 UG/L
Chemical:	BARIUM		
Sample Collected:	01/22/1991	Findings:	120.000 UG/L
Chemical:	ZINC		
Sample Collected:	01/22/1991	Findings:	.170 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	01/22/1991	Findings:	480.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/22/1991	Findings:	- .500
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	01/22/1991	Findings:	83.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/22/1991	Findings:	.450 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	05/03/1993	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	05/03/1993	Findings:	710.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/03/1993	Findings:	7.000
Chemical:	PH (LABORATORY)		
Sample Collected:	05/03/1993	Findings:	150.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	05/03/1993	Findings:	183.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/03/1993	Findings:	.119 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	05/03/1993	Findings:	294.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	05/03/1993	Findings:	70.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/03/1993	Findings:	29.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/03/1993	Findings:	33.000 MG/L
Chemical:	SODIUM		
Sample Collected:	05/03/1993	Findings:	3.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/03/1993	Findings:	59.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/03/1993	Findings:	.190 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/03/1993	Findings:	2.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/03/1993	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/03/1993	Findings:	1.500 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	05/03/1993	Findings:	.700 UG/L
Chemical:	CHLOROFORM (THM)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/03/1993	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/03/1993	Findings:	460.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/03/1993	Findings:	-.300
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	05/03/1993	Findings:	.002 MG/L
Chemical:	HYDROXIDE ALKALINITY		
Sample Collected:	05/03/1993	Findings:	70.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/03/1993	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	05/03/1993	Findings:	.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/11/1993	Findings:	1.800 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/11/1993	Findings:	1.200 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/11/1993	Findings:	1.200 PC/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	10/11/1993	Findings:	.900 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	10/11/1993	Findings:	1.100 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/11/1993	Findings:	.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/11/1993	Findings:	2.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/11/1994	Findings:	5.300 PC/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/11/1994	Findings:	2.800 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/11/1994	Findings:	6.100 PC/L
Chemical:	GROSS BETA		
Sample Collected:	01/11/1994	Findings:	1.900 PC/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	01/11/1994	Findings:	1.000 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	01/11/1994	Findings:	.700 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	01/11/1994	Findings:	.800 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/11/1994	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/11/1994	Findings:	3.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/22/1994	Findings:	79.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/28/1994	Findings:	3.000 PC/L
Chemical:	GROSS ALPHA		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/28/1994	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/28/1994	Findings:	1.300 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	05/16/1994	Findings:	73.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/16/1994	Findings:	74.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/15/1994	Findings:	74.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/21/1995	Findings:	1.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/21/1995	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/21/1995	Findings:	94.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/21/1995	Findings:	1.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/16/1995	Findings:	92.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/16/1995	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/15/1995	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/15/1995	Findings:	83.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/21/1995	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/21/1995	Findings:	69.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/06/1996	Findings:	880.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/06/1996	Findings:	7.000
Chemical:	PH (LABORATORY)		
Sample Collected:	02/06/1996	Findings:	156.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	02/06/1996	Findings:	190.300 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/06/1996	Findings:	284.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	02/06/1996	Findings:	88.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/06/1996	Findings:	39.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/06/1996	Findings:	33.000 MG/L
Chemical:	SODIUM		
Sample Collected:	02/06/1996	Findings:	3.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/06/1996	Findings:	77.200 MG/L
Chemical:	CHLORIDE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/06/1996	Findings:	126.000 UG/L
Chemical:	BARIUM		
Sample Collected:	02/06/1996	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/06/1996	Findings:	536.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/06/1996	Findings:	80.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/06/1996	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/06/1996	Findings:	18217.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	02/06/1996	Findings:	88.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/12/1996	Findings:	89.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/19/1996	Findings:	102.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/26/1996	Findings:	93.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/07/1996	Findings:	77.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/06/1996	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/06/1996	Findings:	80.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/16/1996	Findings:	75.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/05/1996	Findings:	75.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/05/1996	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/04/1997	Findings:	.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/04/1997	Findings:	77.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/04/1997	Findings:	87.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/01/1997	Findings:	78.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/06/1997	Findings:	67.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/06/1997	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/03/1997	Findings:	79.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/01/1997	Findings:	79.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/05/1997	Findings:	1.500 UG/L
Chemical:	TETRACHLOROETHYLENE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/05/1997	Findings:	72.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/07/1997	Findings:	80.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/04/1997	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/04/1997	Findings:	78.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/02/1997	Findings:	83.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/06/1998	Findings:	72.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/03/1998	Findings:	72.400 MG/L
Chemical:	NITRATE (AS NO3)		

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

**CA WELLS 2076**

**Water System Information:**

Prime Station Code:	02N/13W-29R01 S	User ID:	4TH
FRDS Number:	1910028004	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Abandoned
Source Lat/Long:	341400.0 1181500.0	Precision:	Undefined
Source Name:	WELL 04 - ABANDONED		
System Number:	1910028		
System Name:	CRESCENTA VALLEY CWD		
Organization That Operates System:	2700 FOOTHILL BLVD LA CRESCENTA, CA 91214		
Pop Served:	31000	Connections:	7950
Area Served:	LA CRESCENTA		

**C14  
NW  
1/2 - 1 Mile  
Higher**

**CA WELLS 2073**

**Water System Information:**

Prime Station Code:	02N/13W-28N01 S	User ID:	4TH
FRDS Number:	1910028009	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	341400.0 1181500.0	Precision:	Undefined
Source Name:	WELL 09		
System Number:	1910028		
System Name:	CRESCENTA VALLEY CWD		
Organization That Operates System:	2700 FOOTHILL BLVD LA CRESCENTA, CA 91214		
Pop Served:	31000	Connections:	7950
Area Served:	LA CRESCENTA		

# GEOCHECK® - PHYSICAL SETTING

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

Sample Collected:	07/10/1989	Findings:	2.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	07/10/1989	Findings:	2.400 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	09/04/1990	Findings:	1.400 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/04/1990	Findings:	1.400 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	12/18/1990	Findings:	2.000 UG/L
Chemical:			
Sample Collected:	12/18/1990	Findings:	2.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Chemical:	ODOR (THRESHOLD)		
Sample Collected:	02/10/1993	Findings:	710.000 UG/L
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/10/1993	Findings:	100.000 MG/L
Chemical:	PH (LABORATORY)		
Sample Collected:	02/10/1993	Findings:	159.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	02/10/1993	Findings:	.130 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/10/1993	Findings:	253.000 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	02/10/1993	Findings:	60.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	02/10/1993	Findings:	25.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/10/1993	Findings:	40.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/10/1993	Findings:	3.100 MG/L
Chemical:	SODIUM		
Sample Collected:	02/10/1993	Findings:	69.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/10/1993	Findings:	.180 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/10/1993	Findings:	230.000 UG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/10/1993	Findings:	240.000 UG/L
Chemical:	IRON		
Sample Collected:	02/10/1993	Findings:	1.000 PC/L
Chemical:	ZINC		
Sample Collected:	02/10/1993	Findings:	.900 PC/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/10/1993	Findings:	1.100 UG/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	02/10/1993	Findings:	1.100 UG/L
Chemical:	CHLOROFORM (THM)		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/10/1993	Findings:	420.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/10/1993	Findings:	- .400
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	02/10/1993	Findings:	.002 MG/L
Chemical:	HYDROXIDE ALKALINITY		
Sample Collected:	02/10/1993	Findings:	66.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/10/1993	Findings:	1.850 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/10/1993	Findings:	1.100 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	10/11/1993	Findings:	1.500 PC/I/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/11/1993	Findings:	1.700 PC/I/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/11/1993	Findings:	4.600 PC/I/L
Chemical:	GROSS BETA		
Sample Collected:	10/11/1993	Findings:	1.800 PC/I/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	10/11/1993	Findings:	1.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	10/11/1993	Findings:	1.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	01/11/1994	Findings:	1.800 PC/I/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/11/1994	Findings:	1.900 PC/I/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/11/1994	Findings:	4.700 PC/I/L
Chemical:	GROSS BETA		
Sample Collected:	01/11/1994	Findings:	1.800 PC/I/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	01/11/1994	Findings:	1.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/11/1994	Findings:	1.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	02/22/1994	Findings:	62.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/28/1994	Findings:	2.300 PC/I/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/28/1994	Findings:	1.600 PC/I/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/28/1994	Findings:	1.300 PC/I/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	03/28/1994	Findings:	.600 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	03/28/1994	Findings:	1.000 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	03/28/1994	Findings:	2.900 UG/L
Chemical:	CHLOROFORM (THM)		

TC01319891.1r Page A-73

Findings: 3.000 TON

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/28/1994	Findings:	4.500 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/16/1994	Findings:	58.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/03/1995	Findings:	1.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	05/03/1995	Findings:	1.000 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	05/16/1995	Findings:	67.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/15/1995	Findings:	57.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/21/1995	Findings:	53.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/06/1996	Findings:	61.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/06/1996	Findings:	790.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/06/1996	Findings:	6.900
Chemical:	PH (LABORATORY)		
Sample Collected:	02/06/1996	Findings:	116.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	02/06/1996	Findings:	141.500 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/06/1996	Findings:	304.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	02/06/1996	Findings:	72.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/06/1996	Findings:	31.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/06/1996	Findings:	40.000 MG/L
Chemical:	SODIUM		
Sample Collected:	02/06/1996	Findings:	3.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/06/1996	Findings:	71.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/06/1996	Findings:	127.000 UG/L
Chemical:	BARIUM		
Sample Collected:	02/06/1996	Findings:	492.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/06/1996	Findings:	60.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/06/1996	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/06/1996	Findings:	13747.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	03/12/1996	Findings:	60.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/19/1996	Findings:	59.400 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/26/1996	Findings:	60.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/07/1996	Findings:	57.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/04/1996	Findings:	59.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/06/1996	Findings:	61.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/06/1996	Findings:	.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/20/1996	Findings:	54.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/16/1996	Findings:	59.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/05/1996	Findings:	59.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/04/1997	Findings:	2.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/04/1997	Findings:	55.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/04/1997	Findings:	60.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/01/1997	Findings:	55.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/06/1997	Findings:	50.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/03/1997	Findings:	61.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/01/1997	Findings:	58.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/05/1997	Findings:	54.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/02/1997	Findings:	58.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/07/1997	Findings:	58.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/04/1997	Findings:	.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/04/1997	Findings:	60.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/02/1997	Findings:	60.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/06/1998	Findings:	49.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/03/1998	Findings:	52.400 MG/L
Chemical:	NITRATE (AS NO3)		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
91214	16	0	0.00

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

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### Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### **USGS 7.5' Digital Elevation Model (DEM)**

Source: United States Geologic Survey  
EDR acquired the USGS 7.5' Digital Elevation Model in 2002. 7.5-Minute DEMs correspond to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps.

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

## HYDROGEOLOGIC INFORMATION

### **AQUIFLOW<sup>R</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**

Source: Department of Agriculture, Natural Resources Conservation Services  
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

## ADDITIONAL ENVIRONMENTAL RECORD SOURCES

### **FEDERAL WATER WELLS**

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

Source: EPA/Office of Drinking Water  
Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### **PWS ENF: Public Water Systems Violation and Enforcement Data**

Source: EPA/Office of Drinking Water  
Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### **USGS Water Wells: USGS National Water Inventory System (NWIS)**

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

# 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, 3, 5 and 6

Source: Department of Conservation

Telephone: 916-323-1779

## RADON

### State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

## OTHER

### Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

### Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

**California Earthquake Fault Lines:** The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.



# Converse Consultants

Over 50 Years of Dedication in Geotechnical Engineering and Environmental Sciences

## **LIMITED ASBESTOS SURVEY**

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Proposed La Crescenta Library  
2801 and 2813 Foothill Boulevard  
La Crescenta, California

PREPARED FOR:

**County of Los Angeles Department of Public Works  
Project Management Division I  
900 South Fremont Avenue  
Alhambra, CA 91803-1331**

Converse Project No. 04-16-266-01  
February 17, 2005



Printed on  
Recycled  
Paper



# Converse Consultants

Over 50 Years of Dedication in Geotechnical Engineering and Environmental Sciences

February 17, 2005

Mr. Salvatore Pecora  
County of Los Angeles Department of Public Works  
Project Management Division I  
900 South Fremont Avenue  
Alhambra, CA 91803-1331

Subject: **LIMITED ASBESTOS SURVEY**  
Proposed La Crescenta Library  
2801 and 2813 Foothill Boulevard  
La Crescenta, California  
Converse Project No. 04-16-266-01

Dear Mr. Pecora:

Attached is a copy of the Limited Asbestos Survey analytical report for the referenced above properties. Our work was completed in general accordance with our proposal dated September 27, 2004.

The subject properties consist of the following:

- 2801 Foothill Boulevard – An automobile repair facility (former gas station)
- 2813 Foothill Boulevard – A former used car lot sales office

On Monday, December 6, 2004 (2801 Foothill Boulevard and roof of 2813 Foothill Boulevard) and Tuesday, February 8, 2005 (2813 Foothill Boulevard interior), a total of 51 bulk asbestos samples were collected from the buildings by inspectors Chuck Graham (Site Surveillance Technician #94-1408) and Scott Nunes (Certified Asbestos Consultant #92-0547). A summary of the results is provided below:

## Limited Asbestos Survey

A visual inspection was performed prior to the actual sampling to determine suspect materials and homogenous areas.

Accessible areas were sampled for the presence of asbestos. Samples of general building components (i.e., visually identical flooring materials and building materials) are assumed to be representative of materials used throughout the individual structures. Non-destructive sampling techniques were employed during the survey.

A summary of the types of suspect asbestos-containing materials (ACMs) sampled in the units, along with the analytical results, is provided in the following table:

**Suspect Materials Sampled & Analytical Results**

Suspect Material	% Asbestos Detected	Comments
<b>2801 Foothill Boulevard (Auto Repair Facility)</b>		
12"x12" beige vinyl floor tile and mastic	None Detected	Approximate 200 square feet is located on the west portion of the building in damaged condition.
Roofing material composite (main roof)	None Detected	Approximate 900 square feet is located on the main building in good condition.
Roof penetration mastic (gray)	5% Chrysotile	Approximate 150 square feet of miscellaneous ACM is located on the main roof in good condition.
Roof penetration mastic (black)	5% Chrysotile	Approximate 150 square feet of miscellaneous ACM is located on the main roof in good condition.
Roof material (outbuilding)	None Detected	Approximate 400 square feet is located on the outbuilding in good condition.
<b>2813 Foothill Boulevard (former Used Car Sales office)</b>		
Roof material composite	None Detected	Approximate 500 square feet is located on the roof in good condition.
Roof penetration mastic (gray)	5% Chrysotile	Approximately 50 square feet of miscellaneous acm is located on the roof in good condition.



Suspect Material	% Asbestos Detected	Comments
12"x12" ceiling tile (white, plain pattern)	None Detected	Approximately 200 square feet is located in the sales office in damaged condition.
12"x12" ceiling tile (white, rough pattern)	None Detected	Approximately 25 square feet is located in patches in the sales office in good condition.
12"x12" ceiling tile (white, fissured)	None Detected	Approximate 80 square feet is located in the sales storage room in damaged condition.
Black square pattern sheet flooring	60% Chrysotile (in the backing)	Approximate 250 square feet of miscellaneous ACM is located in the sales office in damaged condition.
Red sheet flooring	2% Chrysotile	Approximate 200 square feet of miscellaneous ACM is located under the black sheet flooring in damaged condition.
Vapor barrier paper	None Detected	Approximately 800 square feet is located on exterior walls in damaged condition.
Light fixture paper	None Detected	Approximately 2 square feet is located in the southwest corner of the sales storage room in good condition.
9"x9" tan with orange streaks floor tile	None Detected	Approximately 80 square feet is located in the sales storage room in good condition.
2"x4" ceiling panel (fissured)	None Detected	Approximately 32 square feet is located stacked in the basement in good condition.
12"x12" ceiling tile (tan, rough pattern)	None Detected	Approximately 30 square feet is located on patches around the perimeter of the sales storage room in good condition.

The bulk asbestos samples were submitted to Micron Environmental Labs located at 500 N. First Avenue, Suite 4, Arcadia, California (626-574-7591), for analysis. Bulk samples were analyzed according to EPA analytical method 600/M-82-020 for Polarized Light



Microscopy (PLM) *Analysis of Bulk Materials for Asbestos*. The analytical results and Chain-of-Custody documentation are attached to this letter report.

## **Conclusions and Recommendations**

Converse recommends that prior to renovation or demolition of the buildings, the asbestos-containing materials (ACMs) that are to impacted should be abated according to applicable regulations by a state licensed abatement contractor, with abatement oversight performed by an independent asbestos consultant.

All the sampled materials appeared to be in good condition except as previously noted. Destructive sampling methods to inspect void spaces between walls and floors were not employed during the survey. Therefore, additional samples should be collected if previously unsampled materials are encountered during the construction activities.

## **Closure**

This letter report has been prepared for the sole benefit and exclusive use for the County of Los Angeles Department of Public Works as it pertains to 2801 and 2813 Foothill Boulevard, in the city of La Crescenta, Los Angeles County, California. Our services have been performed in accordance with generally accepted practices in the environmental sciences. No other warranty, either expressed or implied, is made.

Converse Consultants is not responsible or liable for any claims or damages associated with the accuracy or completeness of information provided by others. This letter report should not be regarded as a guarantee that further asbestos-containing materials or lead-based paint, beyond that which were or were not detected in our survey, are present at the property. In the event that changes in the nature of the property occur, or additional relevant information about the property is brought to our attention, the conclusions and recommendations contained in this letter report may not be valid unless these changes and additional relevant information are reviewed and the conclusions of this letter report are modified or verified in writing. Reliance on this report by Third Parties shall be at the Third Party's sole risk.



We appreciate the opportunity to be of service to the County of Los Angeles Department of Public Works. If you should have any questions or comments regarding the results, please contact either Scott Nunes at (909) 796-0544 or Norman Eke at (626) 930-1260.

**CONVERSE CONSULTANTS**



Scott M. Nunes  
Certified Asbestos Consultant, #92-0547



Norman S. Eke  
Certified Asbestos Consultant, #96-2093

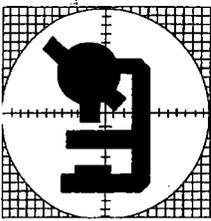
Dist: 2/Addressee  
1/Josephine Alido, David Evans and Associates

Enc: *Analytical Report and Chain-of-Custody*

SMN/NSE/mjr



**Analytical Report and  
Chain of Custody  
Documentation**



# Micron Environmental Labs

500 N. First Ave. • Suite 4 • Arcadia, CA 91006

(626) 574-7591 Fax (626) 574-7593

February 11, 2005

Scott Nunes  
Converse Consultants  
10391 Corporate Dr.  
Redlands, CA 92374

Subject: PLM Analysis of Bulk Samples  
Micron Job No.: 11705002  
Client Ref.: 04-16-266-01/La Crescenta Library

Dear Mr. Nunes:

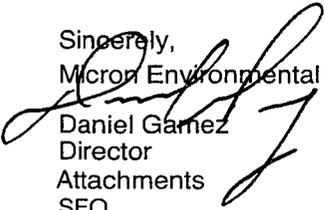
This report includes an attached summary of the samples collected for the analyses of the 26 bulk samples received by this laboratory on February 8, 2005. The analyses were completed using polarized light microscopy (PLM) in accordance with the EPA Method 600/R-93/116, July 1993. The quantification is based on the percentage of visual area estimation and is expressed as percent area. Samples that are multilayer are analyzed by layer unless, it has been requested as a composite analysis. These visual area estimate results are based on using reference standards materials that are routinely used in the laboratory.

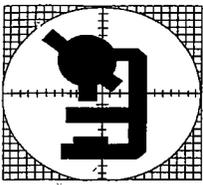
For all the organic matrix samples that were not asbestos detected by (PLM), Micron Environmental recommends the use of Transmission Electron Microscopy (TEM) due to the size and the masking of the fibers.

Micron Environmental Labs is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) for asbestos fiber analysis (PLM).

Micron Environmental Labs is responsible for the accuracy in this report, but we are not liable for any wrong data given to us by the client regarding these samples or for any misuse or interpretation of information supplied by us. Liability shall extend to providing replicate analyses only. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. We will retain these samples for a period of ninety days unless otherwise specified. This report pertains only to the samples submitted and analyzed.

Micron Environmental will not grant reproduction of this report unless an approval is obtained from this laboratory. Please feel free to contact the laboratory for questions regarding results or the analytical methods used at (626)574-7591.

Sincerely,  
Micron Environmental Labs  
  
Daniel Gamez  
Director  
Attachments  
SEO



500 N. First Avenue, Suite 4  
Arcadia, CA 91006

Micron Environmental Labs

Analytical Method: EPA 600/R-93/116

NIST / NVLAP Lab Code No. 200294-0  
California ELAP Certificate No. 2297

Micron Ref. No.

11705002

626-574-7591  
FAX: 626-574-7593

## Sample Summary Results

Customer Project: 04-16-266-01/La Crescenta Library Microscopist: Daniel Gamez

February 11, 2005

Scott Nunes  
Converse Consultants  
10391 Corporate Dr.  
Redlands, CA 92374

Date Collected: February 8, 2005  
Date Received: February 8, 2005  
Date Analyzed: February 9, 2005  
No. Samples: 26

Cust ID No. Micron ID No.	Sample Description / Color	Asbestos Detected	Analytical Results	Q.C.
S1 144184	12x12 Ceiling Tile yellow	No	100% Cellulose	X
S2 144185	12x12 Ceiling Tile yellow	No	100% Cellulose	
S3 144186	12x12 Ceiling Tile yellow	No	100% Cellulose	
S4 144187	12x12 Ceiling Tile yellow	No	100% Cellulose	
S5 144188	12x12 Ceiling Tile yellow	No	100% Cellulose	

# Sample Summary Results

Date: February 11, 2005

Microscopist: Daniel Gamez

Micron Ref. No.: 11705002

<b>Cust ID No.</b> Micron ID No.	<b>Sample Description / Color</b>	<b>Asbestos Detected</b>	<b>Analytical Results</b>	<b>Q.C.</b>
<b>S6</b> 144189	12x12 Ceiling Tile yellow	No	100% Cellulose	
<b>S7</b> 144190	12x12 Ceiling Tile yellow	No	100% Cellulose	
<b>S8</b> 144191	12x12 Ceiling Tile yellow	No	100% Cellulose	
<b>S9</b> 144192	12x12 Ceiling Tile yellow	No	100% Cellulose	
<b>S10</b> 144193	Sheet Flooring beige	Yes	60% chrysotile 20% Cellulose 20% Mineral Filler	
CHRY detected in backing				
<b>S13</b> 144196	Sheet Flooring red	Yes	2% chrysotile 98% Mineral Filler	X
<b>S16</b> 144199	Vapor Barrier Paper black	No	100% Cellulose	
<b>S17</b> 144200	Vapor Barrier Paper black	No	100% Cellulose	

# Sample Summary Results

Date: February 11, 2005

Microscopist: Daniel Gamez

Micron Ref. No.: 11705002

<b>Cust ID No.</b> Micron ID No.	<b>Sample Description / Color</b>	<b>Asbestos Detected</b>	<b>Analytical Results</b>	<b>Q.C.</b>
<b>S18</b> 144201	Vapor Barrier Paper black	No	100% Cellulose	
<b>S19</b> 144202	Light Fixture Paper black	No	100% Cellulose	
<b>S20</b> 144203	Light Fixture Paper black	No	100% Cellulose	
<b>S21</b> 144204	Light Fixture Paper black	No	100% Cellulose	X
<b>S22</b> 144205	9x9 Floor Tile white	No	100% Mineral Filler	
<b>S23</b> 144206	9x9 Floor Tile white	No	100% Mineral Filler	
<b>S24</b> 144207	9x9 Floor Tile white	No	100% Mineral Filler	
<b>S25</b> 144208	2x4 Ceiling Panel beige	No	60% Cellulose 40% Mineral Filler	

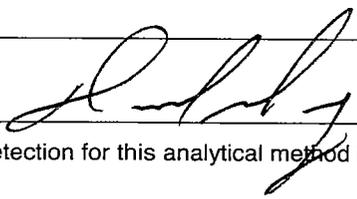
# Sample Summary Results

Date: February 11, 2005

Microscopist: Daniel Gamez

Micron Ref. No.: 11705002

Cust ID No. Micron ID No.	Sample Description / Color	Asbestos Detected	Analytical Results	Q.C.
<b>S26</b> 144209	2x4 Ceiling Panel beige	No	60% Cellulose 40% Mineral Filler	
<b>S27</b> 144210	2x4 Ceiling Panel beige	No	60% Cellulose 40% Mineral Filler	
<b>S28</b> 144211	12x12 Ceiling Tile yellow	No	100% Cellulose	
<b>S29</b> 144212	12x12 Ceiling Tile yellow	No	100% Cellulose	
<b>S30</b> 144213	12x12 Ceiling Tile yellow	No	100% Cellulose	

Microscopist: 

The limit of detection for this analytical method is less than one percent asbestos (visual area estimates). CV=0.04



BULK SAMPLE LOG

Project Name: Proposed La Crescenta Library  
La Crescenta, CA

Collected By: SN

Project No.: 04-16-266-01

Date: 2-8-05

HOMOGENEOUS MATERIAL: 12" x 12" Ceiling Tile (White Plain)

Sample Number	Location	Area Sq. Ft.	Condition
S1	Sales Office	200	Dam.
S2	" "	↓	↓
S3	" "	↓	↓

*Friability:*  
*Potential for Contact with Material:*  
*Influence of Vibration:*  
*Potential for Air Erosion:*  
*Damage Assessment:*

Friable  
High  
High  
High  
Good

Non-Friable  
Moderate  
Moderate  
Moderate  
Damaged

Low  
Low  
Low  
Significantly Damaged

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CHAIN OF CUSTODY

Relinquished By: <u>[Signature]</u>	Time: <u>1:05 pm</u>	Date: <u>2-8-05</u>
Received By: <u>[Signature]</u>	Time: <u>1:25 P</u>	Date: <u>2-8-05</u>
Relinquished By: _____	Time: _____	Date: _____
Received By: _____	Time: _____	Date: _____



BULK SAMPLE LOG

Project Name: Proposed La Crescenta Library  
La Crescenta, CA

Collected By: SN

Project No.: 04-16-266-01

Date: 2-8-05

HOMOGENEOUS MATERIAL: 12" x 12" Ceiling Tile (White - Rough Pattern)

Sample Number	Location	Area Sq. Ft.	Condition
S4	Sales - West	25	Good
S5	Sales - East	↓	↓
S6	Sales - East	↓	↓

<i>Friability:</i>	Friable	Non-Friable	
<i>Potential for Contact with Material:</i>	High	Moderate	Low
<i>Influence of Vibration:</i>	High	Moderate	Low
<i>Potential for Air Erosion:</i>	High	Moderate	Low
<i>Damage Assessment:</i>	Good	Damaged	Significantly Damaged

COMMENTS: Patch areas (2)

CHAIN OF CUSTODY

Relinquished By: <u>S. A. M. The</u>	Time: <u>1:05 pm</u>	Date: <u>2-8-05</u>
Received By: <u>SN</u>	Time: <u>1:25 P</u>	Date: <u>2-8-05</u>
Relinquished By: _____	Time: _____	Date: _____
Received By: _____	Time: _____	Date: _____



BULK SAMPLE LOG

Project Name: Proposed La Crescenta Library

Collected By: SN

La Crescenta, CA

Project No.: 04-16-266-01

Date: 2-8-05

HOMOGENEOUS MATERIAL:

12' x 12' Ceiling Tile (White-Foamed)

Sample Number	Location	Area Sq. Ft.	Condition
S7	Sales - Storage	80	Dam
S8	" - "	↓	↓
S9	" - "	↓	↓

<i>Friability:</i>	Friable	Non-Friable	
<i>Potential for Contact with Material:</i>	High	Moderate	Low
<i>Influence of Vibration:</i>	High	Moderate	Low
<i>Potential for Air Erosion:</i>	High	Moderate	Low
<i>Damage Assessment:</i>	Good	Damaged	Significantly Damaged

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CHAIN OF CUSTODY

Relinquished By: [Signature] Time: 1:05 pm Date: 2-8-05  
 Received By: [Signature] Time: 1:25P Date: 2-8-05  
 Relinquished By: \_\_\_\_\_ Time: \_\_\_\_\_ Date: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Time: \_\_\_\_\_ Date: \_\_\_\_\_



11705002

BULK SAMPLE LOG

Project Name: Proposed La Crescenta Library  
La Crescenta, CA  
Project No.: 04-16-266-01

Collected By: SN  
Date: 2-8-05

HOMOGENEOUS MATERIAL:

Black Square-Pattern Sheet Flooring

Sample Number	Location	Area Sq. Ft.	Condition
S10	Sales - Top Layer	250	Damaged
S11	" - "	↓	↓
S12	" - "	↓	↓

*Friability:*  
*Potential for Contact with Material:*  
*Influence of Vibration:*  
*Potential for Air Erosion:*  
*Damage Assessment:*

Friable  
High  
High  
High  
Good

Non-Friable  
Moderate  
Moderate  
Moderate  
Damaged

Low  
Low  
Low  
Significantly Damaged

COMMENTS:

CHAIN OF CUSTODY

Relinquished By: Seth M. Th...  
Received By: SN  
Relinquished By: \_\_\_\_\_  
Received By: \_\_\_\_\_

Time: 1:05 pm  
Time: 1:25 pm  
Time: \_\_\_\_\_  
Time: \_\_\_\_\_

Date: 2-8-05  
Date: 2-8-05  
Date: \_\_\_\_\_  
Date: \_\_\_\_\_



11705002

BULK SAMPLE LOG

Project Name: Proposed La Crescenta Library  
La Crescenta, CA  
Project No.: 04-16-266-01

Collected By: SN  
Date: 2-8-05

HOMOGENEOUS MATERIAL:

Red Sheet Flooring

Sample Number	Location	Area Sq. Ft.	Condition
S13	Sales - Under Black Sheet Flooring	250	Dam
S14	" - "	↓	↓
S15	" - "	↓	↓

<i>Friability:</i>	Friable	Non-Friable	
<i>Potential for Contact with Material:</i>	High	Moderate	Low
<i>Influence of Vibration:</i>	High	Moderate	Low
<i>Potential for Air Erosion:</i>	High	Moderate	Low
<i>Damage Assessment:</i>	Good	Damaged	Significantly Damaged

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CHAIN OF CUSTODY

Relinquished By: <u>[Signature]</u>	Time: <u>1:05 pm</u>	Date: <u>2-8-05</u>
Received By: <u>[Signature]</u>	Time: <u>1:25P</u>	Date: <u>2-8-05</u>
Relinquished By: _____	Time: _____	Date: _____
Received By: _____	Time: _____	Date: _____



11705002

BULK SAMPLE LOG

Project Name: Proposed La Crescenta Library  
La Crescenta, CA  
Project No.: 04-16-266-01

Collected By: SN  
Date: 2-8-05

HOMOGENEOUS MATERIAL:

Vapor Barrier Paper

Sample Number	Location	Area Sq. Ft.	Condition
S16	Restroom	800	Dam
S17	//	↓	↓
S18	Basement	↓	↓

*Friability:*  
*Potential for Contact with Material:*  
*Influence of Vibration:*  
*Potential for Air Erosion:*  
*Damage Assessment:*

Friable	Non-Friable	
High	Moderate	Low
High	Moderate	Low
High	Moderate	Low
Good	Damaged	Significantly Damaged

COMMENTS:

CHAIN OF CUSTODY

Relinquished By: [Signature] Time: 1:05pm Date: 2-8-05  
 Received By: [Signature] Time: 1:25p Date: 2-8-05  
 Relinquished By: \_\_\_\_\_ Time: \_\_\_\_\_ Date: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Time: \_\_\_\_\_ Date: \_\_\_\_\_



11705002

BULK SAMPLE LOG

Project Name: Proposed La Crescenta Library  
La Crescenta, CA

Collected By: SN

Project No.: 04-16-266-01

Date: 2-8-05

HOMOGENEOUS MATERIAL: Light Fixture Paper

Sample Number	Location	Area Sq. Ft.	Condition
S19	Sales Storage - SW Corner	2	Good
S20	" - "	↓	↓
S21	" - "	↓	↓

*Friability:*  
*Potential for Contact with Material:*  
*Influence of Vibration:*  
*Potential for Air Erosion:*  
*Damage Assessment:*

Friable  
High  
High  
High  
Good

Non-Friable  
Moderate  
Moderate  
Moderate  
Damaged

Low  
Low  
Low  
Significantly Damaged

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CHAIN OF CUSTODY

[Signature]  
[Signature]

Relinquished By: \_\_\_\_\_  
Received By: \_\_\_\_\_  
Relinquished By: \_\_\_\_\_  
Received By: \_\_\_\_\_

Time: 1:05 pm Date: 2-8-05  
Time: 1:25P Date: 2-8-05  
Time: \_\_\_\_\_ Date: \_\_\_\_\_  
Time: \_\_\_\_\_ Date: \_\_\_\_\_



BULK SAMPLE LOG

11705002

Project Name: Proposed La Crescenta Library  
La Crescenta, CA

Collected By: SN

Project No.: 04-16-266-01

Date: 2-8-05

HOMOGENEOUS MATERIAL:

9" x 9" Tan w/ orange floor tile

Sample Number	Location	Area Sq. Ft.	Condition
S22	Sales - Storage	80	Damaged
S23	" - "	↓	
S24	" - "	↓	

<i>Friability:</i>	Friable	Non-Friable	
<i>Potential for Contact with Material:</i>	High	Moderate	Low
<i>Influence of Vibration:</i>	High	Moderate	Low
<i>Potential for Air Erosion:</i>	High	Moderate	Low
<i>Damage Assessment:</i>	Good	Damaged	Significantly Damaged

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CHAIN OF CUSTODY

Relinquished By: <u>[Signature]</u>	Time: <u>1:05 pm</u>	Date: <u>2-8-05</u>
Received By: <u>[Signature]</u>	Time: <u>1:25P</u>	Date: <u>2-8-05</u>
Relinquished By: _____	Time: _____	Date: _____
Received By: _____	Time: _____	Date: _____



BULK SAMPLE LOG

11705002

Project Name: Proposed La Crescenta Library  
La Crescenta, CA  
Project No.: 04-16-266-01

Collected By: SN  
Date: 2-8-05

HOMOGENEOUS MATERIAL: 2'x4' Ceiling Panel - Fibred

Sample Number	Location	Area Sq. Ft.	Condition
S25	Sales - Basement	32	Good
S26	" - "	↓	↓
S27	" - "	↓	↓

<i>Friability:</i>	Friable	Non-Friable	
<i>Potential for Contact with Material:</i>	High	Moderate	Low
<i>Influence of Vibration:</i>	High	Moderate	Low
<i>Potential for Air Erosion:</i>	High	Moderate	Low
<i>Damage Assessment:</i>	Good	Damaged	Significantly Damaged

COMMENTS: 4 files stored in the basement

CHAIN OF CUSTODY

Relinquished By: <u>[Signature]</u>	Time: <u>1:05 pm</u>	Date: <u>2-8-05</u>
Received By: <u>[Signature]</u>	Time: <u>1:25 P</u>	Date: <u>2-8-05</u>
Relinquished By: _____	Time: _____	Date: _____
Received By: _____	Time: _____	Date: _____



BULK SAMPLE LOG

11705002

Project Name: Proposed La Crescenta Library

Collected By: SN

La Crescenta, CA

Project No.: 04-16-266-01

Date: 2-8-05

HOMOGENEOUS MATERIAL:

12" x 12" Ceiling Tile (Tan-Rough)

Sample Number	Location	Area Sq. Ft.	Condition
S28	Sales - Storage - Patches around perimeter	30	Good
S29	" - "	↓	↓
S30	" - "	↓	↓

*Friability:*  
*Potential for Contact with Material:*  
*Influence of Vibration:*  
*Potential for Air Erosion:*  
*Damage Assessment:*

Friable  
High  
High  
Good

Non-Friable  
Moderate  
Moderate  
Moderate  
Damaged

Low  
Low  
Low  
Significantly Damaged

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CHAIN OF CUSTODY

Relinquished By: [Signature]  
Received By: [Signature]  
Relinquished By: \_\_\_\_\_  
Received By: \_\_\_\_\_

Time: 1:05 pm Date: 2-8-05  
Time: 1:25 pm Date: 2-8-05  
Time: \_\_\_\_\_ Date: \_\_\_\_\_  
Time: \_\_\_\_\_ Date: \_\_\_\_\_



# Micron Environmental Labs

500 N. First Ave. • Suite 4 • Arcadia, CA 91006

(626) 574-7591 Fax (626) 574-7593

December 13, 2004

Chuck Graham  
Converse Consultants  
10391 Corporate Dr.  
Redlands, CA 92374

Subject: PLM Analysis of Bulk Samples  
Micron Job No.: 11704022  
Client Ref.: 04-16-266-01/Proposed La Crescenta Library

Dear Mr. Graham:

This report includes an attached summary of the samples collected for the analyses of the 18 bulk samples received by this laboratory on December 8, 2004. The analyses were completed using polarized light microscopy (PLM) in accordance with the EPA Method 600/R-93/116, July 1993. The quantification is based on the percentage of visual area estimation and is expressed as percent area. Samples that are multilayer are analyzed by layer unless, it has been requested as a composite analysis. These visual area estimate results are based on using reference standards materials that are routinely used in the laboratory.

For all the organic matrix samples that were not asbestos detected by (PLM), Micron Environmental recommends the use of Transmission Electron Microscopy (TEM) due to the size and the masking of the fibers.

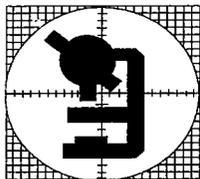
Micron Environmental Labs is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) for asbestos fiber analysis (PLM).

Micron Environmental Labs is responsible for the accuracy in this report, but we are not liable for any wrong data given to us by the client regarding these samples or for any misuse or interpretation of information supplied by us. Liability shall extend to providing replicate analyses only. This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. We will retain these samples for a period of ninety days unless otherwise specified. This report pertains only to the samples submitted and analyzed.

Micron Environmental will not grant reproduction of this report unless an approval is obtained from this laboratory. Please feel free to contact the laboratory for questions regarding results or the analytical methods used at (626)574-7591.

Sincerely,  
Micron Environmental Labs

  
Daniel Gamez  
Director  
Attachments  
SEO



500 N. First Avenue, Suite 4  
Arcadia, CA 91006

Micron Environmental Labs

Analytical Method: EPA 600/R-93/116

NIST / NVLAP Lab Code No. 200294-0  
California ELAP Certificate No. 2297

Micron Ref. No.

11704022

626-574-7591

FAX: 626-574-7593

## Sample Summary Results

Customer Project: 04-16-266-01/Proposed La Crescenta Library Microscopist: Daniel Gamez

December 13, 2004

Chuck Graham

Converse Consultants

10391 Corporate Dr.

Redlands, CA 92374

Date Collected: December 6, 2004

Date Received: December 8, 2004

Date Analyzed: December 8, 2004

No. Samples: 18

Cust ID No. Micron ID No.	Sample Description / Color	Asbestos Detected	Analytical Results	Q.C.
<b>A-1</b> 142460	12x12 VFT white	No	100% Mineral Filler	X
<b>A-1</b> 142460	12x12 VFT-Mastic yellow	No	100% Organic Binders	
<b>A-2</b> 142461	12x12 VFT white	No	100% Mineral Filler	
<b>A-2</b> 142461	12x12 VFT-Mastic yellow	No	100% Organic Binders	
<b>A-3</b> 142462	12x12 VFT white	No	100% Mineral Filler	

# Sample Summary Results

Date: December 13, 2004

Microscopist: Daniel Gamez

Micron Ref. No.: 11704022

Cust ID No. Micron ID No.	Sample Description / Color	Asbestos Detected	Analytical Results	Q.C.
<b>A-3</b> 142462	12x12 VFT-Mastic yellow	No	100% Organic Binders	
<b>A-4</b> 142463	Roof Material black	No	20% Fibrous Glass 40% Mineral Filler 40% Organic Binders	
<b>A-5</b> 142464	Roof Material black	No	20% Fibrous Glass 40% Mineral Filler 40% Organic Binders	
<b>A-6</b> 142465	Roof Material black	No	20% Fibrous Glass 40% Mineral Filler 40% Organic Binders	X
<b>A-7</b> 142466	Penetration Mastic black	Yes	5% chrysotile 45% Mineral Filler 50% Organic Binders	
<b>A-10</b> 142469	Penetration Mastic black	Yes	5% chrysotile 45% Mineral Filler 50% Organic Binders	
<b>A-13</b> 142472	Roof Material black	No	20% Fibrous Glass 40% Mineral Filler 40% Organic Binders	
<b>A-14</b> 142473	Roof Material black	No	20% Fibrous Glass 40% Mineral Filler 40% Organic Binders	

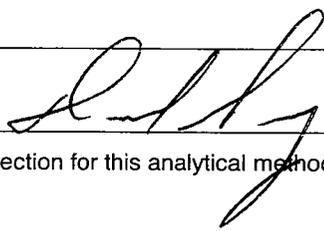
# Sample Summary Results

Date: December 13, 2004

Microscopist: Daniel Gamez

Micron Ref. No.: 11704022

Cust ID No. Micron ID No.	Sample Description / Color	Asbestos Detected	Analytical Results	Q.C.
<b>A-15</b> 142474	Roof Material black	No	20% Fibrous Glass 40% Mineral Filler 40% Organic Binders	
<b>A-16</b> 142475	Roof Material black	No	40% Cellulose 40% Mineral Filler 20% Organic Binders	
<b>A-17</b> 142476	Roof Material black	No	60% Cellulose 20% Mineral Filler 20% Organic Binders	
<b>A-18</b> 142477	Roof Material black	No	60% Cellulose 20% Mineral Filler 20% Organic Binders	
<b>A-19</b> 142478	Penetration Mastic black	Yes	5% chrysotile 45% Mineral Filler 50% Organic Binders	

Microscopist: 

The limit of detection for this analytical method is less than one percent asbestos (visual area estimates). CV=0.40



BULK SAMPLE LOG

Project Name: Proposed La Crescenta Library

Collected By: CG

Project No.: 04-16-266-01

Date: 12-6-04

HOMOGENEOUS MATERIAL:

12x12 VRT Biopipe w/ Master

Sample Number	Location	Area Sq. Ft.	Condition
A-1	<u>GAS STATION SERVICE AREA</u>	<u>900</u>	<u>POOR</u>
A-2	<u>LI</u>		
A-3	<u>LI</u>		

*Friability:*  
*Potential for Contact with Material:*  
*Influence of Vibration:*  
*Potential for Air Erosion:*  
*Damage Assessment:*

Friable  
High  
High  
High  
Good

Non-Friable  
Moderate  
Moderate  
Moderate  
Damaged

Low  
Low  
Low  
Significantly Damaged

COMMENTS:

CHAIN OF CUSTODY

Relinquished By: [Signature]  
Received By: [Signature]  
Relinquished By: \_\_\_\_\_  
Received By: \_\_\_\_\_

Time: \_\_\_\_\_  
Time: 8:40 AM  
Time: 8:00  
Time: \_\_\_\_\_

Date: \_\_\_\_\_  
Date: 12-8-04  
Date: \_\_\_\_\_  
Date: \_\_\_\_\_



### BULK SAMPLE LOG

Project Name: Proposed La Crescenta Library

Collected By: CG

Project No.: 04-16-266-01

Date: 12-6-04

HOMOGENEOUS MATERIAL: Roof material w/ mastic Oney

Sample Number	Location	Area Sq. Ft.	Condition
A 4	Gas station Storage Rd	900	Good
A 5	↓		Oney
A 6			NO
			penetration

<i>Friability:</i>	Friable	Non-Friable	
<i>Potential for Contact with Material:</i>	High	Moderate	Low
<i>Influence of Vibration:</i>	High	Moderate	Low
<i>Potential for Air Erosion:</i>	High	Moderate	Low
<i>Damage Assessment:</i>	Good	Damaged	Significantly Damaged

COMMENTS: \_\_\_\_\_  
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#### CHAIN OF CUSTODY

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BULK SAMPLE LOG

Project Name: Proposed La Crescenta Library

Collected By: CG

Project No.: 04-16-266-01

Date: 12-6-04

HOMOGENEOUS MATERIAL: Penetration Mastie / Grey

Sample Number	Location	Area Sq. Ft.	Condition
A7	Station Roof	150	Good
A8	↓		
A9			

<i>Friability:</i>	Friable	Non-Friable	
<i>Potential for Contact with Material:</i>	High	Moderate	Low
<i>Influence of Vibration:</i>	High	Moderate	Low
<i>Potential for Air Erosion:</i>	High	Moderate	Low
<i>Damage Assessment:</i>	Good	Damaged	Significantly Damaged

COMMENTS: \_\_\_\_\_  
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CHAIN OF CUSTODY

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BULK SAMPLE LOG

Project Name: Proposed La Crescenta Library

Collected By: CG

Project No.: 04-16-266-01

Date: 12-6-04

HOMOGENEOUS MATERIAL: Panettustion Mastie / Block

Sample Number	Location	Area Sq. Ft.	Condition
A 10	DAS Station Roof	150	Good
A 11	↓		
A 12			

<i>Friability:</i>	Friable	Non-Friable	
<i>Potential for Contact with Material:</i>	High	Moderate	Low
<i>Influence of Vibration:</i>	High	Moderate	Low
<i>Potential for Air Erosion:</i>	High	Moderate	Low
<i>Damage Assessment:</i>	Good	Damaged	Significantly Damaged

COMMENTS: \_\_\_\_\_  
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CHAIN OF CUSTODY CG

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Received By: <u>[Signature]</u>	Time: <u>8:40 AM</u>	Date: <u>12/8/04</u>
Relinquished By: _____	Time: _____	Date: _____
Received By: _____	Time: _____	Date: _____



BULK SAMPLE LOG

Project Name: Proposed La Crescenta Library

Collected By: CG

Project No.: 04-16-266-01

Date: 12-6-04

HOMOGENEOUS MATERIAL:

*Roof material w/ mastic*

Sample Number	Location	Area Sq. Ft.	Condition
A13	Gas Station Out Bldg.	400	Good
A14	↓		
A15			

<i>Friability:</i>	Friable	Non-Friable	
<i>Potential for Contact with Material:</i>	High	Moderate	Low
<i>Influence of Vibration:</i>	High	Moderate	Low
<i>Potential for Air Erosion:</i>	High	Moderate	Low
<i>Damage Assessment:</i>	Good	Damaged	Significantly Damaged

COMMENTS: \_\_\_\_\_  
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CHAIN OF CUSTODY  
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BULK SAMPLE LOG

Project Name: Proposed La Crescenta Library

Collected By: CG

Project No.: 04-16-266-01

Date: 12-6-04

HOMOGENEOUS MATERIAL: Roof material w/ mastic

Sample Number	Location	Area Sq. Ft.	Condition
A 16	USED Car Sales Bldg.		
A 17	↓		
A 18			

<i>Friability:</i>	Friable	Non-Friable	
<i>Potential for Contact with Material:</i>	High	Moderate	Low
<i>Influence of Vibration:</i>	High	Moderate	Low
<i>Potential for Air Erosion:</i>	High	Moderate	Low
<i>Damage Assessment:</i>	Good	Damaged	Significantly Damaged

COMMENTS: \_\_\_\_\_  
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CHAIN OF CUSTODY

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Relinquished By: _____	Time: _____	Date: _____
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BULK SAMPLE LOG

Project Name: Proposed La Crescenta Library Collected By: CG

Project No.: 04-16-266-01 Date: 12-6-04

HOMOGENEOUS MATERIAL: Penetration Mastics Grey

Sample Number	Location	Area Sq. Ft.	Condition
A19	USED Car Sales Bldg. ↓		
A20			
A21			

<i>Friability:</i>	Friable	Non-Friable	
<i>Potential for Contact with Material:</i>	High	Moderate	Low
<i>Influence of Vibration:</i>	High	Moderate	Low
<i>Potential for Air Erosion:</i>	High	Moderate	Low
<i>Damage Assessment:</i>	Good	Damaged	Significantly Damaged

COMMENTS: \_\_\_\_\_  
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CHAIN OF CUSTODY

Relinquished By: <u>[Signature]</u>	Time: _____	Date: _____
Received By: <u>[Signature]</u>	Time: <u>8:40 AM</u>	Date: <u>12/8/04</u>
Relinquished By: _____	Time: _____	Date: _____
Received By: _____	Time: _____	Date: _____



# Converse Consultants

Over 50 Years of Dedication in Geotechnical Engineering and Environmental Sciences

March 3, 2005

Ms. Josephine Alido  
David Evans and Associates, Inc.  
800 North Haven Avenue, Suite 300  
Ontario, California 91764

**Subject: Limited Phase II Environmental Site Assessment Report**  
Proposed La Crescenta Library  
2801 and 2813 Foothill Boulevard  
La Crescenta, California  
Converse Project No. 04-16-266-02

Ms. Alido:

Converse Consultants (Converse) appreciates the opportunity to present this report of our findings for this Limited Phase II Environmental Site Assessment. The assessment was conducted at the property located at 2801 and 2813 Foothill Boulevard (Site). The Site location is presented on Figure 1, Site Location Map.

## BACKGROUND

The Site consisted of four (4) parcels that were occupied by an auto repair facility with an associated parking lot and a former used car lot.

Converse performed a Phase I Environmental Site Assessment Report (ESA) for the Property in December 2004 (Converse Project No. 04-16-266-01). Based on the information obtained during the Phase I ESA, there appeared to be a potential for environmental impact to the Property from current and historical usage. Converse recommended a Phase II assessment to address the following concerns:

- Historic Arco Pride gas station (2801 Foothill Blvd) previously contained four underground storage tanks (USTs) for fuel, with associated piping, and two fuel-dispensing islands. The USTs and fuel-dispensing islands were reportedly removed from the Property in 1994. There is no record of tank closure on file with local regulatory agencies for the Property.



- Existing auto repair facility (2801 Foothill Blvd) containing hydraulic hoists, clarifier/sump, areas of stained concrete, a former septic tank and two cesspools, and a waste oil UST. Figure 2, "Gas Station Plan – 1962 Features", depicts the general features of the gas station, based on a 1962 as built plan.
- Existing used car lot (2813 Foothill Blvd) and a possible septic tank.

Observations made at the property indicated that remnants of the UST piping system were still in place (vent lines). It was therefore unclear as to what was actually removed from the Property and what may still be onsite.

To achieve a level building pad at the Property, a large cut into the hillside was made, and a 20 to 25 feet high retaining wall was constructed. Therefore, the Property was developed on a cut pad. It was anticipated that drilling conditions would be difficult, owing to the hard soils and rock.

### **OBJECTIVE**

The objectives of this assessment were as follows;

1. Evaluate for the presence of subsurface structures including USTs, septic tanks, cesspools, and associated piping that may be buried on site.
2. Assess the Property for environmental impacts generally associated with the operation of a former gasoline station and an auto repair facility.
3. Assess the Property for environmental impacts generally associated with the operation of the used car sales lot.

### **SCOPE OF WORK**

Converse completed the following scope of work to achieve the assessment objectives:

#### **Geophysical Survey**

A geophysical evaluation of portions of 2801 and 2813 Foothill Boulevard was performed to locate underground structures. A copy of the geophysical survey report is included as Appendix A.

## **Field Activities**

### **Drilling and Soil Sampling**

#### **Historic Gas Station:**

Converse advanced a total of eight (8) borings, utilizing track mounted and truck mounted Geoprobe type drilling rigs. Borings were located in the areas of the former USTs, remote fill area, fuel-dispenser islands and associated piping, and in an area of a geophysical anomaly. A hand auger boring was advanced in the area of the geophysical anomaly prior to drilling with the Geoprobe.

Borings were drilled to depths of 10 to 40-feet below ground surface (bgs) or to first refusal. Soil samples were collected at 5-foot bgs, and every 5 feet thereafter.

#### **Existing Auto-Repair Facility:**

Converse advanced five (5) borings within the repair facility service bays utilizing a track mounted Geoprobe type drilling rig. Boring locations were in the vicinity of the two (2) hydraulic hoists, the sump/clarifier, at the trenched and repaired concrete, and near the waste oil line. Boring depths varied between 5 to 20-feet bgs, or to first refusal. Recoverable soil samples were collected at 2 and 5-foot bgs, and every five (5) thereafter.

Additionally three (3) soil borings were advanced on the exterior of the auto repair facility. One (1) boring was completed with a track mounted Geoprobe to the east of the repair facility building, in the vicinity of the former septic tank and cesspool. It was anticipated that the boring could be completed as a macro core, but due to the very difficult drilling conditions, the boring could not be completed as a macro core. One (1) boring was completed to the west of the building, near the 550-gallon waste oil tank. The third boring was advanced with a Geoprobe type drill rig and was slanted under the refrigeration box in order to encounter the western cesspool that disposed of the water from the sump/clarifier within the auto repair facility. It was anticipated that this boring would be completed as a macro core, but soil conditions precluded the use of a macro core.

Exterior borings associated with the auto repair facility were advanced to depths of 20 to 25-feet bgs. Samples were collected at 2 and 5-foot bgs, and on five feet intervals thereafter.

### Used Car Lot:

Converse advanced a total seven (7) borings within the used car lot, utilizing a track mounted Geoprobe type drill rig. Six (6) of the seven borings were advanced to a depth of 10-feet bgs, or first refusal, and soil samples were collected at 2, 5, and 10 feet bgs.

A hand auger boring was advanced in the location of the identified geophysical anomaly along Foothill Boulevard to assess the physical conditions near that location. The seventh boring was located proximal to the identified geophysical anomaly, and was advanced to 20-feet bgs. Recoverable soil samples were collected at 2, 5, 10, 15, and 20 feet bgs.

For the soil sampling activities at the locations identified above (historic gas station, exisiting auto repair facility, and the used car lot):

- Groundwater was not anticipated, nor was it encountered in any boring.
- Recovered soil samples were screened in the field with a Photo Ionization Detector (PID) for Volatile Organic Compounds (VOC's) and were visually inspected and logged by qualified professionals.
- The samples collected for VOC analyses were prepared and collected in accordance with EPA method 5035 using factory sealed, new, disposable samplers. Samples were properly labeled, sealed in plastic bags and placed on ice pending analysis by a State of California DOHS-Certified analytical laboratory. All samples were handled and transported in accordance with EPA protocol, including chain-of-custody procedures.
- Before each use, appropriate drilling and sampling equipment was washed in an Alconox solution, rinsed with tap water and final rinsed with distilled water.
- Soil borings were backfilled with hydrated bentonite/volclay and the ground surface was finished to match existing.

### Laboratory Analyses

Selected soil samples were analyzed by the following methods:

- EPA Test Method 8015 for Total Petroleum Hydrocarbons-Carbon Chain (TPH-cc)
- EPA Test Method 8015 modified for Gasoline
- EPA Test Method 6010 for Title 22 metals
- EPA Test Method 6010B/7471A Total Lead
- EPA Test Method 8260B for Volatile Organic Compounds (VOCs)
- EPA Test Method 8270 for Semi-Volatile Organic Compounds (SVOCs)
- EPA Test Method 8082 for Polychlorinated Biphenyls (PCBs)
- Standard Method 9221 E for E. coli

## **ASSESSMENT ACTIVITIES**

On February 6 and 7, 2005 Converse completed the soil sampling activities at the site.

Soil borings were completed by hydraulically advancing a steel probe using Direct Push technology (a Geoprobe type-drilling unit). A closed end discrete depth sampler lined with an acetate sleeve was advanced to collect a soil sample. In several locations, due to the hard nature of the soils, stainless steel sleeves were substituted for acetate, as the acetate sleeves collapsed.

During the drilling process, soil samples were collected at the appropriate sample intervals throughout the boring. The sampling barrel was cleaned between sampling depths by washing the equipment with an Alconox solution, and rinsing it with water and final rinsing with distilled water.

Soil samples to be analyzed for Volatile Organic Compounds (VOCs) were prepared and collected in accordance with U.S. EPA Method 5035 using disposable laboratory clean, samplers. The acetate or stainless steel sleeves containing the retrieved soil cores were removed from the sampler at the appropriate sample depth, sealed with Teflon tape and a plastic cap at one end, then immediately sampled from the open end in accordance with EPA Method 5035. Soil samples were collected using new, laboratory clean, Easy Draw samplers.

A portion of the soil sample remaining within the acetate or stainless steel sleeve was removed from the sleeve and placed into a plastic bag and sealed. The remaining portion of the sample within the sleeve was sealed with Teflon film and capped, labeled, enclosed within a plastic bag, and placed on ice for delivery to a State of California certified laboratory, under Chain of Custody.

The soil placed into the plastic bag was then screened in the field with a Photo Ionization Detector (PID) for VOCs, and visually inspected, described, and logged on boring logs by a qualified professional. Boring logs were prepared under the guidance of a professional geologist. Boring logs are presented in Appendix B.

Boreholes were backfilled with hydrated bentonite and the surface was finished to match the adjacent surface.

Groundwater was not anticipated nor was it encountered in any boring, to a maximum depth of 40 feet.

Drilling spoils were not generated.

Historic Gas Station: Eight (8) borings were completed (borings GP-2, -3, -4, -5, -6, -7, -11, and -22). Boring locations are presented on Figure 3, "Boring Location Map with Selected Geophysical Data".

During drilling, soil samples were collected at depths of five (5) feet bgs, and every 5 feet thereafter. Refusal was encountered in GP-1 at 12.0-foot bgs, in GP-2 at 26.0-foot bgs, and in GP-4 at 25.5-foot bgs.

Existing Auto-Repair Facility: Seven (7) borings were completed, four (4) within the repair facility service bays (borings GP-1, GP-8 through GP-10), and three (3) on the exterior of the auto repair facility (borings GP-13 through GP-15). Boring locations are presented on Figure 3.

Boring depths varied between 5 to 20-foot bgs. During drilling, soil samples were collected at depths of 2 and 5-foot bgs and every five (5) feet thereafter. Refusal was encountered in GP-10 at 10-foot bgs, and in GP-15 at 22-foot bgs. Additionally, boring GP-12, in the area of the waste oil line leading to the 550 gallon waste oil tank was not completed due to refusal at 1.5-foot bgs in each of three attempts to drill.

Used Car Lot: Seven (7) borings were completed (borings GP-16 through GP-21 and GP-23). Boring locations are presented on Figure 3.

Six (6) of the seven borings were advanced to a depth of 10-foot bgs and soil samples were collected at 2, 5, and 10-foot bgs. A hand auger boring (GP-23) was advanced in the location of the identified geophysical anomaly along Foothill Boulevard. Boring GP-21 was advanced to 20-foot bgs with soil samples collected at 2, 5, 10, 15, and 20-foot bgs.

### **LABORATORY ANALYSIS**

Soil samples were transported and submitted under chain-of-custody, to Enviro-Chem Inc. in Pomona, California, a state certified laboratory and analyzed in accordance with EPA Method 8260. Summary tables for metals and lead laboratory results are provided in Table 1. Summaries for the remaining analytes are provided in the Findings section below.

#### Historic Gas Station

A total of thirty-eight (39) soil samples were collected. Selected samples were analyzed for the following:

- EPA Test Method 8015 modified for Gasoline
- EPA Test Method 6010B/7471A Total Lead
- EPA Test Method 8260B for VOCs
- EPA Test Method 8015 TPH-cc

#### Existing Auto-Repair Facility - Interior

A total of fourteen (13) soil samples were collected. Selected samples were analyzed for the following:

- EPA Test Method 8015 TPH-cc
- EPA Test Method 8260B for VOCs
- EPA Test Method 8270 for SVOCs
- EPA Test Method 6010 for Title 22 metals
- EPA Test Method 8082 for PCBs

#### Existing Auto-Repair Facility - Exterior

A total of fourteen (14) soil samples were collected. Selected samples were analyzed for the following:

- EPA Test Method 8015 modified for Gasoline
- EPA Test Method 8260 for VOCs
- EPA Test Method 8270 for SVOCs
- EPA Test Method 6010 for Title 22 metals
- EPA Test Method 8082 for PCBs
- EPA Test Method 8015 TPH-cc
- Standard Method 9221 E for E. coli

#### Existing Used Car Lot

A total of twenty-three (23) soil samples were collected. Selected samples were analyzed for the following:

- EPA Test Method 8015 TPH-cc
- EPA Test Method 8260B for VOCs
- EPA Test Method 8270 for SVOCs
- EPA Test Method 6010 for Title 22 metals
- EPA Test Method 8082 for PCBs

## **SUBSURFACE CONDITIONS ENCOUNTERED**

The subsurface soils encountered during this investigation consisted primarily of fine to coarse grain sands near the surface and continuing to depth. Typically, the soils were slightly moist, dense and hard to drill with a geoprobe type drill rig. Rock fragments were encountered in many samples, which are interpreted to be pieces of cobbles and boulders. Deeper borings, typically below about 30 feet, encountered what is interpreted as rock, associated with the bedrock in the area. Boring logs depicting the subsurface conditions encountered are presented as Appendix B. Cross Sections providing interpretation of the subsurface conditions are included as Figure 4, "Cross Sections".

## **SUMMARY OF FINDINGS**

Summary tables for metals and lead laboratory results are provided in Table 1. All of the metal concentrations were below their total threshold limit concentration (TTLC) and ten times their soluble threshold limit concentration (STLC).

No concentrations of TPH-cc, TPH-g, SVOCs, or PCBs were reported above their laboratory detection limits.

The following is a summary of findings of the VOC concentrations reported during this assessment:

- Acetone was reported in 2 of the 54 samples analyzed. These concentrations were 0.059 mg/kg (GP-6 at 5-feet bgs) and 0.113 mg/kg (GP-21 at 2-feet bgs). These boring locations were associated with the historic gas station and existing used car lot, respectively.
- Ethylbenzene was reported in 1 of the 54 samples analyzed. The concentration was 0.018 mg/kg in GP-7 at 5-feet bgs. This boring location was associated with the historic gas station.
- M/P-Xylene was reported in 3 of the 54 samples analyzed. The concentrations were 0.010 mg/kg (GP-3 at 40-feet bgs), 0.062 mg/kg (GP-7 at 5-feet bgs), and 0.011 mg/kg (GP-22 at 40-feet bgs). These boring locations were associated with the historic gas station.
- O-Xylene was reported in 1 of the 54 samples analyzed. The concentration was 0.018 mg/kg in GP-7 at 5-feet bgs. This boring location was associated with the historic gas station.
- Styrene was reported in 2 of the 54 samples analyzed. These concentrations were 0.005 mg/kg (GP-3 at 30-feet bgs) and 0.006 mg/kg (GP-3 at 40-feet bgs). This boring location was associated with the historic gas station.

- 1,2,4-Trimethylbenzene was reported in 1 of the 54 samples analyzed. The concentration was 0.006 mg/kg in GP-22 at 40-feet bgs. This boring location was associated with the historic gas station.
- Naphthalene was reported in 1 of the 54 samples analyzed. The concentration was 0.017 mg/kg in GP-2 at 10-feet bgs. This boring location was associated with the historic gas station.

All other target compounds were reported as non-detect at the laboratory detection limit. See Appendix C for the laboratory report of analytical results.

E. coli was analyzed for in borings GP-13 (5 and 15-feet bgs) and GP-15 (10 and 20-feet bgs). All of the results were reported as non-detect at the laboratory detection limit.

## DISCUSSION

### MAPS AND DOCUMENTS REVIEW

Review of maps and documents obtained during the ESA identified the following:

- Four former USTs for gasoline with associated fills, fuel dispensers, and piping.
- Two hydraulic lifts.
- Septic tank and waste cesspool east of the Repair Facility.
- 550 gallon waste oil tank west of Repair Facility with associated piping into the repair facility.
- Clarifier within the Repair Facility.
- Cesspool west of the Repair Facility used for the disposal of clarifier fluids.

### Geophysical Survey

The geophysical survey identified three (3) anomalies on the Property. A copy of the geophysical survey report is included as Appendix A.

- Anomaly 1: A subsurface anomaly was identified on the used car lot. It was described as "shared characteristics of a former excavation".
- Anomaly 2: A possible UST was identified on the west side of the historic gas station building. The geophysical report describes this anomaly as "shares strong characteristics with that of a small UST and may warrant further investigation". The location of the UST corresponds to the location of a 550-gallon waste oil UST identified in a 1963 UST location map in the ESA.
- Anomaly 3: The anomaly was located near the western driveway entering the historic gas station Site. This anomaly was described as "while this third anomaly does not appear to represent either a UST of a former excavation, it shares similar characteristics with that of an area of soil compaction".

### Laboratory Results

Concentrations of specific chemicals identified during analytical testing are compared to various regulatory guidelines. If the results of analytical testing indicate the concentration of the chemical exceeds the regulatory guideline, then further assessment is typically warranted. If the analytical results indicate the concentration to be less than the regulatory guideline, the chemical then becomes a chemical of no concern and no further action is warranted in that area for that specific chemical.

The following guidelines were used for this report:

- Metal concentrations were compared to California Code of Regulations (CCR) Title 22 STLCs and TTLCS.

- Concentrations of VOCs were compared to EPA Region 9 PRGs. For a specific compound in soil, two separate PRGs are presented: one for industrial land use (PRG-i), and another for residential land use (PRG-r). When considering PRGs as preliminary goals, residential concentrations should be used for maximum beneficial uses of a property in the future.
- Concentrations of ethylbenzene and xylenes were compared to PRGs and Maximum Soil Screening Levels (MSSLs) published by the Los Angeles Regional Water Quality Control Board (RWQCB). The RWQCB's Table 4-1, provides guidance for Maximum Soil Screening Levels (MSSL's) for Total Petroleum Hydrocarbons' (TPH) potential to impact aquifers and drinking water. This table sets the MSSL in relationship to depth to groundwater.

The following sections provide comparisons of concentrations of chemicals identified within the Site soils to appropriate regulatory agency guidelines.

#### Metals

The concentrations of the metals detected in Site soil were less than 10 times their respective STLCs, and below their respective TTLCs.

#### TPH-cc, TPH-g, SVOCs, and PCBs

Concentrations of TPH-cc, TPH-g, SVOCs, and PCBs were not detected above method detection limits, and are therefore below EPA PRGs for residential soil.

#### VOCs

The residential PRG for acetone is 1,600 mg/kg. The highest reported concentration of acetone in a soil sample collected during this investigation was 0.113 mg/kg (GP-21 at 2-feet bgs). Given this concentration, acetone is below the PRG-r.

The residential PRG for ethylbenzene is 8.9 mg/kg and the MSSL is 17.0 mg/kg. The highest reported concentration of ethylbenzene in a soil sample collected during this investigation was 0.018 mg/kg (GP-7 at 5-feet bgs). Given this concentration, ethylbenzene is below the PRG-r and MSSL.

The residential PRG for M,P-Xylene is 270 mg/kg and the MSSL is 48.0 mg/kg. The highest reported concentration of M,P-Xylene in a soil sample collected during this investigation was 0.062 mg/kg (GP-7 at 5-feet bgs). Given this concentration, M,P-Xylene is below the PRG-r and MSSL.

The residential PRG for O-Xylene is 270 mg/kg and the MSSL is 48.0 mg/kg. The highest reported concentration of O-Xylene in a soil sample collected during this investigation was 0.018 mg/kg (GP-7 at 5-feet bgs). Given this concentration, O-Xylene is below the PRG-r and MSSL.

The residential PRG for styrene is 1,700 mg/kg. The highest reported concentration of styrene in a soil sample collected during this investigation was 0.006 mg/kg (GP-3 at 40-feet bgs). Given this concentration, styrene is below the PRG-r.

The residential PRG for 1,2,4-Trimethylbenzene is 52 mg/kg. The highest reported concentration of 1,2,4-Trimethylbenzene in a soil sample collected during this investigation was 0.006 mg/kg (GP-22 at 40-feet bgs). Given this concentration, 1,2,4-Trimethylbenzene is below the PRG-r.

The residential PRG for naphthalene is 56 mg/kg. The highest reported concentration of naphthalene in a soil sample collected during this investigation was 0.017 mg/kg (GP-2 at 10-feet bgs). Given this concentration, naphthalene is below the PRG-r.

## CONCLUSIONS

Based on the results of our current assessment activities, Converse offers the following conclusions:

- The USTs for gasoline storage were removed. Documentation from Los Angeles County Department of Public Works indicated that the tanks were removed in 1994. The geophysical survey identified the limits of what appeared to be a backfilled tank pit. Drilling in the area of the USTs did not encounter any subsurface structures. Analytical test results of soils from these areas indicated that fuel related compounds were at concentrations below method detection limit or were below regulatory action levels.
- Fuel-Dispenser islands were removed. Documentation from Los Angeles County Department of Public Works indicated that the dispensers were removed in 1994 with the USTs. Analytical test results of soils from these areas indicated that fuel related compounds were at concentrations below method detection limit or were below regulatory action levels.
- Fuel-Dispenser piping system from the USTs to the fuel dispensers appears to have been removed during the removal of the USTs in 1994. No evidence of piping between the USTs and the fuel dispensers was noted by the geophysical survey.

Vent piping for the USTs was observed attached to the retaining wall on the north boundary of the Site. Results of the geophysical survey indicated a trench from the south side of the refrigeration box to the former tank location. Pipes were not identified in the trench by the geophysical survey. The route of the vent lines passes under the refrigeration or cooler box. It was not possible to investigate under the refrigeration box during this assessment. Based on surface and subsurface observations, it appears that the UST vent lines were removed from the location of the USTs to the south side of the refrigeration box. It is our opinion, based on the vent lines still being attached to the retaining wall that there may be a portion of the vent lines in place extending from the southern side of the refrigeration box northward to the retaining wall.

- To the east of the Repair facility a septic tank and a cesspool were depicted on the 1962 Site plan for the former gas station. This septic tank and cesspool were for the discharge of waste associated with the restrooms. Documentation presented within the ESA indicated that a concrete structure was broken up and removed from this area in 1994 when the USTs were reportedly removed. Although the notes of the inspector indicated the removed structure was a waste oil tank, it is our opinion that the structure that was removed was a septic tank. Typically, waste oil tanks are not constructed of concrete, and the 1962 plan indicates a 550 gallon waste oil tank on the west side of the Repair facility.

The geophysical survey did not indicate the presence of subsurface structures in this area. Drilling did not encounter subsurface structures such as a tank or cesspool. Results of analytical testing of the subsurface soils indicated that analyzed constituents were at concentrations below the method detection limits or below regulatory action limits.

- Borings were advanced adjacent to the existing and operable hydraulic lifts or hoists within the Repair facility. Results of analytical testing of subsurface soils indicated that the concentrations of analyzed constituents were below the method detection limits or below regulatory action limits.
- A boring was advanced and soils sampled adjacent to the existing clarifier within the Repair facility. Observation of the interior of the clarifier indicated that it was dry. Caked residual material was noted on the sides and the bottom, but this material was not sampled or tested. Results of analytical testing of subsurface soils indicated that concentrations of analyzed constituents were below the method detection limits or below regulatory action limits.

- The waste oil line, designed to carry material from the Repair facility to the 550 gallon waste oil UST to the west was capped and not in use by the current tenant. Three (3) attempts were made to sample soils from under the waste oil line. At each location, drilling refusal was met at about 1.5 feet bgs. No samples were obtained.
- A poorly repaired saw cut for a former trench in the floor of the Repair facility was drilled at one location and the soils sampled. Results of analytical testing of subsurface soils indicated that concentrations of analyzed constituents were below the method detection limits or below regulatory action limits.
- The location of a cesspool west of the Repair facility was depicted on the 1962 Site plan for the gasoline station. Situated over this location was the refrigeration box. This cesspool was for the disposal of fluids from the clarifier located in the Repair facility. There are no records of the removal or abandonment of the cesspool. It is therefore Converse's opinion that the cesspool is still in place. The geophysical survey could not assess this area because of the refrigeration box. A slant boring was completed in the area of the cesspool to sample soils in the general area. Results of analytical testing of subsurface soils indicated that concentrations of constituents analyzed were below the method detection limits or below regulatory action limits.
- The location of a 550 gallon waste oil UST was shown on the 1962 gasoline station Site plan. There is no record presented in the ESA that the 550 gallon UST was removed from the Site during the 1994 tank removal or at any another time. Interpretation of the geophysical survey indicated the presence of a UST (anomaly #2) in the area of the 550 gallon waste oil UST shown on the 1963 drawing. A hand auger boring was attempted in the area of geophysical anomaly #2 and refusal was encountered at about three (3) feet bgs. It is Converse's opinion that the 550 gallon waste oil tank was in place at time of this assessment. A boring (GP-14) was completed in the area of the UST to sample soils in the general area. Results of analytical testing of subsurface soils indicated that concentrations of constituents analyzed were below the method detection limits or below regulatory action limits.

- An underground structure was identified on the historic gas station site during the geophysical survey (anomaly #3). Anomaly #3 was located near the western driveway entering the Site. An exploratory boring (GP-25) was advanced in this area. A void space was encountered at approximately 3-feet bgs and continued to a depth of 8.75-feet bgs. The void space was the result of a rectangular shaped concrete vault. The historical use of this vault is unknown, although it appears to be a storm water vault. It is unclear if the structure is in use currently, although during the day before and the day that the structure was investigated, there were heavy rains at times, and very little standing water was observed in the bottom. A boring was completed adjacent to the vault to sample soils in the general area. Results of analytical testing of subsurface soils indicated that concentrations of constituents analyzed were below the method detection limits or below regulatory action limits.
- On the used car lot property, an underground structure was identified during the geophysical survey (anomaly #1). A boring (GP-25) was advanced in this area and it encountered a void space at about 2.5 feet bgs. The void was about four feet high. Rocks were noted in the bottom of the void. It appears that this subsurface structure was a cesspool. At the time of this assessment, the interior was dry. A boring was completed adjacent to the structure to sample soils in the general area. Results of analytical testing of subsurface soils indicated that concentrations of analyzed constituents were below the method detection limits or below regulatory action limits.
- Borings were completed in the used car portion of the Site. Results of analytical testing of subsurface soils indicated that concentrations of constituents analyzed were below the method detection limits or below regulatory action limits.

## **RECOMMENDATIONS**

Converse recommends the following to accomplish Site redevelopment:

- Complete assessment for the removal of the former USTs per Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines. Prepare a closure report and submit it to the County to achieve closure.
- Remove vent lines for the former USTs and perform confirmation sampling. Removal and confirmation sampling should be in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines in order to achieve closure. The refrigerator box will need to be demolished prior to the removal of the piping.
- Remove the two hydraulic hoists or lifts with associated piping. The removal should be in conformance with the applicable standards. Confirmation samples should be taken to assess soils under the hoists.
- Remove the clarifier. The removal should be in conformance with the applicable standards. Confirmation samples should be taken to assess soils under the clarifier.
- Investigate and remove if identified, the cesspool on the west side of the repair facility. The refrigeration box that is attached to the repair facility will need to be removed prior to any investigation or removal activities. Assessment and confirmation soil sampling are recommended if a cesspool is identified. This cesspool was for the disposal of fluid from the repair facility clarifier prior to the Site being connected to sewer. Removal and confirmation sampling should be in conformance with applicable standards.
- Investigate and remove if identified the 550 gallon waste oil UST with associated piping located on the west side of the historic gas station building. Confirmation soil sampling and further investigation may be necessary to assess possible soil contamination stemming from its past use. Removal and confirmation sampling should be in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines in order to achieve closure. The refrigerator box will need to be demolished prior to these activities.
- The concrete vault identified on the historic gas station site should be investigated further and it's current or previous use identified. If the vault is not currently in use, it should be properly removed or abandoned.

- Remove and/or abandon the cesspool identified at the used car lot. Removal and confirmation sampling should be in conformance with applicable standards.

### CLOSURE

This report has been prepared for the exclusive use of David Evans and Associates, Inc. in accordance with the terms and conditions under which these services were provided. Any reliance on this report by third parties shall be at third party's sole risk. Our services have been performed in accordance with applicable state and local ordinances, and generally accepted practices in the geosciences. No other warranty, either expressed or implied, is made.

Converse Consultants is not responsible or liable for any claims or damages associated with the accuracy or completeness of information provided by others. Site exploration identifies actual subsurface conditions only at those points where samples are taken, when they are taken. Data derived through sampling and analytical testing are extrapolated by geoscientists who then render an opinion about overall subsurface conditions. Actual conditions in the areas not sampled may differ from the predictions. This report should not be regarded as a guarantee that no further contamination, beyond that which was detected in our investigation, is present beneath the property. In the event that changes to the property occur, or additional, relevant information about the property is brought to our attention, the recommendations contained in this report may not be valid unless these changes and additional relevant information are reviewed and the recommendations of this report are modified in writing.

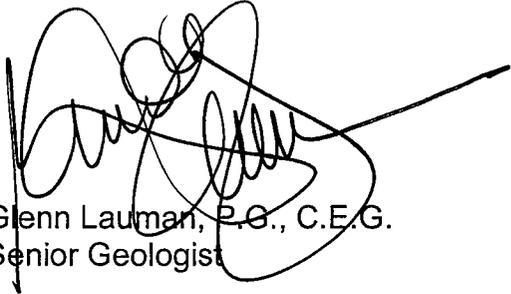
If you have questions relative to the findings presented herein, please call Glenn Lauman at (626) 930-1267 or Norman Eke at (626) 930-1260

Sincerely,

**CONVERSE CONSULTANTS**

  
William Ragsdale  
Sr. Staff Environmental Scientist

  
Norman S. Eke, REA  
Managing Officer

  
Glenn Lauman, P.G., C.E.G.  
Senior Geologist

Encl:

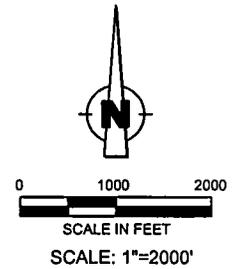
- Figure 1- Site Location Map
- Figure 2 – Gas Station Plan – 1962 Features
- Figure 3 – Boring Location Map with Selected Geophysical Data
- Figure 4 – Cross Sections
- Table 1 – Soil Analytical Results
- Appendix A – Geophysical Survey
- Appendix B – Boring Logs
- Appendix C - Soil Sample Analytical Report
- Appendix D – Health and Safety Plan

# FIGURES

# FIGURES



REFERENCE: USGS MAP  
PASADENA 1995



## VICINITY MAP

PROPOSED LA CRESCENTA LIBRARY  
2801-2813 FOOTHILL BLVD.  
LA CRESCENTA, CALIFORNIA

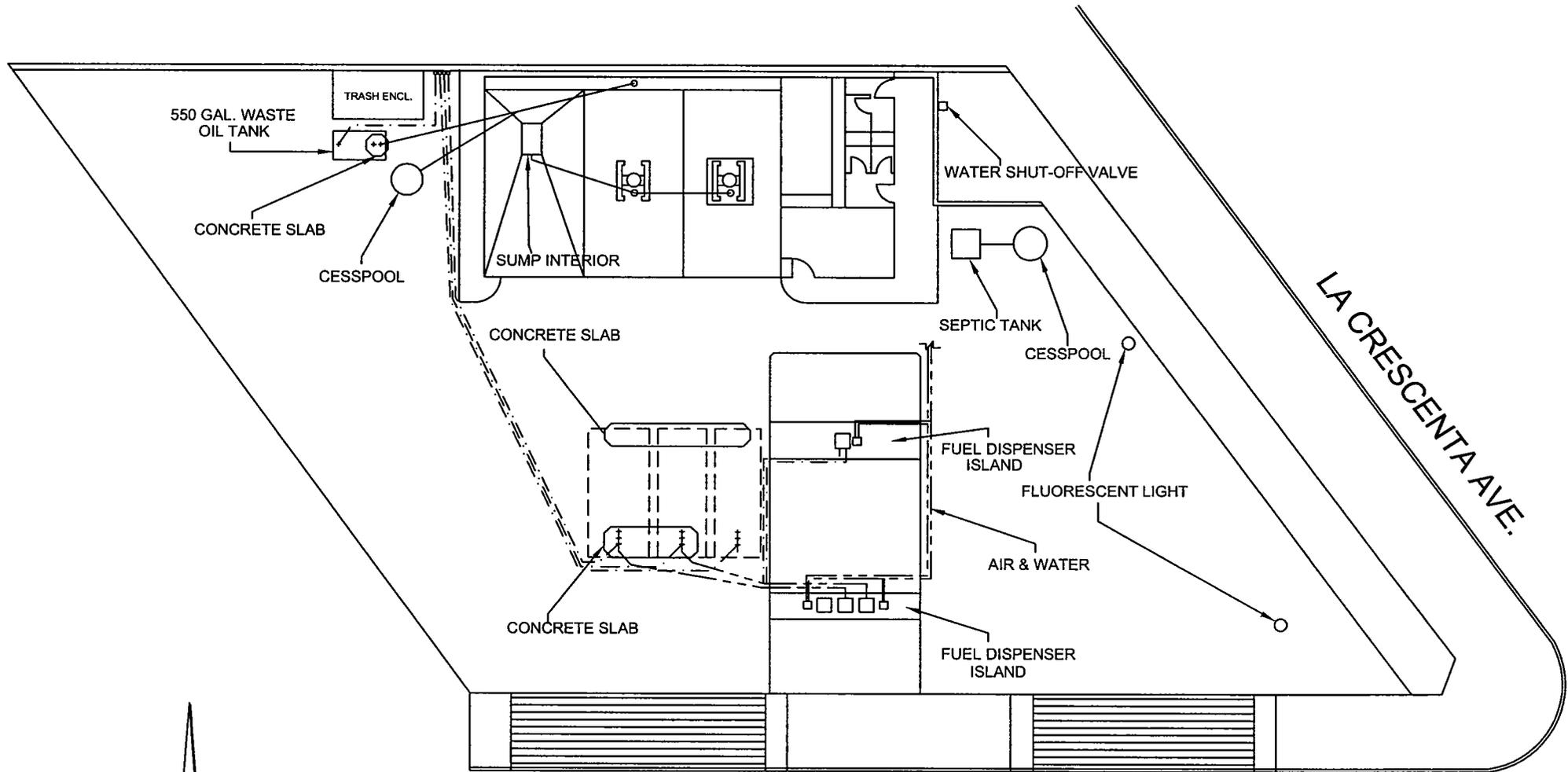
Project No.  
04-16-266-02



**Converse Consultants**

Figure No.

1



**GAS STATION PLAN - 1962 FEATURES**

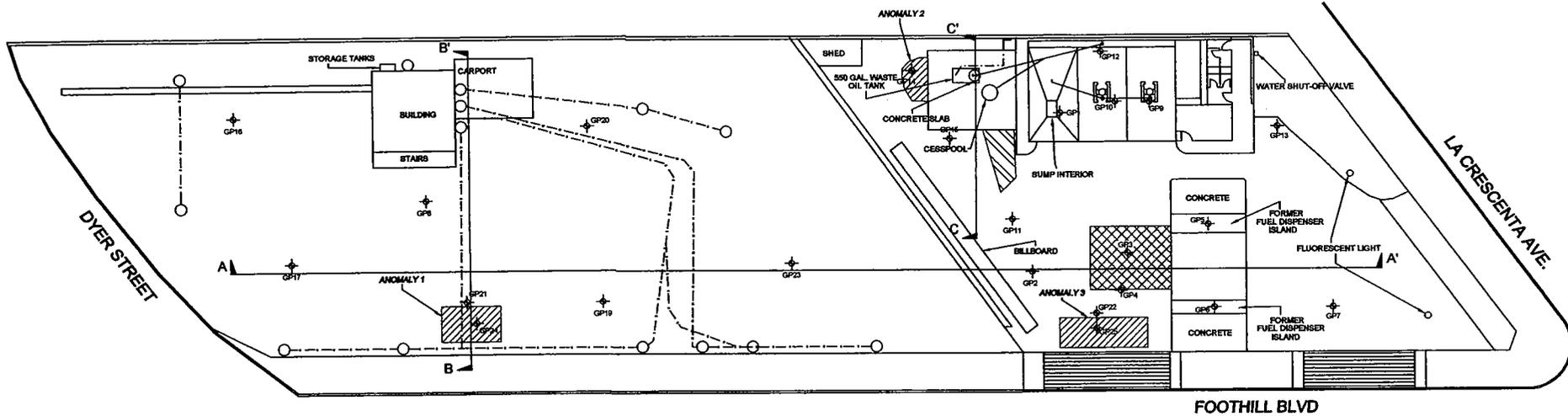
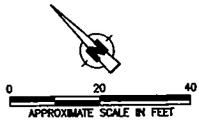


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 04-16-266-02

Figure No.  
 2



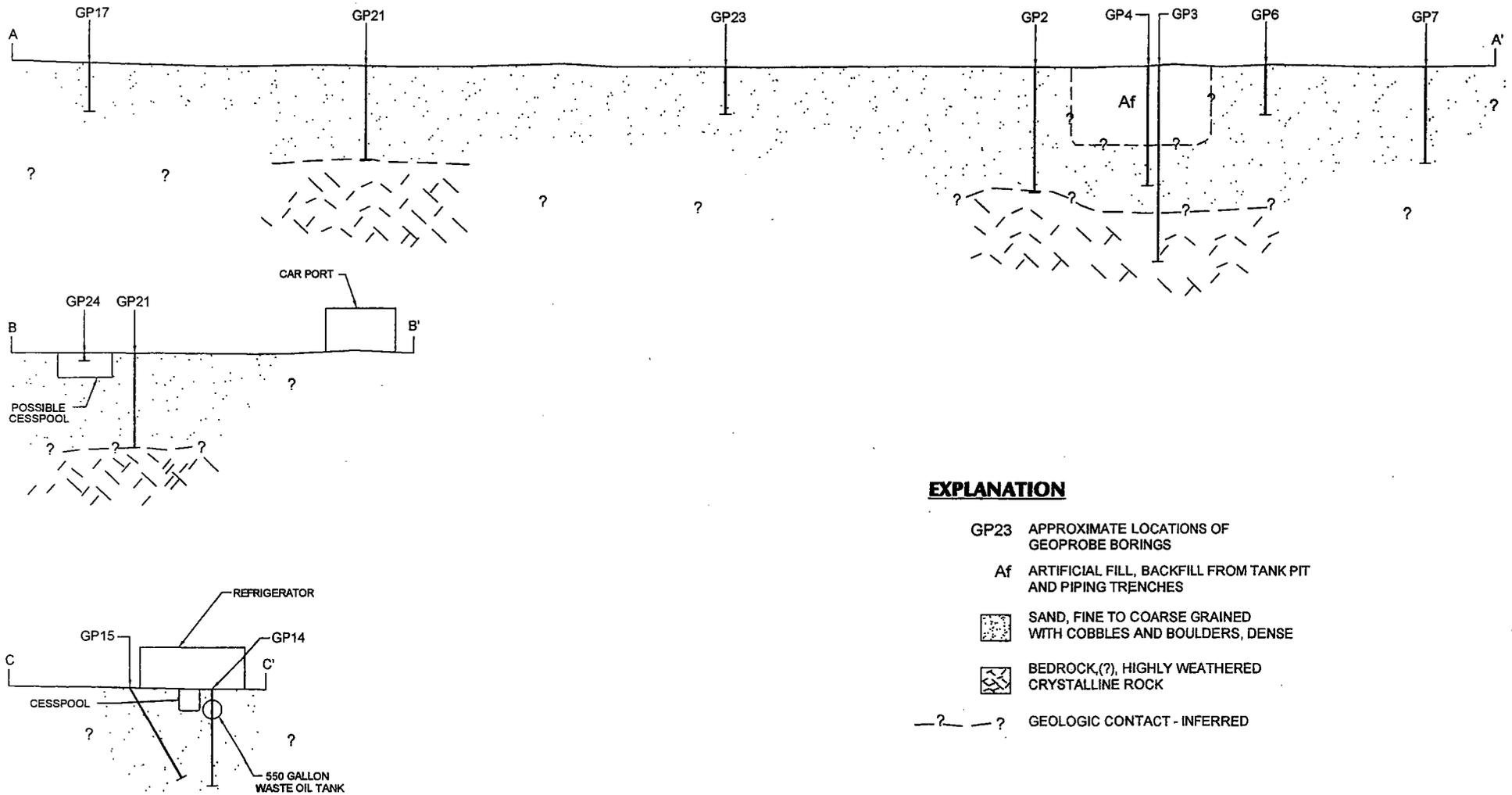
**EXPLANATION**

- GP23 APPROXIMATE LOCATION OF GEOPROBE BORING
- GPR ANOMALY
- SUSPECTED TANK PIT EXCAVATION-BACKFILL
- SUSPECTED VENT LINE CORRIDOR
- GEOLOGIC CROSS SECTION

**BORING LOCATION MAP WITH SELECTED GEOPHYSICAL DATA**

PROPOSED LA CRESCENTA LIBRARY  
 2801-2813 FOOHILL BLVD.  
 LA CRESCENTA, CALIFORNIA

Scale: 1"=20'  
 Date: MAR. 3, 2005  
 Project No.: 04-16-266-02  
 Page No.:



**GEOLOGIC CROSS SECTION**



**Converse Consultants**

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LA CRESENTA, CALIFORNIA

Project No.  
04-16-266-02

Figure No.

**4**

# TABLES

# TABLES

**TABLE 1**  
**METALS ANALYSES RESULTS**  
Proposed La Crescenta Library  
04-16-266-02

Boring No.	Depth in feet	Arsenic	Barium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Nickel	Silver	Vanadium	Zinc
GP-8	2	3.18	36.1	ND	2.99	2.54	4.46	2.82	0.18	ND	ND	15.5	27.2
GP-8	5	2.56	68.1	ND	1.57	3.33	ND	1.45	0.123	ND	ND	24.6	60.1
GP-11	2	1.86	65	ND	6.75	3.54	9.57	36.6	ND	4.15	ND	28	45.8
GP-11	5	3.27	59.8	ND	4.45	3.14	6.1	13.5	ND	3.32	ND	23.4	61.3
GP-11	10	1.25	79	ND	7.62	3.44	8.06	8.52	ND	5.13	ND	31.2	62.2
GP-13	5	3.58	56.4	ND	2.64	2.11	3.05	3.67	0.151	16.5	ND	12.7	24.4
GP-13	15	2.79	52	ND	3.83	3.29	6.78	1.51	ND	2.96	ND	20.2	25.8
GP-14	5	1.48	161	ND	1.35	4.96	8.07	0.996	ND	21.9	ND	29.2	41.5
GP-14	10	1.68	47.2	ND	1.74	2.18	2.87	1.33	ND	ND	ND	14.3	25
GP-14	15	1.14	56.4	ND	8.24	2.81	1.88	0.921	ND	5.49	ND	21.1	30
GP-15	10	1.75	56.1	ND	1.93	1.99	2.45	1.68	ND	ND	ND	14	28.2
GP-15	20	0.52	88.7	ND	1.49	1.81	2.05	ND	ND	ND	ND	11.2	39
GP-21	2	2.58	30.1	ND	3.56	2.55	4.84	2.57	ND	2.59	ND	19	29
GP-21	5	3.07	26.8	ND	1.73	1.66	2.72	2.15	ND	ND	ND	10.9	21.2
GP-21	15	2.58	48.2	ND	4.65	2.03	2.47	1.85	ND	3.55	ND	17.6	29.5
GP-21	20	1.62	47.7	ND	2.34	2.31	1.07	ND	ND	ND	ND	14.6	32.8
PQL		0.5	5	0.5	0.5	1	1	0.5	0.1	2.5	1	5	0.5
count		16	16	0	16	16	15	14	3	9	0	16	16
average		2.181875	61.1625	ND	3.555	2.730625	4.429333333	5.683357143	0.151333333	7.287777778	ND	19.21875	36.4375
max		3.58	161	0	8.24	4.96	9.57	36.6	0.18	21.9	0	31.2	62.2
TTLC		500	10000	100	2500	8000	2500	1000	20	2000	500	2400	5000
STLC		5	100	1	560	80	25	5	0.2	20	5	24	250

PQL - Practical Quantitation Limit

TTLC - Total Threshold Limit Concentration

STLC - Soluble Threshold Limit Concentration

ND - Non Detectable Concentrations at Method Detection Limits

**APPENDIX A**

**APPENDIX A**

**GEOPHYSICAL SURVEY**



215 So. Highway 101, Suite 203 P.O. Box 1152 Solana Beach, CA 92075  
Telephone: (858) 481-8949 Facsimile: (858) 481-8998 E mail: [geop@subsurfacesurveys.com](mailto:geop@subsurfacesurveys.com)

February 7, 2005

Converse Consultants  
10391 Corporate Drive  
Redlands, California 92374

Project No. 05-031

Attn: William Ragsdale

Re: Geophysical Investigation Report, 2801 Foothill Boulevard, La Crescenta, California

This report is to present the results of our geophysical survey carried out over portions of property located 2801 Foothill Boulevard, in La Crescenta, California, (Fig. 1) on January 31, 2005. The surveyed area consisted of asphalt and concrete-covered surfaces of two adjacent properties. Purpose of the survey was to locate and delineate, insofar as possible, any underground storage tanks (USTs), piping, conduit, and other buried features that may exist within the property and prepare a detailed site interpretation map (Figure 2) of the property surveyed. A secondary objective, should no UST(s) be found, was to find evidence of backfilled excavations created during an earlier demolition process, therefore suggesting removal of the tank(s). A combination of ground penetrating radar (GPR), electromagnetic induction (EM), and line tracing were applied to the search.

Multiple methods were utilized because each instrument senses different material properties of the ground and buried objects. At any given site the situation, geologic and cultural, may be such that one or more of the instruments may record excessive "noise", the ground may not provide sufficient contrasts, or there may be overlapping anomalies, for a given instrument to be effective. Summarily stated, there are generally instrumental limits and interpretational impediments.

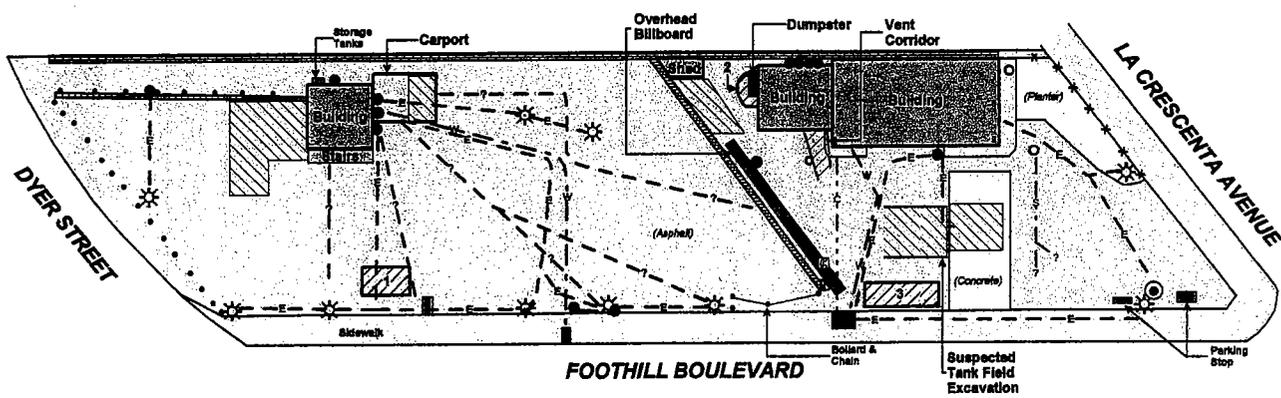
**Survey Design** – In accessible areas of the site, a single formal rectilinear grid was established to help guide EM data acquisition. The EM-61 data was collected at stations every 0.6 feet along north south oriented survey lines spaced 5 feet apart. Data was later processed such as to produce a gridded contour map showing where in the subsurface metallic objects might be found. It should be noted that the EM-61 responds to both conducting ferrous and non-ferrous objects.

Areas with detected EM anomalies were later investigated with GPR and an additional EM device for confirmation. Where nearby reinforced parking stops, buildings, bollards, steel fences, or other aboveground metallic objects produced non-target anomalies in the EM-61 data, these areas were also further investigated with other instruments to enhance confidence that nothing was overlooked. In this fashion, one EM grid was laid out to incorporate a location suspected to have housed a former UST(s).

Geonics model EM-61 instruments and the M-Scope TW-6 were used for the EM sampling. A Sensors & Software Noggin Ground Penetrating Radar unit produced the radar images, and the line tracer used was a Metrotech 9860.



# SITE INTERPRETATION MAP



<p><b>SITE</b> 2801 Foothill Blvd. La Crescenta, California</p>		<p><b>LEGEND</b></p>	
<p><b>DRAFTED</b> 31 January 2005</p>		<p>—■— sign</p>	<p>— — — water line</p>
<p><b>FIGURE 2</b></p>		<p>☼ light standard</p>	<p>—○— communication line</p>
<p><b>SCALE</b> 0 40ft</p>		<p>▨ gar assembly</p>	<p>—E— electric line</p>
		<p>▭ parked vehicle</p>	<p>—?— unknown line</p>
		<p>☎ telephone booth</p>	<p>—S— sewer line</p>
		<p>⦿ electric vault/riser</p>	
		<p>⦿ water meter/riser</p>	
		<p>○ sewer clean out</p>	

**Brief Description of the Geophysical Methods Applied** – The M-scope TW-6 device energize the ground by producing an alternating primary magnetic field with ac current in the transmitting coil. If conducting materials are within the area of influence of the primary field, ac eddy currents are induced to flow in the conductors. A receiving coil senses the secondary magnetic field produced by these eddy currents, and outputs the response in the form of a tone. The strength of the secondary field is a function of the conductivity of the object, say a pipe, tank or cluster of drums, its size, and its depth and position relative to the instrument's two coils. Conductive objects, to a depth of approximately 10 feet below ground surface (bgs) are sensed. Also the device is somewhat focused, that is, it is more sensitive to conductors below (and above) the instrument, than to conductors off to the side.

The EM-61 instrument is a high resolution, time-domain device for detecting buried conductive objects. It consists of a powerful transmitter that generates a pulsed primary magnetic field when its coils are energized, which induces eddy currents in nearby conductive objects. The decay of the eddy currents, following the input pulse, is measured by the coils, which in turn serve as receiver coils. The decay rate is measured for two coils, mounted concentrically, one above the other. By making the measurements at a relatively long time interval (measured in milliseconds) after termination of the primary pulse, the response is nearly independent of the electrical conductivity of the ground. Thus, the instrument is a super-sensitive metal detector. Due to its unique coil arrangement, the response curve is a single well-defined positive peak directly over a buried conductive object. This facilitates quick and accurate location of targets. Conductive objects, to a depth of approximately 11 feet bgs can be detected.

The line locator is used to passively detect energized high voltage electric lines and electrical conduit (50-60 Hz), VLF signals (14-22 kHz), as well as to actively trace other utilities. Where risers are present, the utility locator transmitter can be connected directly to the object, and a signal (9.8-82 kHz) is sent traveling along the conductor, pipe, conduit, etc. In the absence of a riser, the transmitter can be used to impress an input signal on the utility by induction. In either case, the receiver unit is tuned to the input signal, and is used to actively trace the signal along the pipe's surface projection.

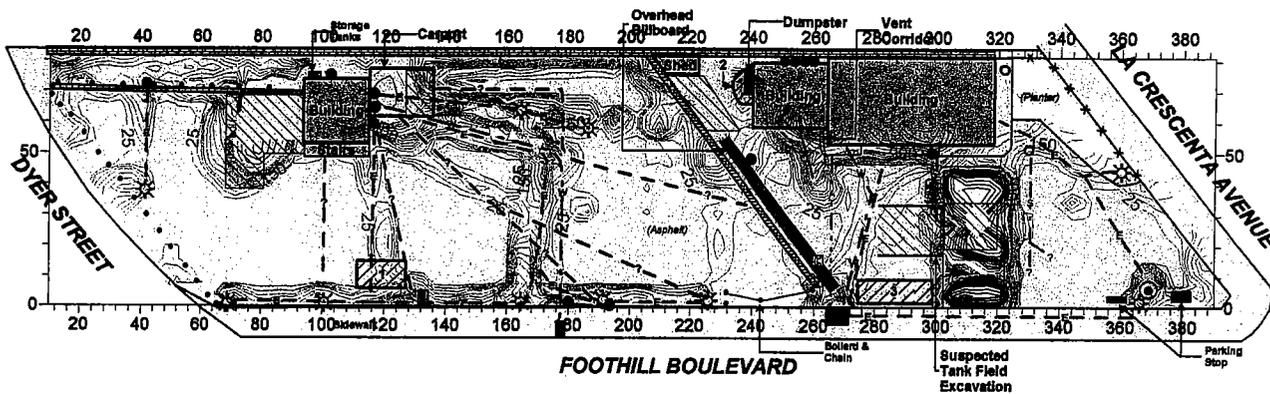
The GPR instrument beams energy into the ground from its transducer/antenna, in the form of electromagnetic waves. A portion of this energy is reflected back to the antenna at any boundary in the subsurface across which there is an electrical contrast. The recorder continuously makes a record of the reflected energy as the antenna is traversed across the ground surface. The greater the electrical contrast, the higher the amplitude of the returned energy. The EM wave travels at a velocity unique to the material properties of the ground being investigated, and when these velocities are known, or closely estimated from ground conductivity values and other information, two-way travel times can be converted to depth.

Penetration into the ground and resolution in the GPR images produced are a function of ground electrical conductivity, dielectric constant, and the frequency of the antenna used. The lower the frequency, the greater penetration one can generally achieve, but at the cost of lower resolution. Images tend to be graphic, even at considerable depth, in sandy soils, but penetration and resolution may be limited in drastically more conductive clayey moist ground.

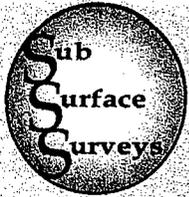
**Interpretation** - The interpretation took place in real time as the survey progressed, and accordingly, the findings of our investigation were marked on the ground cover at the site and reported to the client. They are further documented with a site interpretation map including an overlying EM-61 data set (Figure 3), and site photographs (figures 4-12).

# SITE INTERPRETATION MAP

## 2801 FOOTHILL BLVD. SRI

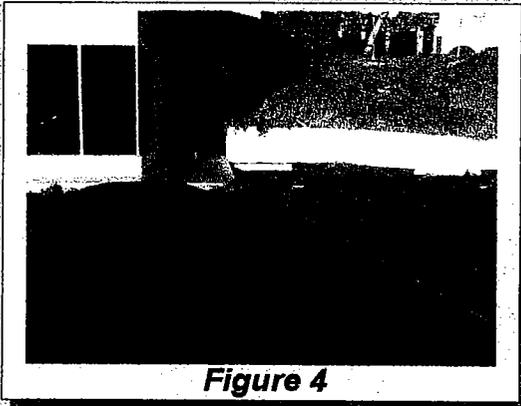


<b>SITE</b>		<b>LEGEND</b>	
2801 Foothill Blvd. La Crescenta, California		sign	water line
<b>DRAFTED</b> 31 January 2005		light standard	communication line
<b>FIGURE 3</b>		gas assembly	electric line
<b>SCALE</b> 0 40ft		parked vehicle	unknown line
		telephone booth	sewer line
		electric vault/tower	sandbar line
		water meter/tower	
		sewer clean out	

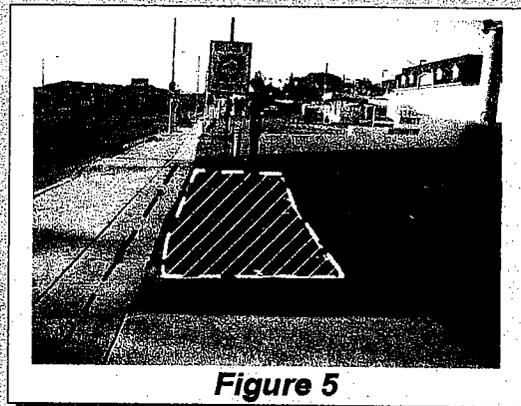


# **SITE PHOTOGRAPHS**

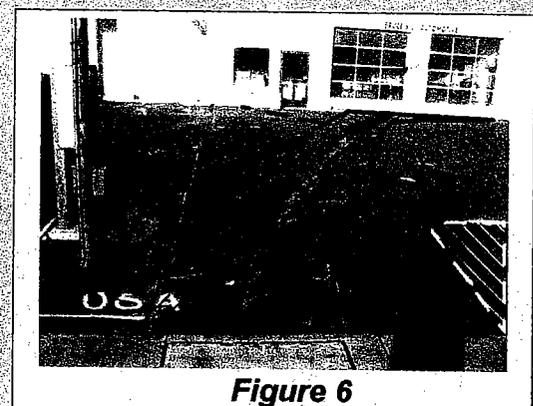
**2801 Foothill Boulevard  
La Crescenta, California**



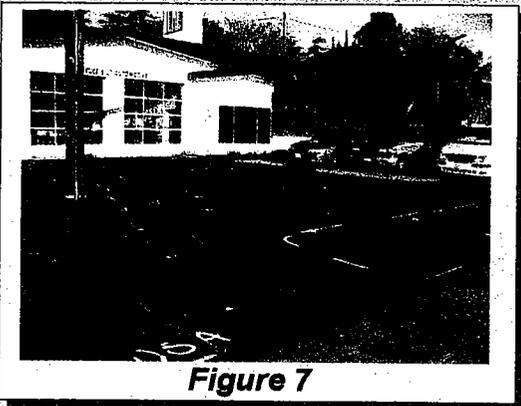
**Figure 4**



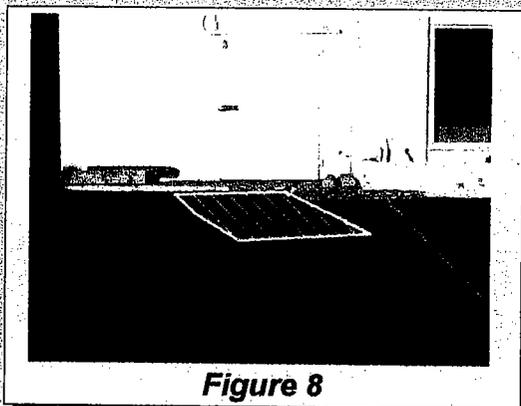
**Figure 5**



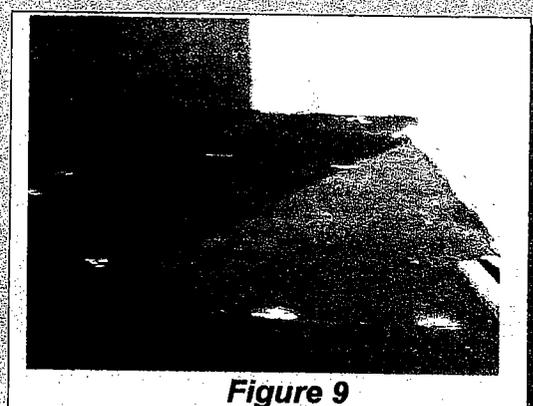
**Figure 6**



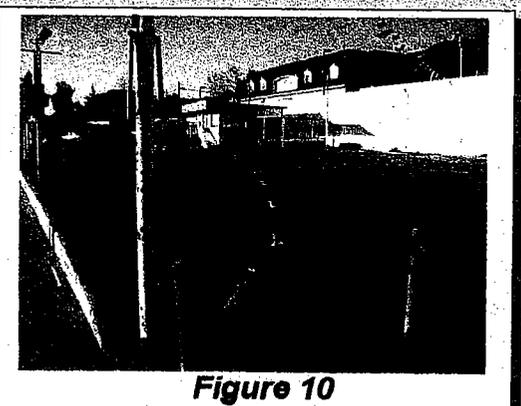
**Figure 7**



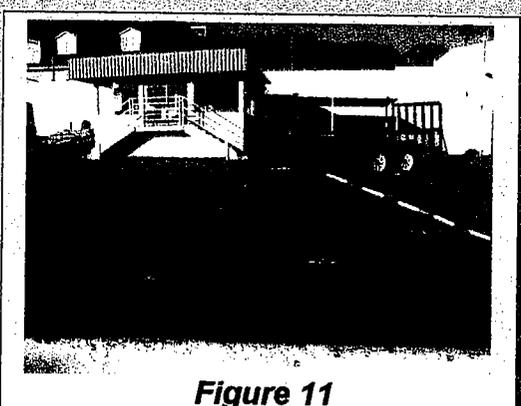
**Figure 8**



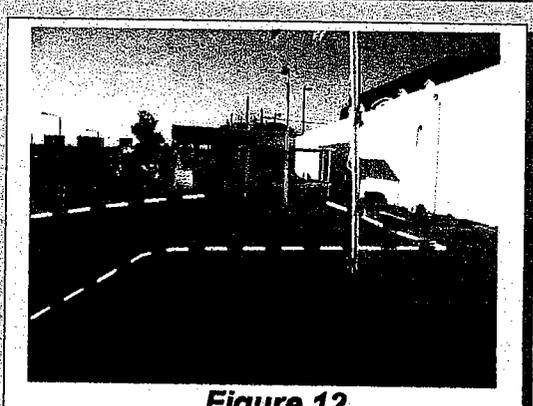
**Figure 9**



**Figure 10**



**Figure 11**



**Figure 12**

The EM instruments along with the line tracer were effective at locating and delineating utilities over the search areas. GPR was especially useful at detecting both metallic and non-metallic lines and utilities. According to principles of physics, radar penetration is a function of soil conductivity and dielectric constant. At this site local conditions were reasonably favorable for radar penetration due to the nature of the soil and materials covering the survey areas. This resulted in radar penetration down to approximately 4.0 feet bgs.

Piping and utilities detected during the survey were marked with spray chalk on the ground cover at the site (blue for water, red for electric, green for sanitary sewer, orange for communications, yellow for vent corridor/tank field, and pink/white for anomaly/unknown). A variety of utilities were detected during the survey, however, due to poor access and/or lack of a strong signal to trace with the line tracer, the survey crew was unable to fully delineate the path of the sanitary sewer laterals (Figures 2 and 3). Furthermore, several unknown lines were detected traversing between the area of the building located within the western-most property and several of the site's light standards. While these lines did not appear to have an electric charge within them, it may be possible that the lines once fed the light standards with energy and are now abandoned.

With careful observation of Figures 2 and 3, one can see that parked vehicles and a reinforced concrete pad account for the largest EM anomalies located within the surveyed area, while several light standards, bollards, reinforced walls, and buried utilities account for many of the other EM anomalies.

Three significant anomalies were detected with the use of GPR and labeled numerically (1-3) in Figures 2 and 3. The GPR anomaly, labeled as 1, was located within the southwestern quadrant of the survey area and shared characteristics with that of a former excavation (Figures 2, 3, and 11). While an additional GPR anomaly, labeled as 2, was detected along the western wall of the storage building, located adjacent to a former station building (Figures 2, 3, and 9). This GPR anomaly shares strong characteristics with that of a small UST (Figure 13) and may warrant further investigation. Additionally, a third GPR anomaly, labeled as 3, was detected adjacent to a large concrete pad located within the southeastern portion of the surveyed property (Figures 2, 3, 6, and 7). While this third GPR anomaly does not appear to represent either a UST or a former excavation, it shares similar characteristics with that of an area of soil compaction. Finally, with use of GPR, the survey crew was able to identify an anomaly that shared strong characteristics with that of a former tank field excavation (labeled in gold, figures 2 and 3).

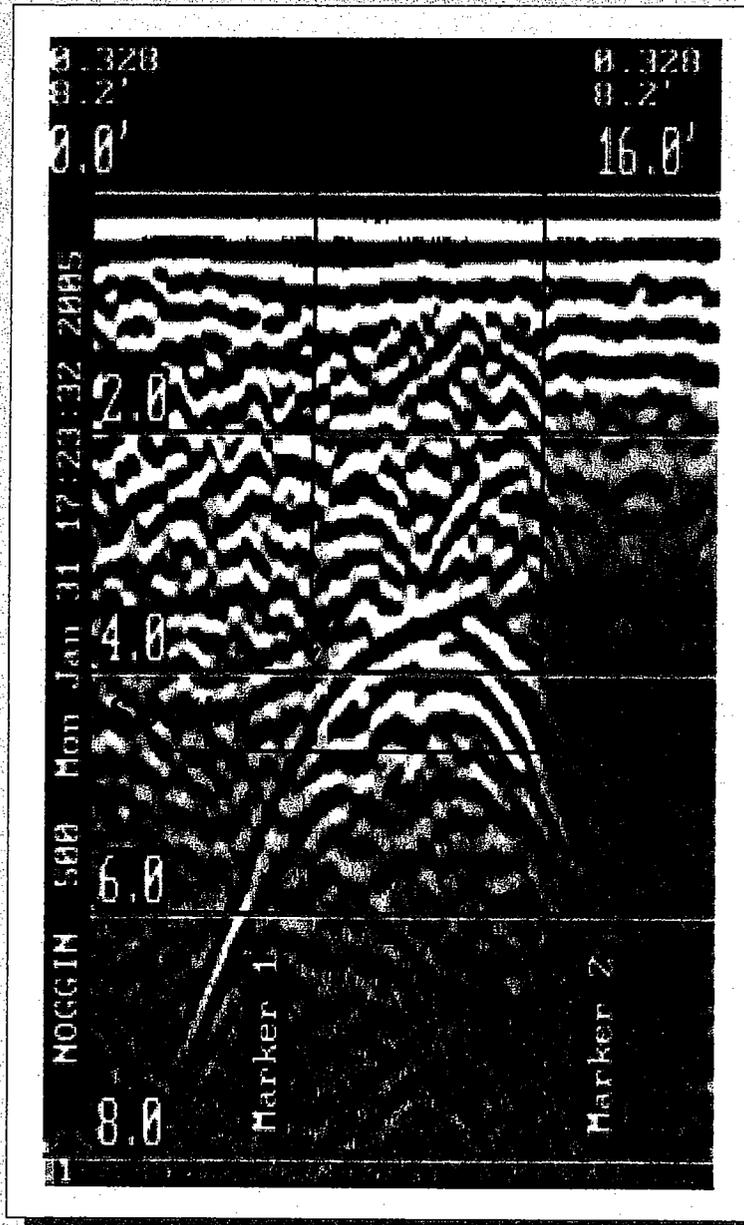
**Conclusions** – One major GPR anomaly, located in the northern portion of the survey area and labeled as 2, may represent a small UST possibly warranting further investigation. While three other GPR anomalies were detected, two sharing characteristics with former excavations, and the third representing a patch of compacted soil. None of which appears to represent a UST. Finally, all detectable utilities and anomalies were marked on the groundcover and included within the site interpretation maps (Figures 2 and 3).

*SubSurface Survey's professional personnel are trained and experienced and have completed thousands of projects since the company's inception in 1988. It is our policy to work diligently to bring this training and experience to bear to acquire quality data sets, which in turn, can provide clues useful in formulating our interpretations. Still, non-uniqueness of interpretations, methodological limitations, and non-target interferences are prevailing problems. SubSurface Surveys makes no guarantee either expressed or implied regarding the accuracy of the interpretations presented. And, in no event will SubSurface Surveys be liable for any direct, indirect, special, incidental, or consequential damages resulting from interpretations and opinions presented herewith.*



# **RADAR INTERPRETATION**

*2801 Foothill Boulevard  
La Crescenta, California*

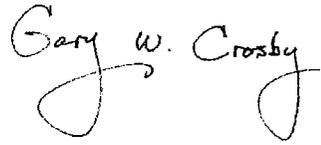


**FIGURE 13**

All data generated on this project are in confidential file in this office, and are available for review by authorized persons at any time. The opportunity to participate in this investigation is very much appreciated. Please call, if there are questions.



Ryan T. Merkey  
Staff Geophysicist



Gary W. Crosby, PhD, GP# 960  
Senior Geophysicist

**APPENDIX B**

**APPENDIX B**

**BORING LOGS**

# Log of Boring No. GP1

Dates Drilled: 2/6/2005      Logged by: WLR      Checked By: GAL  
 Equipment: GEOPROBE      Driving Weight and Drop: N/A  
 Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	SUMMARY OF SUBSURFACE CONDITIONS This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
			DRIVE	BULK				
	1.5 INCHES CONCRETE							
5	SAND (SW): fine to medium-grained sand, brown, slightly moist, dense, with angular rock fragments to .75 inches.	X						
	SAND (SP): fine-grained sand, dark gray, slightly moist, dense, with angular rock fragments to .25 inch.	X						
10	SAND (SW): fine to medium-grained sand, gray tan, slightly moist, very dense and hard, rock fragments to .5 inches, drilling through weathered rock.	X						
	Refusal at 12 feet. End of boring at 12 feet. No 12 foot sample. No groundwater encountered. Boring backfilled with hydrated bentonite. Surface finished to match existing.							



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Drawing No.  
 GP1

# Log of Boring No. GP2

Dates Drilled: 2/6/2005      Logged by: WLR      Checked By: GAL  
 Equipment: GEOPROBE      Driving Weight and Drop: N/A  
 Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	<b>SUMMARY OF SUBSURFACE CONDITIONS</b> This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
			DRIVE	BULK				
		2" ASPHALT						
5		<b>SAND (SP):</b> fine-grained sand, gray, brown, slightly moist, dense.	X					53.2
10		<b>SAND (SW):</b> fine to medium-grained, dark brown, slightly moist, dense, with angular rock fragments to .25 inches.	X					18
15		<b>SAND (SP):</b> fine-grained sand, light brown, slightly moist dense, with rock fragments to .25 inch.	X					29
20		<b>SAND (SP):</b> very fine-grained sand, brown gray, slightly moist, very dense.	X					23.3
25		<b>SAND (SP):</b> fine-grained sand, rock, tan, slightly moist, very dense, drilling through weathered rock.	X					0
		Refusal at 26 feet. End of boring at 26 feet. No groundwater encountered. Boring backfilled with hydrated bentonite. Surface finished to match existing.						



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Drawing No.  
 GP2

# Log of Boring No. GP3

Dates Drilled: 2/6/2005      Logged by: CCW      Checked By: GAL  
 Equipment: GEOPROBE      Driving Weight and Drop: N/A  
 Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	<b>SUMMARY OF SUBSURFACE CONDITIONS</b> This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
			DRIVE	BULK				
	2" ASPHALT							
5		<b>SAND (SP):</b> fine-grained sand, brown, slightly moist, dense.	X					
10		<b>SAND (SP):</b> fine to medium-grained sand, dark brown, slightly moist, dense.	X					
15		<b>SAND (SP):</b> fine-grained sand, gray white, slightly moist, very dense, with angular rock fragments to .5 inches (granitic).	X					
20		<b>SAND (SP):</b> fine-grained sand, light gray, slightly moist, very dense, angular rock fragments to 1 inch (granitic).	X					
25		<b>SAND (SP):</b> fine-grained sand, white, slightly moist, very dense, drilling through weathered rock (granitic).	X					
30		<b>SAND (SP):</b> very fine-grained sand, rock flour, tan, slightly moist, very dense, drilling through weathered rock.	X					



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Drawing No.  
 GP3a

# Log of Boring No. GP3

Dates Drilled: 2/6/2005      Logged by: CCW      Checked By: GAL  
 Equipment: GEOPROBE      Driving Weight and Drop: N/A  
 Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	SUMMARY OF SUBSURFACE CONDITIONS <small>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</small>	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
			DRIVE	BULK				
40		<p><b>SAND (SP):</b> very fine-grained sand, rock flour, light brown, slightly moist, very dense, drilling through weathered rock.</p> <p><b>SAND (SP):</b> very fine-grained, rock flour, tan, slightly moist, very dense, drilling through weathered rock.</p> <p>End of boring at 40.5 feet. No groundwater encountered. Boring backfilled with hydrated bentonite. Surface finished to match existing.</p>	<div style="text-align: center;">X</div> <div style="text-align: center;">X</div>					111
								18.8



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Drawing No.  
 GP3b

# Log of Boring No. GP4

Dates Drilled: 2/6/2005      Logged by: CCW      Checked By: GAL  
 Equipment: GEOPROBE      Driving Weight and Drop: N/A  
 Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	SUMMARY OF SUBSURFACE CONDITIONS This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
			DRIVE	BULK				
		2" ASPHALT						
5		<b>SAND (SP):</b> fine-grained sand, gray brown, slightly moist, dense.	X					
10		<b>SAND (SP):</b> fine-grained sand, tan, slightly moist, dense.	X					
15		<b>SAND (SP):</b> fine-grained sand, black brown, slightly moist, dense, with angular rock fragments to .25 inches.	X					
20		<b>SAND (SW):</b> fine to medium-grained sand, with rock flour, gray tan, slightly moist, very dense, with angular rock fragments, drilling through weathered rock.	X					
25		<b>SAND (SP):</b> very fine grained sand, rock flour, light white gray, slightly moist, very dense, with angular rock fragments, drilling through weathered rock.	X					
		Refusal at 25.5 feet. End of boring at 25.5 feet. No groundwater encountered. Boring backfilled with hydrated bentonite. Surface finished to match existing.						



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Drawing No.  
 GP4

# Log of Boring No. GP5

Dates Drilled: 2/6/2005      Logged by: CCW      Checked By: GAL  
 Equipment: GEOPROBE      Driving Weight and Drop: N/A  
 Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	SUMMARY OF SUBSURFACE CONDITIONS <small>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</small>	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
			DRIVE	BULK				
		2" ASPHALT						
5		<b>SAND (SP):</b> medium grained sand, brown, slightly moist, dense, with angular rock fragments to .5 inches (granitic).	X					
10		<b>SAND (SP):</b> fine to medium-grained sand, dark brown, slightly moist, dense, with fragments to .25 inches (granitic).	X					
		End of boring at 10.5 feet. No groundwater encountered. Boring backfilled with hydrated bentonite. Surface finish to match existing.						



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Drawing No.  
 GP5

# Log of Boring No. GP6

Dates Drilled: 2/6/2005      Logged by: CCW      Checked By: GAL  
 Equipment: GEOPROBE      Driving Weight and Drop: N/A  
 Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	<b>SUMMARY OF SUBSURFACE CONDITIONS</b> This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
			DRIVE	BULK				
	2" ASPHALT							
5		<b>SAND (SP):</b> fine-grained sand, light brown, slightly moist, dense, rock fragments to .5 inches (granitic).	X					
10		<b>SAND (SW):</b> fine to coarse-grained sand, gray brown, slightly moist, dense, angular rock fragments to .5 inches.	X					
		End of boring at 10.5 feet. No groundwater encountered. Boring backfilled with hydrated bentonite. Surface finished to match existing.						



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Drawing No.  
 GP6

# Log of Boring No. GP7

Dates Drilled: 2/6/2005      Logged by: CCW      Checked By: GAL

Equipment: GEOPROBE      Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	SUMMARY OF SUBSURFACE CONDITIONS This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
			DRIVE	BULK				
		2" ASPHALT						
5		<b>SAND (SP):</b> fine to medium-grained sand, tan, slightly moist, dense with angular rock fragments to .5 inch.	X					
10		<b>SAND (SP):</b> fine to coarse-grained sand, light brown, slightly moist, dense.	X					
15		<b>SAND (SP):</b> fine-grained sand, brown, slightly moist, dense, angular rock, fragments to .5 inch (granitic).	X					
20		<b>SAND (SP):</b> fine-grained sand, gray, slightly moist, dense, angular rock fragments to .25 inch (granitic). End of boring at 20.5 feet. No groundwater encountered. Boring backfilled with hydrated bentonite. Surface finished to match existing.	X					



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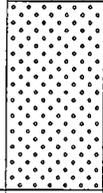
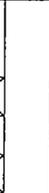
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Drawing No.  
GP7

# Log of Boring No. GP8

Dates Drilled: 2/6/2005      Logged by: WLR      Checked By: GAL  
 Equipment: GEOPROBE      Driving Weight and Drop: N/A  
 Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	SUMMARY OF SUBSURFACE CONDITIONS This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
			DRIVE	BULK				
5		<p style="margin: 0;"><b>1.5 INCHES CONCRETE</b></p> <p style="margin: 0;"><b>SAND (SW):</b> fine to medium-grained sand, brown, slightly moist, dense.</p> <p style="margin: 0;"><b>SAND (SW):</b> fine to coarse-grained sand, light brown, slightly moist, very dense, with angular rock fragments to .25 inches.</p> <p style="margin: 0;">End of boring at 5 feet. No groundwater encountered. Boring backfilled with hydrated bentonite. Surface finished to match existing.</p>						



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Drawing No.  
 GP8

# Log of Boring No. GP9

Dates Drilled: 2/6/2005      Logged by: WLR      Checked By: GAL

Equipment: GEOPROBE      Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	SUMMARY OF SUBSURFACE CONDITIONS This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
			DRIVE	BULK				
		1.5 INCHES CONCRETE						
5		<p><b>SAND (SW):</b> fine to medium-grained sand, tan, gray, slightly moist, dense, with angular rock fragments to .5 inches.</p> <p><b>SAND (SW):</b> fine to coarse-grained sand, light brown, slightly moist, dense, with angular rock fragments to 1 inch.</p>	X					
10		<p><b>SAND (SW):</b> fine to coarse-grained sand, dark orange brown, slightly moist, dense.</p>	X					
15		<p><b>SAND (SP):</b> fine-grained sand, light gray, slightly moist, very dense, with angular rock fragments to 1 inch, drilling through rock.</p>	X					
20		End of boring at 20 feet.						



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Drawing No.  
GP9

# Log of Boring No. GP10

Dates Drilled: 2/6/2005      Logged by: WLR      Checked By: GAL

Equipment: GEOPROBE (TRACK)      Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	SUMMARY OF SUBSURFACE CONDITIONS <small>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</small>	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
			DRIVE	BULK				
		1.5 INCHES CONCRETE						
5		<p><b>SAND (SP):</b> fine to medium-grained sand, brown, slightly moist, dense.</p> <p><b>SAND (SP):</b> fine-grained sand, light yellow, brown, slightly moist, dense, with angular rock fragments.</p>	X	X				
10		<p><b>SAND (SW):</b> fine to coarse-grained sand, brown, slightly moist, very dense, with angular rock fragments.</p> <p>Refusal at 11 feet. End of boring at 11 feet. No groundwater encountered. Boring backfilled with hydrated bentonite. Surface finished to match existing.</p>	X					



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Drawing No.  
GP10

# Log of Boring No. GP11

Dates Drilled: 2/6/2005      Logged by: CCW      Checked By: GAL  
 Equipment: GEOPROBE (TRACK)      Driving Weight and Drop: N/A  
 Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	<b>SUMMARY OF SUBSURFACE CONDITIONS</b> This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
			DRIVE	BULK				
	2 INCH ASPHALT							
5		<b>SAND (SP):</b> fine-grained sand, gray, brown, moist, dense.  <b>SAND (SP):</b> fine-grained sand, gray, black, slightly moist, dense, angular rock fragments to .25 inches.	X					
10		<b>SAND (SP):</b> fine-grained sand, brown, black, slightly moist, dense, with black like substance.	X					
15		<b>SAND (SP):</b> fine-grained sand, light brown, slightly moist, dense, with angular rock fragments to .25 inches.  End of boring at 15 feet. No groundwater encountered. Boring backfilled with hydrated bentonite. Surface finished to match existing.	X					



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Drawing No.  
 GP11

# Log of Boring No. GP12

Dates Drilled: 2/6/2005      Logged by: WLR      Checked By: GAL  
 Equipment: HAND AUGER      Driving Weight and Drop: N/A  
 Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	<p style="text-align: center;"><b>SUMMARY OF SUBSURFACE CONDITIONS</b></p> <p style="font-size: small;">This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</p>	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
			DRIVE	BULK				
		<p><b>1.5 INCHES CONCRETE</b></p> <p>-Refusal at 1 ft, moved 1 ft west</p> <p>End of boring at 1.5 feet.                      No groundwater encountered.                      No samples recovered.                      Boring backfilled with hydrated bentonite.                      Surface finished to match existing.</p>						



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Drawing No.  
 GP12

# Log of Boring No. GP13

Dates Drilled: 2/6/2005      Logged by: WLR      Checked By: GAL  
 Equipment: GEOPROBE      Driving Weight and Drop: N/A  
 Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	<b>SUMMARY OF SUBSURFACE CONDITIONS</b> This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
			DRIVE	BULK				
		<b>2 INCH ASPHALT</b>						
		<b>SAND (SW):</b> fine to medium-grained sand, yellow brown, moist, dense, with fine gravel, trench backfill. -hit water pipe, water intrusion into hole						
		End of boring at 3 feet. No groundwater encountered. Boring backfilled with hydrated bentonite. Surface finished to match existing.						



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Drawing No.  
 GP13

# Log of Boring No. GP13A

Dates Drilled: 2/7/2005      Logged by: WLR      Checked By: GAL  
 Equipment: GEOPROBE (TRACK)      Driving Weight and Drop: N/A  
 Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	<b>SUMMARY OF SUBSURFACE CONDITIONS</b> This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
			DRIVE	BULK				
		2 INCHES ASPHALT						
5		<b>SAND (SO):</b> fine-grained sand, with trace medium grained sand, light brown, slightly moist, dense.	X					
10		<b>SAND (SW):</b> fine to coarse-grained sand, yellow brown, slightly moist, dense, with angular rock fragments to 1 inch, appears to be highly weathered rock.	X					
15		<b>SAND (SW):</b> fine to medium-grained sand with rock flour, tan, slightly moist, very dense, with rock fragments to 1 inch, drilling through weathered rock.	X					
20		<b>SAND (SP):</b> fine-grained sand, with rock flour and trace medium grained sand, gray tan, slightly moist, very dense with angular rock fragments to .25 inches.	X					
		End of boring at 20 feet. No groundwater encountered. Boring backfilled with hydrated bentonite. Surface finished to match existing.						



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Drawing No.  
 GP13A

# Log of Boring No. GP14

Dates Drilled: 2/6/2005      Logged by: WLR      Checked By: GAL  
 Equipment: GEOPROBE (TRACK)      Driving Weight and Drop: N/A  
 Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	SUMMARY OF SUBSURFACE CONDITIONS <small>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</small>	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
			DRIVE	BULK				
	2 INCHES ASPHALT							
5	SAND (SW): fine to medium-grained sand, gray, slightly moist, dense, with angular rock fragments to .5 inches.	SAND (SW): fine to coarse-grained sand, yellow brown, slightly moist dense, with angular rock fragments to .25 inches.	X					
10	SAND (SP): fine to medium-grained sand, light brown, slightly moist, dense.		X					
15	SAND (SP): fine-grained sand, gray tan, slightly moist, very dense, with angular rock fragments to 1 inch (granitic).		X					
20	SAND (SP): fine-grained sand, black, slightly moist, very dense, with angular rock fragments to 5 inches (granitic).		X					
	End of boring at 20 feet. No groundwater encountered. Boring backfilled with hydrated bentonite. Surface finished to match existing.							



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Drawing No.  
 GP14

# Log of Boring No. GP15

Dates Drilled: 2/6/2005      Logged by: WLR      Checked By: GAL  
 Equipment: GEOPROBE (TRACK)      Driving Weight and Drop: N/A  
 Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	SUMMARY OF SUBSURFACE CONDITIONS <small>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</small>	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
			DRIVE	BULK				
5	2 INCHES ASPHALT	-Boring advanced as slant boring 60° inclination						
10		<b>SAND (SW):</b> fine to coarse-grained, light brown, slightly moist, dense, with angular rock fragments to 1 inch. -Refusal at 6 feet, reset 6 feet south	X					
15		<b>SAND (SP):</b> fine-grained sand, light gray, slightly moist, dense with angular rock fragments to 1 inch (granitic).	X					
20		<b>SAND (SP):</b> fine to medium-grained sand, tan, slightly moist, very dense.	X					
		<b>SAND (SP):</b> fine-grained sand, yellow brown, slightly moist, very dense, with angular rock fragments (granitic).	X					
		Refusal at 22 feet. No sample recovered at 22 feet. No groundwater encountered. Boring backfilled with hydrated bentonite. Surface finished to match existing slant boring 60° inclination.						



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Project No.  
 04-16-266-02

Drawing No.  
 GP15

# Log of Boring No. GP16

Dates Drilled: 2/7/2005      Logged by: WLR      Checked By: GAL  
 Equipment: GEOPROBE      Driving Weight and Drop: N/A  
 Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	SUMMARY OF SUBSURFACE CONDITIONS <small>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</small>	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
			DRIVE	BULK				
		2 INCH ASPHALT						
5		<p><b>SAND (SP):</b> fine-grained sand, gray, slightly moist, dense, with angular rock fragments to 1 inch.</p> <p><b>SAND (SP):</b> fine to medium-grained sand, yellow brown, slightly moist, very dense, with rock fragments to .25 inches.</p>	X	X				
10		<p><b>SAND (SP):</b> fine-grained sand, with rock flour, slightly moist, very dense, with angular rock fragments to .25 inches.</p> <p>End of boring at 10 feet. No groundwater encountered. Boring backfilled with hydrated bentonite. Surface finished to match existing.</p>	X					



**Converse Consultants**

Project Name  
 DAVID EVANS  
 LA CRESENTA LIBRARY

Project No.  
 04-16-266-02

Drawing No.  
 GP16

# Log of Boring No. GP17

Dates Drilled: 2/7/2005      Logged by: WLR      Checked By: GAL

Equipment: GEOPROBE (TRACK)      Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	SUMMARY OF SUBSURFACE CONDITIONS <small>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</small>	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
			DRIVE	BULK				
	2 INCHES ASPHALT							
5		<p><b>SAND (SP):</b> fine-grained sand, green brown, slightly moist, dense.</p> <p><b>SAND (SP):</b> fine to medium-grained sand, light brown, slightly moist, dense, with angular rock fragments to .25 inches.</p>	X	X				
10		<p><b>SAND (SP):</b> fine-grained sand, with rock flour, light brown, slightly moist, very dense with angular rock fragments to .25 inches.</p> <p>End of boring at 10.5 feet. No groundwater encountered. Boring backfilled with hydrated bentonite. Surface finished to match existing.</p>	X					



**Converse Consultants**

Project Name  
DAVID EVANS  
LA CRESENTA LIBRARY

Project No.  
04-16-266-02

Drawing No.  
GP17

# Log of Boring No. GP18

Dates Drilled: 2/7/2005      Logged by: WLR      Checked By: GAL

Equipment: GEOPROBE (TRACK)      Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	SUMMARY OF SUBSURFACE CONDITIONS <small>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</small>	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
			DRIVE	BULK				
5		<p style="margin: 0;"><b>2 INCHES ASPHALT</b></p> <p style="margin: 10px 0 0 20px;"><b>SAND (SW):</b> fine to coarse-grained sand, brown, slightly moist, dense, with angular rock fragments to 1 inch.</p> <p style="margin: 10px 0 0 20px;"><b>SAND (SW):</b> fine to coarse-grained sand, light brown, slightly moist, dense, with angular rock fragments to .5 inches.</p>						
10		<p style="margin: 0;"><b>SAND (SP):</b> fine-grained sand, yellow brown, slightly moist, very dense, with angular rock fragments to .5 inches.</p> <p style="margin: 10px 0 0 20px;">End of boring at 10.5 feet. No groundwater encountered. Boring backfilled with hydrated bentonite. Surface finished to match existing.</p>						



**Converse Consultants**

Project Name  
DAVID EVANS  
LA CRESENTA LIBRARY

Project No.  
04-16-266-02

Drawing No.  
GP18

# Log of Boring No. GP19

Dates Drilled: 2/7/2005      Logged by: WLR      Checked By: GAL  
 Equipment: GEOPROBE (TRACK)      Driving Weight and Drop: N/A  
 Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	SUMMARY OF SUBSURFACE CONDITIONS <small>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</small>	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
			DRIVE	BULK				
		2 INCHES ASPHALT						
5		<b>SAND (SP):</b> fine to medium-grained sand, dark brown to black, slightly moist, dense, with angular rock fragments to .5 inches.	X					
		<b>SAND (SP):</b> fine to coarse-grained with rock flour, tan, slightly moist, very dense, with angular rock fragments to .25 inches.	X					
10		<b>SAND (SW):</b> fine to coarse-grained sand, orange brown, slightly moist, very dense, with angular rock fragments to .5 inches.	X					
		End of boring at 10.5 feet. No groundwater encountered. Boring backfilled with hydrated bentonite. Surface finished to match existing.						



**Converse Consultants**

Project Name  
 DAVID EVANS  
 LA CRESENTA LIBRARY

Project No.  
 04-16-266-02

Drawing No.  
 GP19

# Log of Boring No. GP20

Dates Drilled: 2/7/2005      Logged by: WLR      Checked By: GAL  
 Equipment: GEOPROBE      Driving Weight and Drop: N/A  
 Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	SUMMARY OF SUBSURFACE CONDITIONS This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
			DRIVE	BULK				
	2 INCHES ASPHALT							
5		<b>SAND (SW):</b> fine to medium-grained sand, yellow brown, slightly moist, dense, with rock fragments to 1 inch.	X					
		<b>SAND (SP):</b> fine-grained sand, tan, slightly moist, dense.	X					
10		<b>SAND (SW):</b> fine to coarse-grained sand, dark yellow brown, slightly moist, very dense, with rock fragments.	X					
		End of boring at 10.5 feet. No groundwater encountered. Boring backfilled with hydrated bentonite. Surface finished to match existing.						



**Converse Consultants**

Project Name  
 DAVID EVANS  
 LA CRESENTA LIBRARY

Project No.  
 04-16-266-02

Drawing No.  
 GP20

# Log of Boring No. GP21

Dates Drilled: 2/7/2005      Logged by: WLR      Checked By: GAL  
 Equipment: GEOPROBE (TRACK)      Driving Weight and Drop: N/A  
 Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	<b>SUMMARY OF SUBSURFACE CONDITIONS</b> This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
			DRIVE	BULK				
		2 INCHES ASPHALT						
5		<b>SAND (SW):</b> fine to medium-grained sand, light yellow brown, slightly moist, dense with angular rock fragments to .5 inches.  <b>SAND (SW):</b> fine to coarse-grained sand, brown, slightly moist, dense, with angular rock fragments to .5 inches.	X					
10		<b>SAND (SW):</b> fine to coarse-grained sand, light brown, slightly moist, dense, with angular rock fragments to 1 inch, drilling through weathered rock.	X					
15		<b>SAND (SW):</b> fine to coarse-grained sand, yellow brown, slightly moist, very dense, with angular rock fragments to .25 inches, drilling through weathered rock.	X					
20		<b>SAND (SP):</b> very fine to fine grained sand, with rock flour, gray white, slightly moist, very dense, drilling through weathered rock.  Refusal at 20.5 feet. End of boring at 20.5 feet. No groundwater encountered. Boring backfilled with hydrated bentonite. Surface finished to match existing.	X					



**Converse Consultants**

Project Name  
 DAVID EVANS  
 LA CRESENTA LIBRARY

Project No.  
 04-16-266-02

Drawing No.  
 GP21

# Log of Boring No. GP22

Dates Drilled: 2/6/2005      Logged by: CCW      Checked By: GAL  
 Equipment: GEOPROBE (TRACK)      Driving Weight and Drop: N/A  
 Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	SUMMARY OF SUBSURFACE CONDITIONS <small>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</small>	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
			DRIVE	BULK				
	2 INCHES ASPHALT							
5	SAND (SW): fine to coarse-grained sand, refusal at 3 feet, dark gray brown, slightly moist, very dense, moved 1 ft to east with angular rock fragments to .25 inches. -refusal at 3 ft moved 2 ft to north	SAND (SP): fine-grained sand, yellow brown, slightly moist, very dense, with angular rock fragments to .25 inches.	X	X				
10	SAND (SW): fine to coarse-grained sand, gray, slightly moist, very dense, angular rock fragments to 1 inch, drilling through weathered rock.		X					
15	SAND (SP): fine-grained sand, with rock flour, tan slightly moist, very dense, angular rock fragments to 1 inch, drilling through weathered rock.		X					
20	SAND (SW): fine to coarse-grained sand, light brown, slightly moist, very dense, with angular rock fragments to .25 inches drilling through weathered rock.		X					
25	SAND (SP): fine-grained sand, with rock flour, tan, slightly moist, very dense, with angular rock fragments to .25 inches, drilling through weathered rock.		X					
30	SAND (SP): very fine-grained sand, with rock flour, gray white, slightly moist, very dense, angular rock fragments to .25 inches, drilling through weathered rock.		X					



**Converse Consultants**

Project Name  
 DAVID EVANS  
 LA CRESENTA LIBRARY

Project No.  
 04-16-266-02

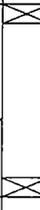
Drawing No.  
 GP22a

# Log of Boring No. GP22

Dates Drilled: 2/6/2005      Logged by: CCW      Checked By: GAL

Equipment: GEOPROBE (TRACK)      Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	SUMMARY OF SUBSURFACE CONDITIONS <small>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</small>	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)	
			DRIVE	BULK					
40		<p><b>SAND (SW):</b> very fine to medium-grained sand, light brown, slightly moist,, very dense, with angular rock fragments to .25 inches, drilling through weathered rock.</p> <p><b>SAND (SP):</b> very fine to fine-grained sand, with flour, gray, slightly moist, very dense, angular rock fragments to .25 inches, drilling through weathered rock.</p> <p>End of boring at 40 feet. No groundwater encountered. Boring backfilled with hydrated bentonite. Surface finished to match existing.</p>							



**Converse Consultants**

Project Name  
DAVID EVANS  
LA CRESENTA LIBRARY

Project No.  
04-16-266-02

Drawing No.  
GP22b

# Log of Boring No. GP23

Dates Drilled: 2/7/2005      Logged by: WLR      Checked By: GAL  
 Equipment: GEOPROBE (TRACK)      Driving Weight and Drop: N/A  
 Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	SUMMARY OF SUBSURFACE CONDITIONS <small>This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</small>	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
			DRIVE	BULK				
	2 INCHES ASPHALT							
5	SAND (SW): fine to coarse-grained sand, dark brown, slightly moist, dense.	SAND (SP): fine-grained sand, dark yellow brown, slightly moist, dense.	X	X				
10	SAND (SW): fine to coarse-grained sand, dark brown, slightly moist, dense with angular rock fragments to .5 inches.	End of boring at 10.5 feet. No groundwater encountered. Boring backfilled with hydrated bentonite. Surface finished to match existing.	X					



**Converse Consultants**

Project Name  
 DAVID EVANS  
 LA CRESENTA LIBRARY

Project No.  
 04-16-266-02

Drawing No.  
 GP23

# Log of Boring No. GP24

Dates Drilled: 2/7/2005      Logged by: WLR      Checked By: GAL  
 Equipment: GEOPROBE (TRACK)      Driving Weight and Drop: N/A  
 Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	SUMMARY OF SUBSURFACE CONDITIONS		SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
		This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.		DRIVE	BULK				
		<p style="text-align: center;"><b>10 INCHES ASPHALT</b>                      -rock debris, void space about 4 feet deep, rocks on bottom of void, dry</p>							
		<p>No samples collected.                      End of boring at 10 inches.                      No groundwater encountered.                      Boring backfilled with concrete and hydrated bentonite.                      Surface finished to match existing.</p>							



**Converse Consultants**

Project Name  
 DAVID EVANS  
 LA CRESENTA LIBRARY

Project No.  
 04-16-266-02

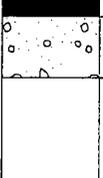
Drawing No.  
 GP24

# Log of Boring No. GP25

Dates Drilled: 2/7/2005      Logged by: WLR      Checked By: GAL

Equipment: GEOPROBE (TRACK)      Driving Weight and Drop: N/A

Ground Surface Elevation (ft): N/A      Depth to Water (ft): NOT ENCOUNTERED

Depth (ft)	Graphic Log	<p style="text-align: center;"><b>SUMMARY OF SUBSURFACE CONDITIONS</b></p> <p style="font-size: small;">This log is part of the report prepared by Converse for this project and should be read together with the report. This summary applies only at the location of the boring and at the time of drilling. Subsurface conditions may differ at other locations and may change at this location with the passage of time. The data presented is a simplification of actual conditions encountered.</p>	SAMPLES		BLOWS	MOISTURE (%)	DRY UNIT WT. (pcf)	PID (ppm)
			DRIVE	BULK				
		<p><b>6 INCHES ASPHALT</b>  <b>30 inches sand and rock debris</b>                      -1 inch concrete, void spae at 37 inches. Depth of void about 8 feet 9 inches,, -1 inch concrete, void spae at 37 inches. Depth of void about 8 feet 9 inches, about 10 inches of water in bottom. Appears to be a vault</p> <p>No samples collected.                      End of boring at 37 inches.                      No groundwater encountered.                      Boring backfilled with concrete and hydrated bentonite.                      Surface finished to match existing.</p>						



**Converse Consultants**

Project Name  
 DAVID EVANS  
 LA CRESENTA LIBRARY

Project No.  
 04-16-266-02

Drawing No.  
 GP25

**APPENDIX C**

**APPENDIX C**

**LABORATORY ANALYTICAL REPORT**

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

\*\*\*\*\* INVOICE \*\*\*\*\*

ENVIRO-CHEM, INC.  
FEDERAL TAX ID:  
95-4258508

INVOICE NUMBER: 0502237-IN

INVOICE DATE: 02/15/05

SALESPERSON: DESI

CONVERSE CONSULTANTS  
10391 CORPORATE DRIVE  
REDLANDS CA 92734

CUSTOMER NO: CON0544  
CUSTOMER P.O.:

REPORT TO: MR. SCOTT NUNES

PROJECT: PROJECT No.: 04-16-266-02

TERMS: NET 30 DAYS

SALES CD	DESCRIPTION	QUANTITY	PRICE	AMOUNT
	PROJECT NAME: LA CRESCENTA			
8270C	SEMI-VOLATILE ORGANICS	7	\$145.00	\$1,015.00
8015MC	TPH-CCID (EXTRACTABLE)	34	\$38.00	\$1,292.00
8015MG	TPH-GASOLINE (PURGEABLE)	20	\$30.00	\$600.00
8082	PCBs	15	\$55.00	\$825.00
8260B	VOLATILE ORGANICS	35	\$65.00	\$2,275.00
CCRM	CCR TITLE 22 METALS	10	\$105.00	\$1,050.00
6010B	TOTAL LEAD	14	\$18.00	\$252.00
SM9221	E. COLI	2	\$25.00	\$50.00
5035S	5035 SAMPLING KITS	35	\$10.00	\$350.00

LAB I.D.#050207-15 TO -75

TERMS: NET 30 DAYS. PAST DUE INVOICES ARE SUBJECT TO A 18% PER YEAR OR 1.5% PER MONTH INTEREST RATE

INVOICE TOTAL: \$7,709.00

**Enviro - Chem, Inc.**

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: February 14, 2005

Mr. Scott Nunes  
Converse Consultants  
10391 Corporate Drive  
Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

Project: **La Crescenta**  
Project No.: **04-16-266-02**  
Enviro-Chem Lab ID: 050207-15 through -75

Dear Mr. Nunes:

The analytical results for the soil samples, received by our laboratory on February 7, 2005, are attached. All samples were received chilled, intact and accompanying chain of custody.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,



Curtis Desilets  
Vice President/Program Manager



Jesse Tu, Ph.D.  
Laboratory Manager



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta
PROJECT NO.: 04-16-266-02 DATE RECEIVED: 02/07/05
MATRIX: SOIL DATE EXTRACTED: 02/09/05
DATE SAMPLED: 02/06/05 DATE ANALYZED: 02/10/05
REPORT TO: Mr. SCOTT NUNES DATE REPORTED: 02/14/05

TOTAL PETROLEUM HYDROCARBONS (TPH) - CARBON CHAIN ANALYSIS

METHOD: LUFT/EPA 8015M

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: SAMPLE I.D., LAB I.D., GASOLINE (C4-C10), KEROSENE (C8-C16), DIESEL (C10-C22), OIL (C22-C35), and DF. Rows include samples GP14@5 through GP9@20 and a METHOD BLANK row, with a PQL row at the bottom.

COMMENTS

DF = DILUTION FACTOR
PQL = PRACTICAL QUANTITATION LIMIT
ACTUAL DETECTION LIMIT = DF X PQL
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08-09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

TOTAL PETROLEUM HYDROCARBONS (TPH) AS GASOLINE ANALYSIS  
(C4-C10 HYDROCARBONS)

METHOD: EPA 5030B/8015M

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	TPH-GASOLINE RESULT	DF
GP11@2	050207-59	ND	1
GP11@10	050207-61	ND	1
Method Blank	---	ND	1
	PQL	0.1	

COMMENTS

PQL = PRACTICAL QUANTITATION LIMIT

DF = DILUTION FACTOR

ACTUAL DETECTION LIMIT = PQL X DF

ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by:   
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

8015M Soil QC

(#)

Date Analyzed: 2/9/2005

Units: mg/Kg (PPM)

Matrix: Solid/Sludge

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 050208-LCS1/2

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
DIESEL	0	2500	2332	93%	2227	89%	5%	75-125	0-20%

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
DIESEL	200	215	108%	75-125

Analyzed and Reviewed By: KL

Final Reviewer: CAI

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905

Fax (909)590-5907

8015M Soil QC

#2

Date Analyzed: 2/10/2005

Units: mg/Kg (PPM)

Matrix: Solid/Sludge

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **050207-66**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
DIESEL	0	2500	2409	96%	2491	100%	3%	75-125	0-20%

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
DIESEL	200	217	109%	75-125

Analyzed and Reviewed By: KL

Final Reviewer: CM

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905

Fax (909)590-5907

**Gas/BTEX QC**

Date Analyzed: 2/7-8/2005

(#1)

Units: mg/Kg (PPM)

Matrix: Soil

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **050207-15**

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %REC	ACP %RPD
Gasoline	0.00	0.500	0.396	79%	0.413	83%	4%	<b>75-125</b>	<b>&lt;20%</b>
Benzene	0.00	0.050	0.042	84%	0.040	80%	5%	<b>75-125</b>	<b>&lt;20%</b>
Toluene	0.00	0.050	0.044	88%	0.041	82%	7%	<b>75-125</b>	<b>&lt;20%</b>
Ethylbenzene	0.00	0.050	0.041	82%	0.038	76%	8%	<b>75-125</b>	<b>&lt;20%</b>

**LCS STD RECOVERY:**

Analyte	spk conc	LCS	% REC	ACP
Gasoline	0.500	0.431	86%	<b>75-125</b>
Benzene	0.050	0.045	90%	<b>75-125</b>
Toluene	0.050	0.046	92%	<b>75-125</b>
Ethylbenzene	0.050	0.044	88%	<b>75-125</b>

Surrogate Recovery	ACP %REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	050207-15	050207-16	050207-17	050207-18	050207-19	050207-20	050207-22
BFB	70-130	77%	82%	82%	87%	84%	82%	83%	83%

Surrogate Recovery	ACP %REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		050207-24	050207-26	050207-28	050207-31	050207-33	050207-35	050207-37	050207-39
BFB	70-130	84%	84%	83%	85%	84%	86%	87%	84%

Surrogate Recovery	ACP %REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		050207-41	050207-43	050207-44	050207-46	050207-48
BFB	70-130	85%	84%	84%	84%	85%

S.R. = Sample Result  
 spk conc = Spike Concentration  
 %REC = Percent Recovery  
 ACP %RPD = Acceptable Percent RPD Range  
 ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: 

Final Reviewer: 

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905

Fax (909)590-5907

# Gas/BTEX QC

Date Analyzed: 2/8-9/2005

#2

Units: mg/Kg (PPM)

Matrix: Soil

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **050207-76**

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %REC	ACP %RPD
Gasoline	0.00	0.500	0.411	82%	0.413	83%	0%	<b>75-125</b>	<b>&lt;20%</b>
Benzene	0.00	0.050	0.041	82%	0.043	86%	5%	<b>75-125</b>	<b>&lt;20%</b>
Toluene	0.00	0.050	0.045	90%	0.046	92%	2%	<b>75-125</b>	<b>&lt;20%</b>
Ethylbenzene	0.00	0.050	0.041	82%	0.043	86%	5%	<b>75-125</b>	<b>&lt;20%</b>

### LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
Gasoline	0.500	0.411	82%	<b>75-125</b>
Benzene	0.050	0.045	90%	<b>75-125</b>
Toluene	0.050	0.046	92%	<b>75-125</b>
Ethylbenzene	0.050	0.044	88%	<b>75-125</b>

Surrogate Recovery	ACP %REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	<b>0207-51</b>	<b>0207-53</b>	<b>0207-59</b>	<b>0207-60</b>	<b>0207-61</b>	<b>0207-71</b>	<b>0207-72</b>
BFB	70-130	79%	86%	85%	80%	85%	86%	86%	87%

Surrogate Recovery	ACP %REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		<b>0207-74</b>	<b>0207-76</b>	<b>0207-78</b>	<b>0207-80</b>	<b>0207-82</b>	<b>0207-83</b>	<b>0207-84</b>	<b>0207-85</b>
BFB	70-130	86%	81%	84%	84%	81%	80%	82%	81%

Surrogate Recovery	ACP %REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		<b>0207-86</b>	<b>0207-88</b>	<b>0207-90</b>	<b>0207-91</b>	<b>0207-92</b>
BFB	70-130	79%	83%	81%	82%	80%

S.R. = Sample Result  
 spk conc = Spike Concentration  
 %REC = Percent Recovery  
 ACP %RPD = Acceptable Percent RPD Range  
 ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: Ed

Final Reviewer: CR



Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905 Fax (909)590-5907

## QA/QC Report

Analysis: EPA 8082 (PCB)

Matrix: Solid/Sludge

Date Analyzed: 2/8-2/9/2005

Unit: mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 050208-LCS 1/2

Analyte	spk conc	MS	%REC	MSD	%REC	%RPD	ACP % RPD	ACP %REC
PCB (1016+1260)	1.000	0.848	85%	0.848	85%	0%	0-20%	70-130

### LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	0.100	0.092	92%	75-125

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: KL

Final Reviewer: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta  
PROJECT NO.: 04-16-266-02

MATRIX: SOIL DATE RECEIVED: 02/07/05  
DATE SAMPLED: 02/06/05 DATE ANALYZED: 02/08/05  
REPORT TO: Mr. SCOTT NUNES DATE REPORTED: 02/14/05

SAMPLE I.D.: GP15@10 LAB I.D.: 050207-51

PARAMETER	UNIT	SAMPLE RESULT	PQL	DF	METHOD
E.Coli	MPN/G	<2	2	1	SM9221E*

COMMENTS

MPN/G = Most Probable Number per Gram  
PQL = Practical Quantitation Limit  
DF = Dilution Factor  
Actual Detection Limit = DF X PQL  
< = Less Than  
\* = Analysis performed by Associated Laboratories, Orange, CA

Data Reviewed and Approved by:   
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP15@20

LAB I.D.: 050207-53

PARAMETER	UNIT	SAMPLE RESULT	PQL	DF	METHOD
E.Coli	MPN/G	<2	2	1	SM9221E*

COMMENTS

MPN/G = Most Probable Number per Gram

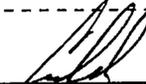
PQL = Practical Quantitation Limit

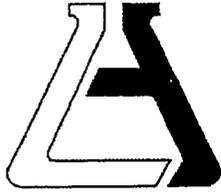
DF = Dilution Factor

Actual Detection Limit = DF X PQL

< = Less Than

\* = Analysis performed by Associated Laboratories, Orange, CA

Data Reviewed and Approved by:   
CAL-DHS ELAP CERTIFICATE No.: 1555

**ASSOCIATED LABORATORIES**

806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT Enviro-Chem Laboratories, Inc. (7420)  
ATTN: Curtis Desilcts  
1214 E. Lexington Avenue  
Pomona, CA 91766

LAB REQUEST 145031

REPORTED 02/11/2005

RECEIVED 02/08/2005

PROJECT 050207-51,53

SUBMITTER Client

## COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.

594845

594846

Client Sample Identification

050207-51

050207-53

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.  
Vice President

*NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.*

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TESTING & CONSULTING  
Chemical  
Microbiological  
Environmental

Order #: 594845

Client Sample ID: 050207-51

Matrix: SOLID

Date Sampled: 02/06/2005

Time Sampled: 08:25

Analyte	Result	DLR	Units	Date/Analyst
<b>9221 E. Coli</b>				
E. Coli	< 2		MPN/g	02/08/05 SM

Order #: 594846

Client Sample ID: 050207-53

Matrix: SOLID

Date Sampled: 02/06/2005

Time Sampled: 08:41

Analyte	Result	DLR	Units	Date/Analyst
<b>9221 E. Coli</b>				
E. Coli	< 2		MPN/g	02/08/05 SM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GS22@5

LAB I.D.: 050207-24

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: ELEMENT ANALYZED, SAMPLE RESULT, PQL, DF, TTLC LIMIT, STLC LIMIT, EPA METHOD. Row 1: Lead(Pb), 2.17, 0.5, 1, 1,000, 5.0, 6010B

COMMENTS

DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
\* = STLC analysis for the metal is recommended (if marked)
\*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GS22@15

LAB I.D.: 050207-26

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Lead (Pb)	1.38	0.5	1	1,000	5.0	6010B

COMMENTS

DF = Dilution Factor

PQL = Practical Quantitation Limit

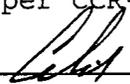
Actual Detection Limit = PQL X DF

TTLC = Total Threshold Limit Concentration

STLC = Soluble Threshold Limit Concentration

\* = STLC analysis for the metal is recommended (if marked)

\*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: 

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

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LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GS22@25

LAB I.D.: 050207-28

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: ELEMENT ANALYZED, SAMPLE RESULT, PQL, DF, TTLC LIMIT, STLC LIMIT, EPA METHOD. Row 1: Lead (Pb), 2.79, 0.5, 1, 1,000, 5.0, 6010B

COMMENTS

DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
\* = STLC analysis for the metal is recommended (if marked)
\*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

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LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP3@10

LAB I.D.: 050207-31

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Lead (Pb)	11.7	0.5	1	1,000	5.0	6010B

COMMENTS

DF = Dilution Factor

PQL = Practical Quantitation Limit

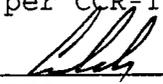
Actual Detection Limit = PQL X DF

TTLC = Total Threshold Limit Concentration

STLC = Soluble Threshold Limit Concentration

\* = STLC analysis for the metal is recommended (if marked)

\*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: 

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.  
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

### LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP3@20

LAB I.D.: 050207-33

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Lead(Pb)	3.03	0.5	1	1,000	5.0	6010B

#### COMMENTS

DF = Dilution Factor

PQL = Practical Quantitation Limit

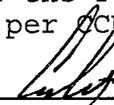
Actual Detection Limit = PQL X DF

TTLC = Total Threshold Limit Concentration

STLC = Soluble Threshold Limit Concentration

\* = STLC analysis for the metal is recommended (if marked)

\*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per ~~CC~~-TITLE 22 (if marked)

Data Reviewed and Approved by:   
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP3@30

LAB I.D.: 050207-35

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLC LIMIT	STLC LIMIT	EPA METHOD
Lead (Pb)	3.02	0.5	1	1,000	5.0	6010B

COMMENTS

DF = Dilution Factor

PQL = Practical Quantitation Limit

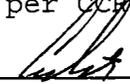
Actual Detection Limit = PQL X DF

TTLC = Total Threshold Limit Concentration

STLC = Soluble Threshold Limit Concentration

\* = STLC analysis for the metal is recommended (if marked)

\*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per ~~CCP~~-TITLE 22 (if marked)

Data Reviewed and Approved by:   
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP3@40

LAB I.D.: 050207-37

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: ELEMENT ANALYZED, SAMPLE RESULT, PQL, DF, TTLC LIMIT, STLC LIMIT, EPA METHOD. Row 1: Lead(Pb), 3.09, 0.5, 1, 1,000, 5.0, 6010B

COMMENTS

DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
\* = STLC analysis for the metal is recommended (if marked)
\*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP4@10

LAB I.D.: 050207-39

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: ELEMENT ANALYZED, SAMPLE RESULT, PQL, DF, TTLC LIMIT, STLC LIMIT, EPA METHOD. Row 1: Lead(Pb), 19.6, 0.5, 1, 1,000, 5.0, 6010B

COMMENTS

DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
\* = STLC analysis for the metal is recommended (if marked)
\*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CAL TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP4@20

LAB I.D.: 050207-41

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: ELEMENT ANALYZED, SAMPLE RESULT, PQL, DF, TTLC LIMIT, STLC LIMIT, EPA METHOD. Row 1: Lead(Pb), 4.32, 0.5, 1, 1,000, 5.0, 6010B

COMMENTS

DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
\* = STLC analysis for the metal is recommended (if marked)
\*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GB22@35

LAB I.D.: 050207-43

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLIC LIMIT	STLC LIMIT	EPA METHOD
Lead (Pb)	2.02	0.5	1	1,000	5.0	6010B

COMMENTS

DF = Dilution Factor

PQL = Practical Quantitation Limit

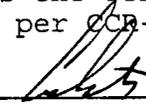
Actual Detection Limit = PQL X DF

TTLIC = Total Threshold Limit Concentration

STLC = Soluble Threshold Limit Concentration

\* = STLC analysis for the metal is recommended (if marked)

\*\*\* = The concentration exceeds the TTLIC Limit, and the sample is defined as hazardous waste as per CCP-TITLE 22 (if marked)

Data Reviewed and Approved by:   
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GB22@40

LAB I.D.: 050207-44

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: ELEMENT ANALYZED, SAMPLE RESULT, PQL, DF, TTLC LIMIT, STLC LIMIT, EPA METHOD. Row 1: Lead (Pb), ND, 0.5, 1, 1,000, 5.0, 6010B

COMMENTS

DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
\* = STLC analysis for the metal is recommended (if marked)
\*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GB2@10

LAB I.D.: 050207-46

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLIC LIMIT	STLC LIMIT	EPA METHOD
Lead (Pb)	9.66	0.5	1	1,000	5.0	6010B

COMMENTS

DF = Dilution Factor

PQL = Practical Quantitation Limit

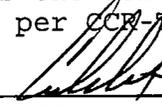
Actual Detection Limit = PQL X DF

TTLIC = Total Threshold Limit Concentration

STLC = Soluble Threshold Limit Concentration

\* = STLC analysis for the metal is recommended (if marked)

\*\*\* = The concentration exceeds the TTLIC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: 

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

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LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GB2@20

LAB I.D.: 050207-48

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: ELEMENT ANALYZED, SAMPLE RESULT, PQL, DF, TTLC LIMIT, STLC LIMIT, EPA METHOD. Row 1: Lead (Pb), ND, 0.5, 1, 1,000, 5.0, 6010B

COMMENTS

DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
\* = STLC analysis for the metal is recommended (if marked)
\*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR/TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

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LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08-09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP15@10

LAB I.D.: 050207-51

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: ELEMENT ANALYZED, SAMPLE RESULT, PQL, DF, TTLC LIMIT, STLC LIMIT, EPA METHOD. Lists various elements like Antimony, Arsenic, Barium, etc., with their respective values and limits.

COMMENTS

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PQL = Practical Quantitation Limit
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\*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

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LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08-09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP15@20

LAB I.D.: 050207-53

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: ELEMENT ANALYZED, SAMPLE RESULT, PQL, DF, TTLC LIMIT, STLC LIMIT, EPA METHOD. Lists various elements like Antimony, Arsenic, Barium, etc., with their respective values and limits.

COMMENTS

DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
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\* = STLC analysis for the metal is recommended (if marked)
\*\* = Additional Analysis required, please call to discuss (if marked)
\*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08-09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP14@5

LAB I.D.: 050207-56

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: ELEMENT ANALYZED, SAMPLE RESULT, PQL, DF, TTLC LIMIT, STLC LIMIT, EPA METHOD. Lists various elements like Antimony, Arsenic, Barium, etc., with their respective values and limits.

COMMENTS

DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
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\*\* = Additional Analysis required, please call to discuss (if marked)
\*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08-09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP14@10

LAB I.D.: 050207-57

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: ELEMENT ANALYZED, SAMPLE RESULT, PQL, DF, TTLC LIMIT, STLC LIMIT, EPA METHOD. Lists various elements like Antimony, Arsenic, Barium, etc., with their respective values and limits.

COMMENTS

- DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
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\*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

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LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta
PROJECT NO.: 04-16-266-02

MATRIX: SOIL DATE RECEIVED: 02/07/05
DATE SAMPLED: 02/06/05 DATE ANALYZED: 02/08-09/05
REPORT TO: Mr. SCOTT NUNES DATE REPORTED: 02/14/05

SAMPLE I.D.: GP14@15 LAB I.D.: 050207-58

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: ELEMENT ANALYZED, SAMPLE RESULT, PQL, DF, TTLC LIMIT, STLC LIMIT, EPA METHOD. Lists various elements like Antimony, Arsenic, Barium, etc., with their respective values and limits.

COMMENTS

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PQL = Practical Quantitation Limit
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\*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

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LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08-09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP11@2

LAB I.D.: 050207-59

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: ELEMENT ANALYZED, SAMPLE RESULT, PQL, DF, TTLC LIMIT, STLC LIMIT, EPA METHOD. Lists various elements like Antimony, Arsenic, Barium, etc., with their respective values and limits.

COMMENTS

DF = Dilution Factor
PQL = Practical Quantitation Limit
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\*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta
PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08-09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP11@5

LAB I.D.: 050207-60

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: ELEMENT ANALYZED, SAMPLE RESULT, PQL, DF, TTLC LIMIT, STLC LIMIT, EPA METHOD. Lists various elements like Antimony, Arsenic, Barium, etc., with their respective values and limits.

COMMENTS

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PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
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\*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08-09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP11@10

LAB I.D.: 050207-61

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: ELEMENT ANALYZED, SAMPLE RESULT, PQL, DF, TTLC LIMIT, STLC LIMIT, EPA METHOD. Lists various elements like Antimony, Arsenic, Barium, etc., with their respective values and limits.

COMMENTS

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PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
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\*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: [Signature]

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta
PROJECT NO.: 04-16-266-02
MATRIX: SOIL
DATE SAMPLED: 02/06/05
REPORT TO: Mr. SCOTT NUNES

DATE RECEIVED: 02/07/05
DATE ANALYZED: 02/08-09/05
DATE REPORTED: 02/14/05

SAMPLE I.D.: GP8@2

LAB I.D.: 050207-71

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: ELEMENT ANALYZED, SAMPLE RESULT, PQL, DF, TTLC LIMIT, STLC LIMIT, EPA METHOD. Lists various elements like Antimony, Arsenic, Barium, etc., with their respective values and limits.

COMMENTS

DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
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\*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08-09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP8@5

LAB I.D.: 050207-72

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: ELEMENT ANALYZED, SAMPLE RESULT, PQL, DF, TTLC LIMIT, STLC LIMIT, EPA METHOD. Lists various elements like Antimony, Arsenic, Barium, etc., with their respective values and limits.

COMMENTS

DF = Dilution Factor
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Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

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LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08-09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP1@5

LAB I.D.: 050207-74

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: ELEMENT ANALYZED, SAMPLE RESULT, PQL, DF, TTLC LIMIT, STLC LIMIT, EPA METHOD. Row 1: Lead (Pb), 1.98, 0.5, 1, 1,000, 5.0, 6010B

COMMENTS

DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
\* = STLC analysis for the metal is recommended (if marked)
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Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta
PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08-09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

METHOD BLANK FOR LAB I.D.:

050207-24, -26, -28, -31, -33, -35, -37, -39, -41, -43, -44, -46, -48,
-51, -53, -56, -57, -58, -59, -60, -61, -71, -72, -74

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: ELEMENT ANALYZED, SAMPLE RESULT, PQL, DF, TTLC LIMIT, STLC LIMIT, EPA METHOD. Lists various elements like Antimony, Arsenic, Barium, etc., with their respective limits and methods.

COMMENTS

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ND = Below the Actual Detection Limit or non-detected
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-- = Not analyzed/not requested

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

# QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Lab I.D.: 050207-15~75(24) #1

## Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE. : 02/09/2005

Unit: Mg/Kg (ppm)

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Copper (Cu)	050207-60	1.00	99	PASS	6.100	50.00	44.60	77%	45.70	79%	3%
Zinc (Zn)	050207-60	1.00	109	PASS	61.3	50.00	102.00	81%	103.00	83%	2%
LEAD (Pb)	050207-60	1.00	107	PASS	13.500	50.00	52.30	78%	52.20	77%	0%

ANALYSIS DATE. : 02/08/2005

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	050207-96	0.500	101	PASS	0	0.300	0.296	99%	0.300	100%	1%

## MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Copper (Cu)	PASS	PASS	PASS	PASS
LEAD (Pb)	PASS	PASS	PASS	PASS
Zinc (Zn)	PASS	PASS	PASS	PASS
MERCURY (Hg)	PASS	PASS	PASS	PASS
<b>Accepted Range%</b>	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: JOE SU

FINAL REVIEWER: \_\_\_\_\_

CS

# QA/QC for Metals Analysis --TTL--SOLID/SOIL MATRIX

Lab I.D.: 050207-15~75(24) #2

## Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE. : 02/09/2005

Unit: Mg/Kg (ppm)

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Copper (Cu)	050208-47	1.00	99	PASS	6.780	50.00	48.20	83%	46.60	80%	4%
Zinc (Zn)	050208-47	1.00	109	PASS	25.8	50.00	67.40	83%	66.00	80%	3%
LEAD (Pb)	050208-47	1.00	107	PASS	1.510	50.00	44.20	85%	41.80	81%	6%

ANALYSIS DATE. : 02/08/2005

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	050207-96	0.500	101	PASS	0	0.300	0.296	99%	0.300	100%	1%

## MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Copper (Cu)	PASS	PASS	PASS	PASS
LEAD (Pb)	PASS	PASS	PASS	PASS
Zinc (Zn)	PASS	PASS	PASS	PASS
MERCURY (Hg)	PASS	PASS	PASS	PASS
<b>Accepted Range%</b>	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: JOE SU

FINAL REVIEWER: \_\_\_\_\_

CS



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1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta
PROJECT NO.: 04-16-266-02
MATRIX: SOIL
DATE SAMPLED: 02/06/05
REPORT TO: Mr. SCOTT NUNES
SAMPLE I.D.: GP5@5

DATE RECEIVED: 02/07/05
DATE ANALYZED: 02/08/05
DATE REPORTED: 02/14/05
LAB I.D.: 050207-15

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 3 columns: PARAMETER, SAMPLE RESULT, PQL X1. Lists various chemical compounds and their results (mostly ND) and PQL values (0.005, 0.020, 0.010).

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555

Handwritten signature and line.

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LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

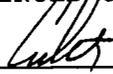
PROJECT NAME: La Crescenta  
PROJECT NO.: 04-16-266-02  
MATRIX: SOIL  
DATE SAMPLED: 02/06/05  
REPORT TO: Mr. SCOTT NUNES  
SAMPLE I.D.: GP5@10

DATE RECEIVED: 02/07/05  
DATE ANALYZED: 02/08/05  
DATE REPORTED: 02/14/05  
LAB I.D.: 050207-16

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,3-DICHLOROETHANE	ND	0.005
1,4-DICHLOROETHANE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

### LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/06/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GP5@10

DATE RECEIVED: 02/07/05

DATE ANALYZED: 02/08/05

DATE REPORTED: 02/14/05

LAB I.D.: 050207-16

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ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

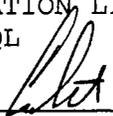
PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555

  
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LABORATORY REPORT

CUSTOMER: Converse Consultants  
 10391 Corporate Drive, Redlands, CA 92734  
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PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP6@5

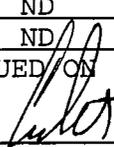
LAB I.D.: 050207-17

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	0.059	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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LABORATORY REPORT

CUSTOMER: Converse Consultants  
 10391 Corporate Drive, Redlands, CA 92734  
 Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP6@5

LAB I.D.: 050207-17

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



### LABORATORY REPORT

CUSTOMER: **Converse Consultants**  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: **La Crescenta**

PROJECT NO.: **04-16-266-02**

MATRIX: **SOIL**

DATE SAMPLED: **02/06/05**

REPORT TO: **Mr. SCOTT NUNES**

SAMPLE I.D.: **GP6@10**

DATE RECEIVED: **02/07/05**

DATE ANALYZED: **02/08/05**

DATE REPORTED: **02/14/05**

LAB I.D.: **050207-18**

-----  
ANALYSIS: **VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2**  
UNIT: **MG/KG = MILLIGRAM PER KILOGRAM = PPM**

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

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### LABORATORY REPORT

CUSTOMER: **Converse Consultants**  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: **La Crescenta**

PROJECT NO.: **04-16-266-02**

MATRIX: **SOIL**

DATE SAMPLED: **02/06/05**

REPORT TO: **Mr. SCOTT NUNES**

SAMPLE I.D.: **GP6@10**

DATE RECEIVED: **02/07/05**

DATE ANALYZED: **02/08/05**

DATE REPORTED: **02/14/05**

LAB I.D.: **050207-18**

ANALYSIS: **VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2**

UNIT: **MG/KG = MILLIGRAM PER KILOGRAM = PPM**

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555





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LABORATORY REPORT

CUSTOMER: Converse Consultants  
 10391 Corporate Drive, Redlands, CA 92734  
 Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP7@5

LAB I.D.: 050207-19

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	0.018	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	0.062	0.010
O-XYLENE	0.018	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

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LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP7@10

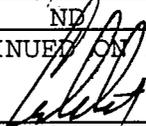
LAB I.D.: 050207-20

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

### LABORATORY REPORT

CUSTOMER: **Converse Consultants**  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: **La Crescenta**

PROJECT NO.: **04-16-266-02**

MATRIX: **SOIL**

DATE RECEIVED: **02/07/05**

DATE SAMPLED: **02/06/05**

DATE ANALYZED: **02/08/05**

REPORT TO: **Mr. SCOTT NUNES**

DATE REPORTED: **02/14/05**

SAMPLE I.D.: **GP7@10**

LAB I.D.: **050207-20**

ANALYSIS: **VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2**

UNIT: **MG/KG = MILLIGRAM PER KILOGRAM = PPM**

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



### LABORATORY REPORT

CUSTOMER: **Converse Consultants**  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: **La Crescenta**

PROJECT NO.: **04-16-266-02**

MATRIX: **SOIL**

DATE SAMPLED: **02/06/05**

REPORT TO: **Mr. SCOTT NUNES**

SAMPLE I.D.: **GP7@20**

DATE RECEIVED: **02/07/05**

DATE ANALYZED: **02/08/05**

DATE REPORTED: **02/14/05**

LAB I.D.: **050207-22**

-----  
ANALYSIS: **VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2**  
UNIT: **MG/KG = MILLIGRAM PER KILOGRAM = PPM**

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: \_\_\_\_\_

### LABORATORY REPORT

CUSTOMER: **Converse Consultants**  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: **La Crescenta**

PROJECT NO.: **04-16-266-02**

MATRIX: **SOIL**

DATE SAMPLED: **02/06/05**

REPORT TO: **Mr. SCOTT NUNES**

SAMPLE I.D.: **GP7@20**

DATE RECEIVED: **02/07/05**

DATE ANALYZED: **02/08/05**

DATE REPORTED: **02/14/05**

LAB I.D.: **050207-22**

-----  
ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

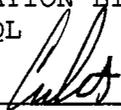
PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555

  
\_\_\_\_\_



Enviro - Chem, Inc.

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LABORATORY REPORT

CUSTOMER: Converse Consultants  
 10391 Corporate Drive, Redlands, CA 92734  
 Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GS22@5

LAB I.D.: 050207-24

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

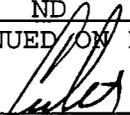
SAMPLE I.D.: GS22@15

LAB I.D.: 050207-26

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBEZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBEZENE	ND	0.005
1,3-DICHLOROBEZENE	ND	0.005
1,4-DICHLOROBEZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
 10391 Corporate Drive, Redlands, CA 92734  
 Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GS22@15

LAB I.D.: 050207-26

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
 UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

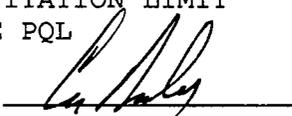
PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
 10391 Corporate Drive, Redlands, CA 92734  
 Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/06/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GS22@25

DATE RECEIVED: 02/07/05

DATE ANALYZED: 02/08/05

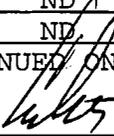
DATE REPORTED: 02/14/05

LAB I.D.: 050207-28

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2  
 UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

**Enviro - Chem, Inc.**

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

**LABORATORY REPORT**

CUSTOMER: **Converse Consultants**  
 10391 Corporate Drive, Redlands, CA 92734  
 Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: **La Crescenta**

PROJECT NO.: **04-16-266-02**

MATRIX: **SOIL**

DATE RECEIVED: **02/07/05**

DATE SAMPLED: **02/06/05**

DATE ANALYZED: **02/08/05**

REPORT TO: **Mr. SCOTT NUNES**

DATE REPORTED: **02/14/05**

SAMPLE I.D.: **GS22@25**

LAB I.D.: **050207-28**

**ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2**

**UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM**

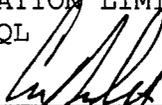
PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

**COMMENTS** PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555

  
\_\_\_\_\_

### METHOD BLANK REPORT

CUSTOMER: **Converse Consultants**  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: **La Crescenta**

PROJECT NO.: **04-16-266-02**

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/07/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

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METHOD BLANK FOR LAB I.D.: 050207-15 THROUGH -20, -22, -24, -26, -28  
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ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/07/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

METHOD BLANK FOR LAB I.D.: 050207-15 THROUGH -20, -22, -24, -26, -28

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



**Enviro-Chem, Inc.**

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905

Fax (909)590-5907

**8260B QA/QC Report**

Date Analyzed: 2/7-8/2005

Matrix: Solid/Sludge

Machine: A

Unit: mg/Kg (PPM)

**Matrix Spike (MS)/Matrix Spike Duplicate (MSD)**

Spiked Sample Lab I.D.: 050207-15

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.054	108%	0.056	112%	4%	75-125	0-20
Chlorobenzene	0	0.050	0.056	112%	0.056	112%	0%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.043	86%	0.043	86%	0%	75-125	0-20
Toluene	0	0.050	0.054	108%	0.056	112%	4%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.049	98%	0.049	98%	0%	75-125	0-20

**Lab Control Spike (LCS):**

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.057	114%	75-125
Chlorobenzene	0.050	0.052	104%	75-125
Chloroform	0.050	0.046	92%	75-125
1,1-Dichloroethene	0.050	0.045	90%	75-125
Ethylbenzene	0.050	0.050	100%	75-125
o-Xylene	0.050	0.052	104%	75-125
m,p-Xylene	0.100	0.102	102%	75-125
Toluene	0.050	0.055	110%	75-125
1,1,1-Trichloroethane	0.050	0.047	94%	75-125
Trichloroethene (TCE)	0.050	0.048	96%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.				050204-79	050204-83	050204-78	050207-82	050207-83	050207-84
Dibromofluoromethane	50.0	70-130	87%	91%	116%	92%	90%	93%	94%
Toluene-d8	50.0	70-130	95%	102%	79%	103%	103%	103%	101%
4-Bromofluorobenzene	50.0	70-130	95%	104%	95%	101%	108%	110%	103%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			050207-90	050207-91	050207-92	050207-93	050207-15	050207-16	050207-17
Dibromofluoromethane	50.0	70-130	92%	90%	90%	86%	102%	93%	106%
Toluene-d8	50.0	70-130	99%	106%	109%	106%	98%	103%	110%
4-Bromofluorobenzene	50.0	70-130	101%	109%	109%	103%	103%	103%	107%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			050207-18	050207-19	050207-20	050207-22	050207-24	050207-26	050207-28
Dibromofluoromethane	50.0	70-130	102%	93%	92%	94%	96%	92%	90%
Toluene-d8	50.0	70-130	112%	105%	105%	105%	106%	107%	104%
4-Bromofluorobenzene	50.0	70-130	117%	103%	106%	107%	110%	104%	103%

\* = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.

S.R. = Sample Results

%RC = Percent Recovery

spk conc = Spike Concentration

ACP %RC = Accepted Percent Recovery

MS = Matrix Spike

MSD = Matrix Spike Duplicate

Analyzed/Reviewed By: 

Final Reviewer: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Converse Consultants**  
 10391 Corporate Drive, Redlands, CA 92734  
 Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: **La Crescenta**

PROJECT NO.: **04-16-266-02**

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

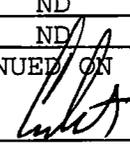
SAMPLE I.D.: GP3@10

LAB I.D.: 050207-31

-----  
 ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2  
 UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

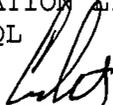
CUSTOMER: Converse Consultants  
 10391 Corporate Drive, Redlands, CA 92734  
 Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta  
 PROJECT NO.: 04-16-266-02  
 MATRIX: SOIL  
 DATE SAMPLED: 02/06/05  
 REPORT TO: Mr. SCOTT NUNES  
 SAMPLE I.D.: GP3@10

DATE RECEIVED: 02/07/05  
 DATE ANALYZED: 02/08/05  
 DATE REPORTED: 02/14/05  
 LAB I.D.: 050207-31

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
 UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT  
 ND = NON-DETECTED OR BELOW THE PQL  
 DATA REVIEWED AND APPROVED BY:   
 CAL-DHS CERTIFICATE # 1555

## LABORATORY REPORT

CUSTOMER: **Converse Consultants**  
 10391 Corporate Drive, Redlands, CA 92734  
 Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: **La Crescenta**  
 PROJECT NO.: **04-16-266-02**

MATRIX: **SOIL**  
 DATE SAMPLED: **02/06/05**  
 REPORT TO: **Mr. SCOTT NUNES**  
 SAMPLE I.D.: **GP3@20**

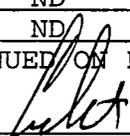
DATE RECEIVED: **02/07/05**  
 DATE ANALYZED: **02/08/05**  
 DATE REPORTED: **02/14/05**  
 LAB I.D.: **050207-33**

ANALYSIS: **VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2**  
 UNIT: **MG/KG = MILLIGRAM PER KILOGRAM = PPM**

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROENZENE	ND	0.005
1,3-DICHLOROENZENE	ND	0.005
1,4-DICHLOROENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: \_\_\_\_\_



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP3@20

LAB I.D.: 050207-33

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
 10391 Corporate Drive, Redlands, CA 92734  
 Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

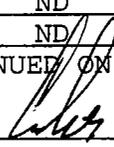
SAMPLE I.D.: GP3@30

LAB I.D.: 050207-35

-----  
 ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2  
 UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP3@30

LAB I.D.: 050207-35

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	0.005	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555





Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
 10391 Corporate Drive, Redlands, CA 92734  
 Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP3@40

LAB I.D.: 050207-37

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

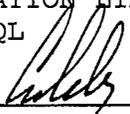
PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	0.006	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	0.010	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta
PROJECT NO.: 04-16-266-02
MATRIX: SOIL
DATE SAMPLED: 02/06/05
REPORT TO: Mr. SCOTT NUNES
SAMPLE I.D.: GP4@10

DATE RECEIVED: 02/07/05
DATE ANALYZED: 02/08/05
DATE REPORTED: 02/14/05
LAB I.D.: 050207-39

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 3 columns: PARAMETER, SAMPLE RESULT, PQL X1. Lists various chemical compounds and their results (mostly ND) and PQL values (0.020, 0.005, 0.010).

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: [Signature]

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP4@10

LAB I.D.: 050207-39

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

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LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP4@20

LAB I.D.: 050207-41

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

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LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/06/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GP4@20

DATE RECEIVED: 02/07/05

DATE ANALYZED: 02/08/05

DATE REPORTED: 02/14/05

LAB I.D.: 050207-41

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

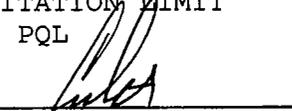
PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta
PROJECT NO.: 04-16-266-02
MATRIX: SOIL
DATE SAMPLED: 02/06/05
REPORT TO: Mr. SCOTT NUNES
SAMPLE I.D.: GB22@35

DATE RECEIVED: 02/07/05
DATE ANALYZED: 02/08/05
DATE REPORTED: 02/14/05
LAB I.D.: 050207-43

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 3 columns: PARAMETER, SAMPLE RESULT, PQL X1. Lists various chemical compounds and their results (mostly ND) and PQL values.

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: [Signature]

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

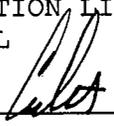
CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta  
PROJECT NO.: 04-16-266-02  
MATRIX: SOIL  
DATE SAMPLED: 02/06/05  
REPORT TO: Mr. SCOTT NUNES  
SAMPLE I.D.: GB22@35

DATE RECEIVED: 02/07/05  
DATE ANALYZED: 02/08/05  
DATE REPORTED: 02/14/05  
LAB I.D.: 050207-43

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT  
ND = NON-DETECTED OR BELOW THE PQL  
DATA REVIEWED AND APPROVED BY:   
CAL-DHS CERTIFICATE # 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

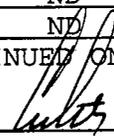
PROJECT NAME: La Crescenta  
PROJECT NO.: 04-16-266-02  
MATRIX: SOIL  
DATE SAMPLED: 02/06/05  
REPORT TO: Mr. SCOTT NUNES  
SAMPLE I.D.: GB22@40

DATE RECEIVED: 02/07/05  
DATE ANALYZED: 02/08/05  
DATE REPORTED: 02/14/05  
LAB I.D.: 050207-44

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROENZENE	ND	0.005
1,3-DICHLOROENZENE	ND	0.005
1,4-DICHLOROENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

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LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/06/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GB22@40

DATE RECEIVED: 02/07/05

DATE ANALYZED: 02/08/05

DATE REPORTED: 02/14/05

LAB I.D.: 050207-44

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	0.006	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	0.011	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/06/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GB2@10

DATE RECEIVED: 02/07/05

DATE ANALYZED: 02/08/05

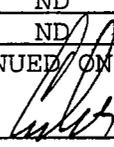
DATE REPORTED: 02/14/05

LAB I.D.: 050207-46

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta
PROJECT NO.: 04-16-266-02
MATRIX: SOIL
DATE SAMPLED: 02/06/05
REPORT TO: Mr. SCOTT NUNES
SAMPLE I.D.: GB2@10

DATE RECEIVED: 02/07/05
DATE ANALYZED: 02/08/05
DATE REPORTED: 02/14/05
LAB I.D.: 050207-46

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 3 columns: PARAMETER, SAMPLE RESULT, PQL X1. Lists various chemical compounds and their results (e.g., 1,3-DICHLOROPROPANE ND, NAPHTHALENE 0.017).

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY: [Signature]
CAL-DHS CERTIFICATE # 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

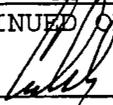
SAMPLE I.D.: GB2@20

LAB I.D.: 050207-48

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta  
PROJECT NO.: 04-16-266-02  
MATRIX: SOIL  
DATE SAMPLED: 02/06/05  
REPORT TO: Mr. SCOTT NUNES  
SAMPLE I.D.: GB2@20

DATE RECEIVED: 02/07/05  
DATE ANALYZED: 02/08/05  
DATE REPORTED: 02/14/05  
LAB I.D.: 050207-48

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

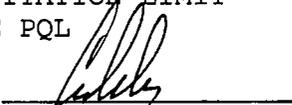
PARAMETER	SAMPLE RESULT	PQL X1
1, 3-DICHLOROPROPANE	ND	0.005
2, 2-DICHLOROPROPANE	ND	0.005
1, 1-DICHLOROPROPENE	ND	0.005
CIS-1, 3-DICHLOROPROPENE	ND	0.005
TRANS-1, 3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1, 1, 1, 2-TETRACHLOROETHANE	ND	0.005
1, 1, 2, 2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1, 2, 3-TRICHLOROBENZENE	ND	0.005
1, 2, 4-TRICHLOROBENZENE	ND	0.005
1, 1, 1-TRICHLOROETHANE	ND	0.005
1, 1, 2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1, 2, 3-TRICHLOROPROPANE	ND	0.005
1, 2, 4-TRIMETHYLBENZENE	ND	0.005
1, 3, 5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/06/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GP15@10

DATE RECEIVED: 02/07/05

DATE ANALYZED: 02/08/05

DATE REPORTED: 02/14/05

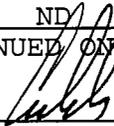
LAB I.D.: 050207-51

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP15@10

LAB I.D.: 050207-51

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta
PROJECT NO.: 04-16-266-02
MATRIX: SOIL
DATE SAMPLED: 02/06/05
REPORT TO: Mr. SCOTT NUNES
SAMPLE I.D.: GP15@20

DATE RECEIVED: 02/07/05
DATE ANALYZED: 02/08/05
DATE REPORTED: 02/14/05
LAB I.D.: 050207-53

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 3 columns: PARAMETER, SAMPLE RESULT, PQL X1. Lists various chemical compounds and their results (mostly ND) and PQL values (0.005, 0.010, 0.020).

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: [Signature]

### LABORATORY REPORT

CUSTOMER: **Converse Consultants**  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: **La Crescenta**

PROJECT NO.: **04-16-266-02**

MATRIX: **SOIL**

DATE SAMPLED: **02/06/05**

REPORT TO: **Mr. SCOTT NUNES**

SAMPLE I.D.: **GP15@20**

DATE RECEIVED: **02/07/05**

DATE ANALYZED: **02/08/05**

DATE REPORTED: **02/14/05**

LAB I.D.: **050207-53**

-----  
ANALYSIS: **VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2**  
UNIT: **MG/KG = MILLIGRAM PER KILOGRAM = PPM**

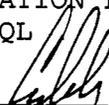
PARAMETER	SAMPLE RESULT	PQL X1
<u>1,3-DICHLOROPROPANE</u>	ND	0.005
<u>2,2-DICHLOROPROPANE</u>	ND	0.005
<u>1,1-DICHLOROPROPENE</u>	ND	0.005
<u>CIS-1,3-DICHLOROPROPENE</u>	ND	0.005
<u>TRANS-1,3-DICHLOROPROPENE</u>	ND	0.005
<u>ETHYLBENZENE</u>	ND	0.005
<u>2-HEXANONE</u>	ND	0.020
<u>HEXACHLOROBUTADIENE</u>	ND	0.005
<u>ISOPROPYLBENZENE</u>	ND	0.005
<u>4-ISOPROPYLTOLUENE</u>	ND	0.005
<u>4-METHYL-2-PENTANONE (MIBK)</u>	ND	0.020
<u>METHYL tert-BUTYL ETHER (MTBE)</u>	ND	0.005
<u>METHYLENE CHLORIDE</u>	ND	0.010
<u>NAPHTHALENE</u>	ND	0.005
<u>N-PROPYLBENZENE</u>	ND	0.005
<u>STYRENE</u>	ND	0.005
<u>1,1,1,2-TETRACHLOROETHANE</u>	ND	0.005
<u>1,1,2,2-TETRACHLOROETHANE</u>	ND	0.005
<u>TETRACHLOROETHENE (PCE)</u>	ND	0.005
<u>TOLUENE</u>	ND	0.005
<u>1,2,3-TRICHLOROBENZENE</u>	ND	0.005
<u>1,2,4-TRICHLOROBENZENE</u>	ND	0.005
<u>1,1,1-TRICHLOROETHANE</u>	ND	0.005
<u>1,1,2-TRICHLOROETHANE</u>	ND	0.005
<u>TRICHLOROETHENE (TCE)</u>	ND	0.005
<u>TRICHLOROFLUOROMETHANE</u>	ND	0.005
<u>1,2,3-TRICHLOROPROPANE</u>	ND	0.005
<u>1,2,4-TRIMETHYLBENZENE</u>	ND	0.005
<u>1,3,5-TRIMETHYLBENZENE</u>	ND	0.005
<u>VINYL CHLORIDE</u>	ND	0.005
<u>M/P-XYLENE</u>	ND	0.010
<u>O-XYLENE</u>	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/06/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GP14@5

DATE RECEIVED: 02/07/05

DATE ANALYZED: 02/08/05

DATE REPORTED: 02/14/05

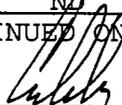
LAB I.D.: 050207-56

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROENZENE	ND	0.005
1,3-DICHLOROENZENE	ND	0.005
1,4-DICHLOROENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

### LABORATORY REPORT

CUSTOMER: **Converse Consultants**  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: **La Crescenta**

PROJECT NO.: **04-16-266-02**

MATRIX: **SOIL**

DATE SAMPLED: **02/06/05**

REPORT TO: **Mr. SCOTT NUNES**

SAMPLE I.D.: **GP14@5**

DATE RECEIVED: **02/07/05**

DATE ANALYZED: **02/08/05**

DATE REPORTED: **02/14/05**

LAB I.D.: **050207-56**

-----  
ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



### LABORATORY REPORT

CUSTOMER: **Converse Consultants**  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: **La Crescenta**

PROJECT NO.: **04-16-266-02**

MATRIX: **SOIL**

DATE SAMPLED: **02/06/05**

REPORT TO: **Mr. SCOTT NUNES**

SAMPLE I.D.: **GP14@10**

DATE RECEIVED: **02/07/05**

DATE ANALYZED: **02/08/05**

DATE REPORTED: **02/14/05**

LAB I.D.: **050207-57**

-----  
**ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2**

**UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM**

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROENZENE	ND	0.005
1,3-DICHLOROENZENE	ND	0.005
1,4-DICHLOROENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: \_\_\_\_\_

### LABORATORY REPORT

CUSTOMER: **Converse Consultants**  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: **La Crescenta**

PROJECT NO.: **04-16-266-02**

MATRIX: SOIL

DATE SAMPLED: 02/06/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: **GP14@10**

DATE RECEIVED: 02/07/05

DATE ANALYZED: 02/08/05

DATE REPORTED: 02/14/05

LAB I.D.: 050207-57

-----  
ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

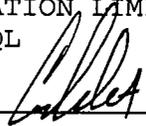
PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555

  
\_\_\_\_\_

### LABORATORY REPORT

CUSTOMER: **Converse Consultants**  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: **La Crescenta**

PROJECT NO.: **04-16-266-02**

MATRIX: SOIL

DATE SAMPLED: 02/06/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: **GP14@15**

DATE RECEIVED: 02/07/05

DATE ANALYZED: 02/08/05

DATE REPORTED: 02/14/05

LAB I.D.: 050207-58

-----  
ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROENZENE	ND	0.005
1,3-DICHLOROENZENE	ND	0.005
1,4-DICHLOROENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: \_\_\_\_\_

Enviro - Chem, Inc.  
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

## LABORATORY REPORT

CUSTOMER: **Converse Consultants**  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: **La Crescenta**

PROJECT NO.: **04-16-266-02**

MATRIX: **SOIL**

DATE SAMPLED: **02/06/05**

REPORT TO: **Mr. SCOTT NUNES**

SAMPLE I.D.: **GP14@15**

DATE RECEIVED: **02/07/05**

DATE ANALYZED: **02/08/05**

DATE REPORTED: **02/14/05**

LAB I.D.: **050207-58**

-----  
ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
<u>1,3-DICHLOROPROPANE</u>	ND	0.005
<u>2,2-DICHLOROPROPANE</u>	ND	0.005
<u>1,1-DICHLOROPROPENE</u>	ND	0.005
<u>CIS-1,3-DICHLOROPROPENE</u>	ND	0.005
<u>TRANS-1,3-DICHLOROPROPENE</u>	ND	0.005
<u>ETHYLBENZENE</u>	ND	0.005
<u>2-HEXANONE</u>	ND	0.020
<u>HEXACHLOROBUTADIENE</u>	ND	0.005
<u>ISOPROPYLBENZENE</u>	ND	0.005
<u>4-ISOPROPYLTOLUENE</u>	ND	0.005
<u>4-METHYL-2-PENTANONE (MIBK)</u>	ND	0.020
<u>METHYL tert-BUTYL ETHER (MTBE)</u>	ND	0.005
<u>METHYLENE CHLORIDE</u>	ND	0.010
<u>NAPHTHALENE</u>	ND	0.005
<u>N-PROPYLBENZENE</u>	ND	0.005
<u>STYRENE</u>	ND	0.005
<u>1,1,1,2-TETRACHLOROETHANE</u>	ND	0.005
<u>1,1,2,2-TETRACHLOROETHANE</u>	ND	0.005
<u>TETRACHLOROETHENE (PCE)</u>	ND	0.005
<u>TOLUENE</u>	ND	0.005
<u>1,2,3-TRICHLOROBENZENE</u>	ND	0.005
<u>1,2,4-TRICHLOROBENZENE</u>	ND	0.005
<u>1,1,1-TRICHLOROETHANE</u>	ND	0.005
<u>1,1,2-TRICHLOROETHANE</u>	ND	0.005
<u>TRICHLOROETHENE (TCE)</u>	ND	0.005
<u>TRICHLOROFLUOROMETHANE</u>	ND	0.005
<u>1,2,3-TRICHLOROPROPANE</u>	ND	0.005
<u>1,2,4-TRIMETHYLBENZENE</u>	ND	0.005
<u>1,3,5-TRIMETHYLBENZENE</u>	ND	0.005
<u>VINYL CHLORIDE</u>	ND	0.005
<u>M/P-XYLENE</u>	ND	0.010
<u>O-XYLENE</u>	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



### LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta  
PROJECT NO.: 04-16-266-02

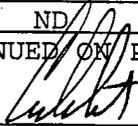
MATRIX: SOIL  
DATE SAMPLED: 02/06/05  
REPORT TO: Mr. SCOTT NUNES  
SAMPLE I.D.: GP11@5

DATE RECEIVED: 02/07/05  
DATE ANALYZED: 02/08/05  
DATE REPORTED: 02/14/05  
LAB I.D.: 050207-60

-----  
ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
 10391 Corporate Drive, Redlands, CA 92734  
 Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP11@5

LAB I.D.: 050207-60

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP11@10

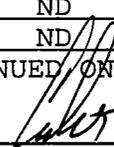
LAB I.D.: 050207-61

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROENZENE	ND	0.005
1,3-DICHLOROENZENE	ND	0.005
1,4-DICHLOROENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

### LABORATORY REPORT

CUSTOMER: **Converse Consultants**  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: **La Crescenta**

PROJECT NO.: **04-16-266-02**

MATRIX: **SOIL**

DATE RECEIVED: **02/07/05**

DATE SAMPLED: **02/06/05**

DATE ANALYZED: **02/08/05**

REPORT TO: **Mr. SCOTT NUNES**

DATE REPORTED: **02/14/05**

SAMPLE I.D.: **GP11@10**

LAB I.D.: **050207-61**

-----  
ANALYSIS: **VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2**

UNIT: **MG/KG = MILLIGRAM PER KILOGRAM = PPM**

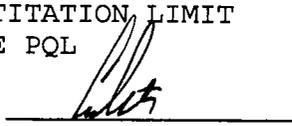
PARAMETER	SAMPLE RESULT	PQL X1
<u>1,3-DICHLOROPROPANE</u>	ND	0.005
<u>2,2-DICHLOROPROPANE</u>	ND	0.005
<u>1,1-DICHLOROPROPENE</u>	ND	0.005
<u>CIS-1,3-DICHLOROPROPENE</u>	ND	0.005
<u>TRANS-1,3-DICHLOROPROPENE</u>	ND	0.005
<u>ETHYLBENZENE</u>	ND	0.005
<u>2-HEXANONE</u>	ND	0.020
<u>HEXACHLOROBUTADIENE</u>	ND	0.005
<u>ISOPROPYLBENZENE</u>	ND	0.005
<u>4-ISOPROPYLTOLUENE</u>	ND	0.005
<u>4-METHYL-2-PENTANONE (MIBK)</u>	ND	0.020
<u>METHYL tert-BUTYL ETHER (MTBE)</u>	ND	0.005
<u>METHYLENE CHLORIDE</u>	ND	0.010
<u>NAPHTHALENE</u>	ND	0.005
<u>N-PROPYLBENZENE</u>	ND	0.005
<u>STYRENE</u>	ND	0.005
<u>1,1,1,2-TETRACHLOROETHANE</u>	ND	0.005
<u>1,1,2,2-TETRACHLOROETHANE</u>	ND	0.005
<u>TETRACHLOROETHENE (PCE)</u>	ND	0.005
<u>TOLUENE</u>	ND	0.005
<u>1,2,3-TRICHLOROBENZENE</u>	ND	0.005
<u>1,2,4-TRICHLOROBENZENE</u>	ND	0.005
<u>1,1,1-TRICHLOROETHANE</u>	ND	0.005
<u>1,1,2-TRICHLOROETHANE</u>	ND	0.005
<u>TRICHLOROETHENE (TCE)</u>	ND	0.005
<u>TRICHLOROFLUOROMETHANE</u>	ND	0.005
<u>1,2,3-TRICHLOROPROPANE</u>	ND	0.005
<u>1,2,4-TRIMETHYLBENZENE</u>	ND	0.005
<u>1,3,5-TRIMETHYLBENZENE</u>	ND	0.005
<u>VINYL CHLORIDE</u>	ND	0.005
<u>M/P-XYLENE</u>	ND	0.010
<u>O-XYLENE</u>	ND	0.005

COMMENTS **PQL = PRACTICAL QUANTITATION LIMIT**

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555





Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP10@2

LAB I.D.: 050207-63

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

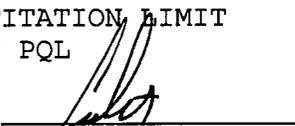
PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta  
PROJECT NO.: 04-16-266-02  
MATRIX: SOIL  
DATE SAMPLED: 02/06/05  
REPORT TO: Mr. SCOTT NUNES  
SAMPLE I.D.: GP10@10

DATE RECEIVED: 02/07/05  
DATE ANALYZED: 02/08/05  
DATE REPORTED: 02/14/05  
LAB I.D.: 050207-65

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROENZENE	ND	0.005
1,3-DICHLOROENZENE	ND	0.005
1,4-DICHLOROENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
 10391 Corporate Drive, Redlands, CA 92734  
 Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP10@10

LAB I.D.: 050207-65

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

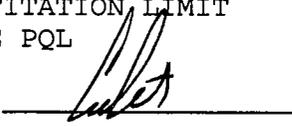
PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

METHOD BLANK FOR LAB I.D.: 050207-31, -33, -35, -37, -39, -41, -43, -44, -46, -48, -51, -53, -56, -57, -58, -60, -61, -63, -65

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 3 columns: PARAMETER, SAMPLE RESULT, and PQL X1. Lists various chemical compounds and their corresponding results (mostly ND) and PQL values.

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: [Signature]

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

METHOD BLANK FOR LAB I.D.: 050207-31, -33, -35, -37, -39, -41, -43, -44, -46, -48, -51, -53, -56, -57, -58, -60, -61, -63, -65

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 3 columns: PARAMETER, SAMPLE RESULT, PQL X1. Lists various chemical compounds and their results (mostly ND) and PQL values.

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555

Handwritten signature and initials.

**Enviro-Chem, Inc.**

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905

Fax (909)590-5907

**8260B QA/QC Report**

Date Analyzed: 2/8/05

Matrix: Solid/Sludge

Machine: A

Unit: mg/Kg (PPM)

**Matrix Spike (MS)/Matrix Spike Duplicate (MSD)**

Spiked Sample Lab I.D.: 050207-31

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.055	110%	0.059	118%	8%	75-125	0-20
Chlorobenzene	0	0.050	0.056	112%	0.055	110%	2%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.041	82%	0.042	84%	2%	75-125	0-20
Toluene	0	0.050	0.056	112%	0.057	114%	2%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.050	100%	0.050	100%	0%	75-125	0-20

**Lab Control Spike (LCS):**

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.055	110%	75-125
Chlorobenzene	0.050	0.054	108%	75-125
Chloroform	0.050	0.053	106%	75-125
1,1-Dichloroethene	0.050	0.049	98%	75-125
Ethylbenzene	0.050	0.051	102%	75-125
o-Xylene	0.050	0.055	110%	75-125
m,p-Xylene	0.100	0.104	104%	75-125
Toluene	0.050	0.051	102%	75-125
1,1,1-Trichloroethane	0.050	0.044	88%	75-125
Trichloroethene (TCE)	0.050	0.047	94%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.				050207-31	050207-33	050207-35	050207-37	050207-39	050207-41
Dibromofluoromethane	50.0	70-130	93%	95%	91%	90%	94%	94%	89%
Toluene-d8	50.0	70-130	95%	91%	95%	96%	95%	95%	101%
4-Bromofluorobenzene	50.0	70-130	94%	76%	96%	97%	96%	92%	102%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			050207-43	050207-44	050207-46	050207-48	050207-51	050207-53	050207-56
Dibromofluoromethane	50.0	70-130	88%	92%	90%	93%	95%	88%	87%
Toluene-d8	50.0	70-130	103%	101%	101%	102%	104%	104%	109%
4-Bromofluorobenzene	50.0	70-130	101%	103%	98%	104%	106%	100%	106%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			050207-57	050207-58	050207-59	050207-60	050207-61	050207-63	050207-65
Dibromofluoromethane	50.0	70-130	95%	89%	89%	96%	99%	99%	93%
Toluene-d8	50.0	70-130	97%	100%	105%	94%	109%	99%	94%
4-Bromofluorobenzene	50.0	70-130	98%	87%	99%	88%	98%	100%	85%

\* = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.

S.R. = Sample Results

%RC = Percent Recovery

spk conc = Spike Concentration

ACP %RC = Accepted Percent Recovery

MS = Matrix Spike

MSD = Matrix Spike Duplicate

Analyzed/Reviewed By: 

Final Reviewer: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP9@2

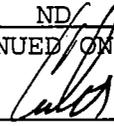
LAB I.D.: 050207-66

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1, 2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1, 2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1, 2-DICHLOROETHANE	ND	0.005
1, 3-DICHLOROETHANE	ND	0.005
1, 4-DICHLOROETHANE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1, 1-DICHLOROETHANE	ND	0.005
1, 2-DICHLOROETHANE	ND	0.005
1, 1-DICHLOROETHENE	ND	0.005
CIS-1, 2-DICHLOROETHENE	ND	0.005
TRANS-1, 2-DICHLOROETHENE	ND	0.005
1, 2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
 10391 Corporate Drive, Redlands, CA 92734  
 Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX:SOIL

DATE RECEIVED:02/07/05

DATE SAMPLED:02/06/05

DATE ANALYZED:02/09/05

REPORT TO:Mr. SCOTT NUNES

DATE REPORTED:02/14/05

SAMPLE I.D.: GP9@2

LAB I.D.: 050207-66

-----  
 ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
 UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP9@10

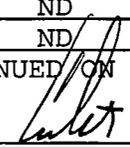
LAB I.D.: 050207-68

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROENZENE	ND	0.005
1,3-DICHLOROENZENE	ND	0.005
1,4-DICHLOROENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX:SOIL

DATE SAMPLED:02/06/05

REPORT TO:Mr. SCOTT NUNES

SAMPLE I.D.: GP9@10

DATE RECEIVED:02/07/05

DATE ANALYZED:02/09/05

DATE REPORTED:02/14/05

LAB I.D.: 050207-68

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

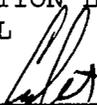
PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP9@20

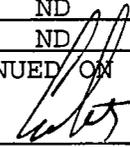
LAB I.D.: 050207-70

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/06/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GP9@20

DATE RECEIVED: 02/07/05

DATE ANALYZED: 02/09/05

DATE REPORTED: 02/14/05

LAB I.D.: 050207-70

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP8@2

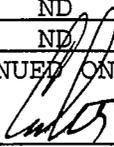
LAB I.D.: 050207-71

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROENZENE	ND	0.005
1,3-DICHLOROENZENE	ND	0.005
1,4-DICHLOROENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP8@2

LAB I.D.: 050207-71

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ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

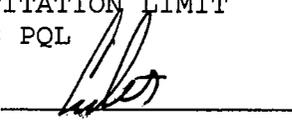
PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

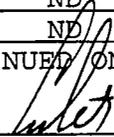
PROJECT NAME: La Crescenta  
PROJECT NO.: 04-16-266-02  
MATRIX: SOIL  
DATE SAMPLED: 02/06/05  
REPORT TO: Mr. SCOTT NUNES  
SAMPLE I.D.: GP8@5

DATE RECEIVED: 02/07/05  
DATE ANALYZED: 02/09/05  
DATE REPORTED: 02/14/05  
LAB I.D.: 050207-72

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROENZENE	ND	0.005
1,3-DICHLOROENZENE	ND	0.005
1,4-DICHLOROENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

## LABORATORY REPORT

CUSTOMER: **Converse Consultants**  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: **La Crescenta**

PROJECT NO.: **04-16-266-02**

MATRIX: **SOIL**

DATE SAMPLED: **02/06/05**

REPORT TO: **Mr. SCOTT NUNES**

SAMPLE I.D.: **GP8@5**

DATE RECEIVED: **02/07/05**

DATE ANALYZED: **02/09/05**

DATE REPORTED: **02/14/05**

LAB I.D.: **050207-72**

-----  
ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

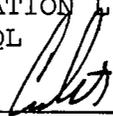
PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555

  
\_\_\_\_\_

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta
PROJECT NO.: 04-16-266-02
MATRIX: SOIL
DATE SAMPLED: 02/06/05
REPORT TO: Mr. SCOTT NUNES
SAMPLE I.D.: GP1@5

DATE RECEIVED: 02/07/05
DATE ANALYZED: 02/09/05
DATE REPORTED: 02/14/05
LAB I.D.: 050207-74

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 3 columns: PARAMETER, SAMPLE RESULT, PQL X1. Lists various chemical compounds and their results (mostly ND) and PQL values.

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: [Signature]

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta
PROJECT NO.: 04-16-266-02
MATRIX:SOIL
DATE SAMPLED:02/06/05
REPORT TO:Mr. SCOTT NUNES
SAMPLE I.D.: GP1@5

DATE RECEIVED:02/07/05
DATE ANALYZED:02/09/05
DATE REPORTED:02/14/05
LAB I.D.: 050207-74

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 3 columns: PARAMETER, SAMPLE RESULT, PQL X1. Lists various chemical compounds and their results (mostly ND) and PQL values.

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555

Handwritten signature and line.



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/07/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

METHOD BLANK FOR LAB I.D.: 050207-66, -68, -70, -71, -72, -74

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 3 columns: PARAMETER, SAMPLE RESULT, PQL X1. Lists various chemical compounds and their results (mostly ND) and PQL values.

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555

Handwritten signature and line.

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905

Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: 2/9-10/2005

Matrix: Solid/Sludge

Machine: A

Unit: mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 050207-74

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.052	103%	0.053	105%	2%	75-125	0-20
Chlorobenzene	0	0.050	0.053	106%	0.054	107%	2%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.040	80%	0.041	83%	3%	75-125	0-20
Toluene	0	0.050	0.049	97%	0.049	98%	1%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.047	94%	0.044	89%	5%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.054	108%	75-125
Chlorobenzene	0.050	0.054	108%	75-125
Chloroform	0.050	0.048	96%	75-125
1,1-Dichloroethene	0.050	0.045	91%	75-125
Ethylbenzene	0.050	0.051	102%	75-125
o-Xylene	0.050	0.054	108%	75-125
m,p-Xylene	0.100	0.103	103%	75-125
Toluene	0.050	0.054	108%	75-125
1,1,1-Trichloroethane	0.050	0.047	94%	75-125
Trichloroethene (TCE)	0.050	0.047	93%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.				0207-56	0207-66	0207-68	0207-70	0207-71	0207-72
Dibromofluoromethane	50.0	70-130	91%	87%	98%	97%	93%	93%	85%
Toluene-d8	50.0	70-130	105%	110%	76%	82%	97%	96%	128%
4-Bromofluorobenzene	50.0	70-130	101%	110%	70%	68*	95%	95%	147*

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			0207-74	0208-22	0208-23	0208-25	0208-26	0208-28	0208-29
Dibromofluoromethane	50.0	70-130	96%	91%	95%	95%	97%	92%	96%
Toluene-d8	50.0	70-130	96%	105%	96%	95%	103%	106%	113%
4-Bromofluorobenzene	50.0	70-130	95%	104%	94%	92%	100%	100%	106%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			0208-30	0208-31	0208-32	0208-34	0208-35	0208-37	0208-38
Dibromofluoromethane	50.0	70-130	97%	96%	96%	95%	78%	93%	92%
Toluene-d8	50.0	70-130	104%	101%	100%	101%	109%	99%	108%
4-Bromofluorobenzene	50.0	70-130	106%	84%	93%	95%	67*	94%	104%

\* = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.

S.R. = Sample Results

%RC = Percent Recovery

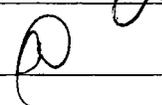
spk conc = Spike Concentration

ACP %RC = Accepted Percent Recovery

MS = Matrix Spike

MSD = Matrix Spike Duplicate

Analyzed/Reviewed By: 

Final Reviewer: 



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta  
PROJECT NO.: 04-16-266-02 DATE RECEIVED: 02/07/05  
MATRIX: SOIL DATE EXTRACTED: 02/08/05  
DATE SAMPLED: 02/06/05 DATE ANALYZED: 02/08/05  
REPORT TO: Mr. SCOTT NUNES DATE REPORTED: 02/14/05  
SAMPLE I.D.: GP15@10 LAB I.D.: 050207-51

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SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Dimethyl Phthalate	ND	0.50
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno (1,2,3-cd) pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3-Methyl Phenol	ND	0.50
4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta  
PROJECT NO.: 04-16-266-02  
MATRIX: SOIL  
DATE SAMPLED: 02/06/05  
REPORT TO: Mr. SCOTT NUNES  
SAMPLE I.D.: GP15@20

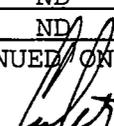
DATE RECEIVED: 02/07/05  
DATE EXTRACTED: 02/08/05  
DATE ANALYZED: 02/08/05  
DATE REPORTED: 02/14/05  
LAB I.D.: 050207-53

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	0.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

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LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/06/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GP15@20

DATE RECEIVED: 02/07/05

DATE EXTRACTED: 02/08/05

DATE ANALYZED: 02/08/05

DATE REPORTED: 02/14/05

LAB I.D.: 050207-53

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

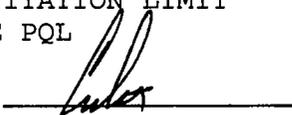
PARAMETER	SAMPLE RESULT	PQL X1
Dimethyl Phthalate	ND	0.50
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno (1,2,3-cd) pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3-Methyl Phenol	ND	0.50
4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

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LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

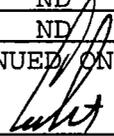
PROJECT NAME: La Crescenta  
PROJECT NO.: 04-16-266-02  
MATRIX: SOIL  
DATE SAMPLED: 02/06/05  
REPORT TO: Mr. SCOTT NUNES  
SAMPLE I.D.: GP14@5  
DATE RECEIVED: 02/07/05  
DATE EXTRACTED: 02/08/05  
DATE ANALYZED: 02/08/05  
DATE REPORTED: 02/14/05  
LAB I.D.: 050207-56

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzo (a) anthracene	ND	0.50
Benzo (b) fluoranthene	ND	0.50
Benzo (a) pyrene	ND	0.50
Benzo (g, h, i) perylene	ND	0.50
Benzo (k) fluoranthene	ND	0.50
Benzoic Acid	ND	0.50
Benzyl Alcohol	ND	0.50
Bis (2-Chloroethoxy) methane	ND	0.50
Bis (2-Chloroethyl) ether	ND	0.50
Bis (2-Chloroisopropyl) ether	ND	0.50
Bis (2-Ethylhexyl) Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo (a, h) anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

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LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta  
PROJECT NO.: 04-16-266-02  
MATRIX: SOIL  
DATE SAMPLED: 02/06/05  
REPORT TO: Mr. SCOTT NUNES  
SAMPLE I.D.: GP14@5

DATE RECEIVED: 02/07/05  
DATE EXTRACTED: 02/08/05  
DATE ANALYZED: 02/08/05  
DATE REPORTED: 02/14/05  
LAB I.D.: 050207-56

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

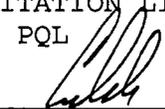
PARAMETER	SAMPLE RESULT	PQL X1
Dimethyl Phthalate	ND	0.50
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3-Methyl Phenol	ND	0.50
4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta  
PROJECT NO.: 04-16-266-02  
MATRIX: SOIL  
DATE SAMPLED: 02/06/05  
REPORT TO: Mr. SCOTT NUNES  
SAMPLE I.D.: GP14@10

DATE RECEIVED: 02/07/05  
DATE EXTRACTED: 02/08/05  
DATE ANALYZED: 02/08/05  
DATE REPORTED: 02/14/05  
LAB I.D.: 050207-57

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzo (a) anthracene	ND	0.50
Benzo (b) fluoranthene	ND	0.50
Benzo (a) pyrene	ND	0.50
Benzo (g, h, i) perylene	ND	0.50
Benzo (k) fluoranthene	ND	0.50
Benzoic Acid	ND	0.50
Benzyl Alcohol	ND	0.50
Bis (2-Chloroethoxy) methane	ND	0.50
Bis (2-Chloroethyl) ether	ND	0.50
Bis (2-Chloroisopropyl) ether	ND	0.50
Bis (2-Ethylhexyl) Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo (a, h) anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants

10391 Corporate Drive, Redlands, CA 92734

Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

DATE RECEIVED: 02/07/05

MATRIX: SOIL

DATE EXTRACTED: 02/08/05

DATE SAMPLED: 02/06/05

DATE ANALYZED: 02/08/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/14/05

SAMPLE I.D.: GP14@10

LAB I.D.: 050207-57

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Dimethyl Phthalate	ND	0.50
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3-Methyl Phenol	ND	0.50
4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555

### LABORATORY REPORT

CUSTOMER: **Converse Consultants**  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: **La Crescenta**

PROJECT NO.: **04-16-266-02**

MATRIX: **SOIL**

DATE SAMPLED: **02/06/05**

REPORT TO: **Mr. SCOTT NUNES**

SAMPLE I.D.: **GP14@15**

DATE RECEIVED: **02/07/05**

DATE EXTRACTED: **02/08/05**

DATE ANALYZED: **02/08/05**

DATE REPORTED: **02/14/05**

LAB I.D.: **050207-58**

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**SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2**

**UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM**

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzo (a) anthracene	ND	0.50
Benzo (b) fluoranthene	ND	0.50
Benzo (a) pyrene	ND	0.50
Benzo (g, h, i) perylene	ND	0.50
Benzo (k) fluoranthene	ND	0.50
Benzoic Acid	ND	0.50
Benzyl Alcohol	ND	0.50
Bis (2-Chloroethoxy) methane	ND	0.50
Bis (2-Chloroethyl) ether	ND	0.50
Bis (2-Chloroisopropyl) ether	ND	0.50
Bis (2-Ethylhexyl) Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo (a, h) anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta  
PROJECT NO.: 04-16-266-02  
MATRIX: SOIL  
DATE SAMPLED: 02/06/05  
REPORT TO: Mr. SCOTT NUNES  
SAMPLE I.D.: GP14@15  
DATE RECEIVED: 02/07/05  
DATE EXTRACTED: 02/08/05  
DATE ANALYZED: 02/08/05  
DATE REPORTED: 02/14/05  
LAB I.D.: 050207-58

-----  
SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Dimethyl Phthalate	ND	0.50
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno (1,2,3-cd) pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3-Methyl Phenol	ND	0.50
4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/06/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GP8@2

DATE RECEIVED: 02/07/05

DATE EXTRACTED: 02/08/05

DATE ANALYZED: 02/08/05

DATE REPORTED: 02/14/05

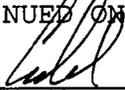
LAB I.D.: 050207-71

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	0.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta  
PROJECT NO.: 04-16-266-02  
MATRIX: SOIL  
DATE SAMPLED: 02/06/05  
REPORT TO: Mr. SCOTT NUNES  
SAMPLE I.D.: GP8@2

DATE RECEIVED: 02/07/05  
DATE EXTRACTED: 02/08/05  
DATE ANALYZED: 02/08/05  
DATE REPORTED: 02/14/05  
LAB I.D.: 050207-71

-----  
SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

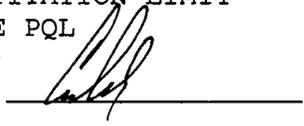
PARAMETER	SAMPLE RESULT	PQL X1
Dimethyl Phthalate	ND	0.50
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3-Methyl Phenol	ND	0.50
4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/06/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GP8@5

DATE RECEIVED: 02/07/05

DATE EXTRACTED: 02/08/05

DATE ANALYZED: 02/08/05

DATE REPORTED: 02/14/05

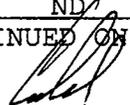
LAB I.D.: 050207-72

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	0.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
 10391 Corporate Drive, Redlands, CA 92734  
 Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta  
 PROJECT NO.: 04-16-266-02  
 MATRIX: SOIL  
 DATE SAMPLED: 02/06/05  
 REPORT TO: Mr. SCOTT NUNES  
 SAMPLE I.D.: GP8@5

DATE RECEIVED: 02/07/05  
 DATE EXTRACTED: 02/08/05  
 DATE ANALYZED: 02/08/05  
 DATE REPORTED: 02/14/05  
 LAB I.D.: 050207-72

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Dimethyl Phthalate	ND	0.50
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3-Methyl Phenol	ND	0.50
4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

**METHOD BLANK REPORT**

CUSTOMER: **Converse Consultants**  
 10391 Corporate Drive, Redlands, CA 92734  
 Tel (909) 796-0544 Fax (909) 796-7675

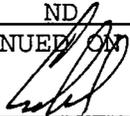
PROJECT NAME: **La Crescenta**  
 PROJECT NO.: **04-16-266-02** DATE RECEIVED: 02/07/05  
 MATRIX: SOIL DATE EXTRACTED: 02/08/05  
 DATE SAMPLED: 02/06/05 DATE ANALYZED: 02/08/05  
 REPORT TO: Mr. SCOTT NUNES DATE REPORTED: 02/14/05

METHOD BLANK FOR LAB I.D.:  
 050207-51, -53, -56, -57, -58, -71, -72

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2  
 UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	0.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX:SOIL

DATE SAMPLED:02/06/05

REPORT TO:Mr. SCOTT NUNES

DATE RECEIVED:02/07/05

DATE EXTRACTED:02/08/05

DATE ANALYZED:02/08/05

DATE REPORTED:02/14/05

METHOD BLANK FOR LAB I.D.:

050207-51, -53, -56, -57, -58, -71, -72

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

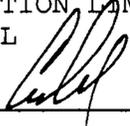
PARAMETER	SAMPLE RESULT	PQL X1
Dimethyl Phthalate	ND	0.50
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3-Methyl Phenol	ND	0.50
4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



**Enviro-Chem, Inc.**

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

## 8270 QA/QC Report

Matrix: **Soil/Sludge**

Unit: mg/Kg (PPM)

Date Analyzed: 2/8-2/9/2005

**Matrix Spike (MS)/Matrix Spike Duplicate (MSD)**

Spiked Sample Lab I.D.: **050208-LCS1/2**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
Phenol	0.0	80.0	52.2	65%	48.8	61%	7%	50-150	0-20
Pyrene	0.0	80.0	70.9	89%	64.9	81%	9%	50-150	0-20

**Laboratory Control Spike (LCS):**

Analyte	spk conc	LCS	% RC	ACP %RC
Phenol	4.00	3.76	94%	75-125
1,4-Dichlorobenzene	4.00	4.18	105%	75-125
2,4-Dichlorophenol	4.00	3.47	87%	75-125
Hexachlorobutadiene	4.00	4.55	114%	75-125
4-Chloro-3-methylphenol	4.00	3.95	99%	75-125
Fluoranthene	4.00	4.55	114%	75-125

Surrogate Recovery	spk conc	ACP%	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			MB	050207-51	050207-53	050207-56	050207-57	050207-58	050207-71
2-Fluorophenol	80	25-121	58%	53%	54%	68%	67%	64%	70%
Phenol-d5	80	24-113	42%	37%	37%	48%	47%	47%	48%
Nitrobenzene-d5	80	23-120	58%	52%	52%	67%	64%	62%	66%
2-Fluorobiphenyl	80	30-115	87%	83%	76%	96%	93%	92%	99%
2,4,6-Tribromophenol	80	19-122	46%	40%	22%	51%	79%	50%	38%
Terphenyl-d14	80	18-137	39%	33%	32%	53%	53%	49%	47%

Surrogate Recovery	spk conc	ACP%	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			050207-72						
2-Fluorophenol	80	25-121	70%						
Phenol-d5	80	24-113	47%						
Nitrobenzene-d5	80	23-120	64%						
2-Fluorobiphenyl	80	30-115	93%						
2,4,6-Tribromophenol	80	19-122	20%						
Terphenyl-d14	80	18-137	34%						

Surrogate Recovery	spk conc	ACP%	%RC						
Sample I.D.									
2-Fluorophenol	80	25-121							
Phenol-d5	80	24-113							
Nitrobenzene-d5	80	23-120							
2-Fluorobiphenyl	80	30-115							
2,4,6-Tribromophenol	80	19-122							
Terphenyl-d14	80	18-137							

Analyzed and Reviewed By: ALW

\* = Surrogate fail due to matrix interference

Final Reviewer: (Signature)

Note: LCS, MS, MSD are in control therefore results are in control.

**Enviro-Chem, Inc. Laboratories**

1214 E. Lexington Avenue,  
Pomona, CA 91766

Tel: (909) 590-5905 Fax: (909) 590-5907

CA-DHS ELAP CERTIFICATE # 1555

**Turnaround Time**

- Same Day
- 24 Hours
- 48 Hours
- 72 Hours
- Week (Standard)
- Other:

SAMPLE ID	LAB ID	SAMPLING DATE TIME		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required										COMMENTS			
		DATE	TIME					8015M G02	8015M Duped to 418-1 TRPH	82605 VOC	6010/74471A Total Lead	8015TPH COV	8270 SVOC	6010 CAM metals	8082 PCB	EG&C	Misc.				
GP5 @ 5	050207-15	2/6/5	8:44	Soil	1512100 440005	4C	ice	X			X										
10	-16		8:50					X			X										
GP6 @ 5	-17		8:26					X			X										
10	-18		8:35					X			X										
GP7 @ 5	-19		8:03					X			X										
10	-20		8:07					X			X										
15	-21		8:12		1						Archive										Archive
20	-22		8:19					X			X										
GS22 @ 2	-23		12:03		1						Archive										
5	-24		12:15					X			X	X	X								
10	-25		12:20		1						Archive										
15	-26		12:59					X			X	X	X								
20	-27		1:22		1						Archive										
25	-28		1:38					X			X	X	X								
30	-29		1:50		1						Archive										

Company Name: <u>Genex Consultants</u>	Project Contact: <u>Scott Niles</u>	Sampler's Signature:
Address: <u>10391 Corporate Dr</u>	Tel: <u>909 796 0544</u>	Project Name/ID: <u>UC00000000</u>
City/State/Zip: <u>Redlands</u>	Fax: <u>909 796 7675</u>	<u>04-16-266-02</u>

Relinquished by:	Received by:	Date & Time: <u>2/7/05 1110</u>	Instructions for Sample Storage After Analysis: <input type="radio"/> Dispose of <input type="radio"/> Return to Client <input type="radio"/> Store (30 Days) <input type="radio"/> Other:
Relinquished by:	Received by:	Date & Time: <u>2/7/05 1230</u>	
Relinquished by:	Received by:	Date & Time:	

**CHAIN OF CUSTODY RECORD**

**Enviro-Chem, Inc. Laboratories**  
 1214 E. Lexington Avenue,  
 Pomona, CA 91766  
 Tel: (909) 590-5905 Fax: (909) 590-5907  
 CA-DHS ELAP CERTIFICATE # 1555

Turnaround Time  
 Same Day  
 24 Hours  
 48 Hours  
 72 Hours  
 1 Week (Standard)  
 Other:

SAMPLE ID	LAB ID	SAMPLING DATE TIME		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required										COMMENTS				
		DATE	TIME					8015M geo	8015M Asbestos	4 181717171	82608 VOC	6010/74748 Level	8015M PPH COU	8270 SVOC	6010 AM metals	8082 PCB	ecoli		Misc.			
GP32 5	050207-30	2/6/5	9:03	Soil	1st time 400	42	ice		Arche													
10	-31		9:06		1st time AVOA			X		X	X	X										
15	-32		9:11		1st time AVOA				Arche													
20	-33		9:18		1st time AVOA			X		X	X	X										
25	-34		9:37						Arche													
30	-35		10:05					X		X	X	X										
35	-36		10:19						Arche													
40	-37		10:37					X		X	X	X										
GP4 2 5	-38		11:01						Arche													
10	-39		11:10					X		X	X	X										
15	-40		11:18						Arche													
20	-41		11:25					X		X	X	X										
25	-42		11:40						Arche													

Company Name: Converse Consultants		Project Contact: Scott Russ		Sampler's Signature: 	
Address: 10391 Corporate Dr		Tel: 909 796 0544		Project Name/ID: Lacresceta 04-16-266-02	
City/State/Zip: Redlands CA		Fax: 909 796 7675			
Relinquished by:	Received by:	Date & Time: 2/7/05 9:10	Instructions for Sample Storage After Analysis:		
Relinquished by:	Received by:	Date & Time: 2/7/05 12:30	<input type="checkbox"/> Dispose of <input type="checkbox"/> Return to Client <input type="checkbox"/> Store (30 Days)		
Relinquished by:	Received by:	Date & Time:	<input type="checkbox"/> Other:		

**CHAIN OF CUSTODY RECORD**

**Enviro-Chem, Inc. Laboratories**  
 1214 E. Lexington Avenue,  
 Pomona, CA 91766  
 Tel: (909) 590-5905 Fax: (909) 590-5907  
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time  
 Same Day  
 24 Hours  
 48 Hours  
 72 Hours  
 1 Week (Standard)  
 Other:

Misc.  
 8015M SO  
 8015M Durely  
 418-1 TSPH  
 8260 VOC  
 6010/7474  
 8015 TSPH  
 8070 SVOC  
 6010 CM metals  
 8082 PCB  
 Ecol.

SAMPLE ID	LAB ID	SAMPLING DATE TIME		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required										COMMENTS				
		DATE	TIME					8015M SO	8015M Durely	418-1 TSPH	8260 VOC	6010/7474	8015 TSPH	8070 SVOC	6010 CM metals	8082 PCB	Ecol.					
GB222 35	00207-43	2/6/05	2:01	Soil	15L 4VIA	42	ice	X			X	X	X									
40	-44		2:12					X			X	X	X									
GB222 5	-45		2:27								Archive											
10	-46		2:33					X			X	X	X									
15	-47		2:38								Archive											
20	-48		2:47					X			X	X	X									
25	-49		3:07								Archive											
/																						

Company Name: <u>Stantec Corrosion Consultants</u>				Project Contact: <u>Scott Ninos</u>				Sampler's Signature:			
Address: <u>10391 Corporate Dr</u>				Tel: <u>909 796 0544</u>				Project Name/ID: <u>La Crescenta 04-16-266-02</u>			
City/State/Zip: <u>Redlands CA</u>				Fax: <u>909 796 7675</u>							
Relinquished by:		Received by:		Date & Time: <u>2/7/05 1110</u>		Instructions for Sample Storage After Analysis: <input type="radio"/> Dispose of <input type="radio"/> Return to Client <input type="radio"/> Store (30 Days) <input type="radio"/> Other:					
Relinquished by:		Received by:		Date & Time: <u>2/7/05 1230</u>							
Relinquished by:		Received by:		Date & Time:							

**CHAIN OF CUSTODY RECORD**

**Enviro-Chem, Inc. Laboratories**  
 1214 E. Lexington Avenue,  
 Pomona, CA 91766  
 Tel: (909) 590-5905 Fax: (909) 590-5907  
**CA-DHS ELAP CERTIFICATE # 1555**

Turnaround Time  
 Same Day  
 24 Hours  
 48 Hours  
 72 Hours  
 1 Week (Standard)  
 Other:

SAMPLE ID	LAB ID	SAMPLING DATE TIME		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required										COMMENTS				
		DATE	TIME					SO15M 807	SO15M dinitr sulf	418-1 TCEM	82605 VOC	6010/7470A Pesticides	SO15 TPH 00	8270 SVOC	601000M metals	SO15 PCBs	ESCALI		Misc.			
6015 - 5	050207 - 50	2/16/05	8:05	Sol	1314 4000	42	ice		Archive													
10	51		8:25					X		X		X	X	X	X	X						
15	52		8:31						Archive													
20	53		8:41					X		X		X	X	X	X	X						
<del>25</del>	<del>54</del>		X						<del>Archive</del>													
6014 - 2	55		9:05						Archive													
5	56		9:10							X		X	X	X	X							
10	57		9:10							X		X	X	X	X							
15	58		9:28							X		X	X	X	X							
6011 - 2	59		2:00					X		<del>X</del>					X	X						
5	60		2:03					X		X		X			X	X						
10	61		2:07					X		X					X	X						
15	62		2:10						Archive													

Company Name: <u>Conore</u>		Project Contact: <u>Scott Nunes</u>		Sampler's Signature:	
Address: <u>10391 Corporate Rd</u>		Tel: <u>709 796 0544</u>		Project Name/ID: <u>La Crocetta</u>	
City/State/Zip: <u>Redlands CA</u>		Fax: <u>909 796 7675</u>		ID: <u>04-16-266-02</u>	
Relinquished by:	Received by:	Date & Time: <u>2/7/05 1110</u>	Instructions for Sample Storage After Analysis:		
Relinquished by:	Received by:	Date & Time: <u>2/7/05 1230</u>	<input type="radio"/> Dispose of <input type="radio"/> Return to Client <input type="radio"/> Store (30 Days)		
Relinquished by:	Received by:	Date & Time:	<input type="radio"/> Other:		

**CHAIN OF CUSTODY RECORD**



**Enviro - Chem, Inc.**

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907  
 \*\*\*\*\* INVOICE \*\*\*\*\*

ENVIRO-CHEM, INC.  
 FEDERAL TAX ID:  
 95-4258508

INVOICE NUMBER: 0502238-IN

INVOICE DATE: 02/16/05

SALESPERSON: DESI

CONVERSE CONSULTANTS  
 10391 CORPORATE DRIVE  
 REDLANDS CA 92734

CUSTOMER NO: CON0544  
 CUSTOMER P.O.:

REPORT TO: MR. SCOTT NUNES

PROJECT: PROJECT No.: 04-16-266-02

TERMS: NET 30 DAYS

SALES CD	DESCRIPTION	QUANTITY	PRICE	AMOUNT
	PROJECT NAME: LA CRESCENTA			
8270C	SEMI-VOLATILE ORGANICS	6	\$145.00	\$870.00
8015ME	TPH-CCID (EXTRACTABLE)	18	\$38.00	\$684.00
8015MP	8015M-PURGEABLE (GASOLINE)	2	\$30.00	\$60.00
8082	PCBs	6	\$55.00	\$330.00
8260B	VOLATILE ORGANICS	18	\$65.00	\$1,170.00
CCRM	CCR TITLE 22 METALS	6	\$105.00	\$630.00
SM9221	E. COLI	2	\$25.00	\$50.00
5035S	5035 SAMPLING KITS	18	\$10.00	\$180.00
	LAB I.D.#050208-22 TO -48			

TERMS: NET 30 DAYS. PAST DUE INVOICES ARE SUBJECT  
 TO A 18% PER YEAR OR 1.5% PER MONTH INTEREST RATE

INVOICE TOTAL: \$3,974.00

**Enviro - Chem, Inc.**

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: February 15, 2005

Mr. Scott Nunes  
Converse Consultants  
10391 Corporate Drive  
Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

Project: **La Crescenta**  
Project No.: **04-16-266-02**  
Enviro-Chem Lab ID: 050208-22 through -48

Dear Mr. Nunes:

The analytical results for the soil samples, received by our laboratory on February 8, 2005, are attached. All samples were received chilled, intact and accompanying chain of custody.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,



Curtis Desilets  
Vice President/Program Manager



Jesse Tu, Ph.D.  
Laboratory Manager



## LABORATORY REPORT

CUSTOMER: **Converse Consultants**  
 10391 Corporate Drive, Redlands, CA 92734  
 Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: **La Crescenta**  
 PROJECT NO.: **04-16-266-02**  
 MATRIX: SOIL  
 DATE SAMPLED: 02/07/05  
 REPORT TO: Mr. SCOTT NUNES

DATE RECEIVED: 02/08/05  
 DATE EXTRACTED: 02/09-10/05  
 DATE ANALYZED: 02/10-11/05  
 DATE REPORTED: 02/15/05

**TOTAL PETROLEUM HYDROCARBONS (TPH) - CARBON CHAIN ANALYSIS**

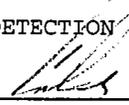
METHOD: LUFT/EPA 8015M

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	GASOLINE (C4-C10)	KEROSENE (C8-C16)	DIESEL (C10-C22)	OIL (C22-C35)	DF
GP16-2	050208-22	ND	ND	ND	ND	1
GP16-5	050208-23	ND	ND	ND	ND	1
GP17-2	050208-25	ND	ND	ND	ND	1
GP17-5	050208-26	ND	ND	ND	ND	1
GP18-2	050208-28	ND	ND	ND	ND	1
GP18-5	050208-29	ND	ND	ND	ND	1
GP19-2	050208-31	ND	ND	ND	ND	1
GP19-5	050208-32	ND	ND	ND	ND	1
GP20-2	050208-34	ND	ND	ND	ND	1
GP20-5	050208-35	ND	ND	ND	ND	1
GP21-2	050208-37	ND	ND	ND	ND	1
GP21-5	050208-38	ND	ND	ND	ND	1
GP21-15	050208-40	ND	ND	ND	ND	1
GP21-20	050208-41	ND	ND	ND	ND	1
GP23-2	050208-42	ND	ND	ND	ND	1
GP23-5	050208-43	ND	ND	ND	ND	1
<b>METHOD BLANK</b>		ND	ND	ND	ND	1
<b>PQL</b>		<b>10</b>	<b>10</b>	<b>10</b>	<b>50</b>	

**COMMENTS**

DF = DILUTION FACTOR  
 PQL = PRACTICAL QUANTITATION LIMIT  
 ACTUAL DETECTION LIMIT = DF X PQL  
 ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by:   
 CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

### 8015M Soil/Solid QC

Date Analyzed: 2/11/2005

Units: mg/Kg (PPM)

Matrix: Solid/Sludge

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **050208-43**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
DIESEL	0	2500	2472	99%	2412	96%	2%	75-125	0-20%

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
DIESEL	200	220	110%	75-125

Analyzed and Reviewed By: KL

Final Reviewer: CA

Enviro Chem, Inc

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905

Fax (909)590-5907

# Gas/BTEX QC

Date Analyzed: 2/9/2005

Units: mg/Kg (PPM)

Matrix: Soil

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 050209-LCS1/2

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %REC	ACP %RPD
Gasoline	0.000	0.500	0.410	82%	0.423	85%	3%	<b>75-125</b>	<20%
Benzene	0.000	0.050	0.044	88%	0.042	84%	5%	<b>75-125</b>	<20%
Toluene	0.000	0.050	0.042	84%	0.041	82%	2%	<b>75-125</b>	<20%
Ethylbenzene	0.000	0.050	0.041	82%	0.040	80%	2%	<b>75-125</b>	<20%

### LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP
Gasoline	0.500	0.389	78%	<b>75-125</b>
Benzene	0.050	0.040	80%	<b>75-125</b>
Toluene	0.050	0.039	78%	<b>75-125</b>
Ethylbenzene	0.050	0.038	76%	<b>75-125</b>

Surrogate Recovery	ACP %REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	050207-93	050208-45	050208-47				
BFB	70-130	80%	82%	88%	90%				

Surrogate Recovery	ACP %REC	%REC							
Sample I.D.									
BFB	70-130								

Surrogate Recovery	ACP %REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.						
BFB	70-130					

S.R. = Sample Result

\* = Surrogate fail due to matrix interference (If marked)

spk conc = Spike Concentration

Note: LCS, MS, MSD are in control therefore results are in control.

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: EL

Final Reviewer: CA

**Enviro - Chem, Inc.**

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

**LABORATORY REPORT**

CUSTOMER: **Converse Consultants**  
 10391 Corporate Drive, Redlands, CA 92734  
 Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: **La Crescenta**

PROJECT NO.: **04-16-266-02**

DATE RECEIVED: 02/08/05

MATRIX: SOIL

DATE EXTRACTED: 02/09/05

DATE SAMPLED: 02/07/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/15/05

**PCBs ANALYSIS**

METHOD: EPA 8082

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	PCB- 1016	PCB- 1221	PCB- 1232	PCB- 1242	PCB- 1248	PCB- 1254	PCB- 1260	TOTAL PCBs*	DF
GP21-2	050208-37	ND	1							
GP21-5	050208-38	ND	1							
GP21-15	050208-40	ND	1							
GP21-20	050208-41	ND	1							
GP13-5	050208-45	ND	1							
GP13-15	050208-47	ND	1							
<b>Method Blank</b>		ND	1							

PQL                    0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01

**COMMENTS**

DF = Dilution Factor

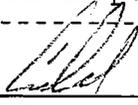
PQL = Practical Quantitation Limit

Actual Detection Limit = DF X PQL

ND = Non-Detected Or Below the Actual Detection Limit

\* = Sum of the PCB 1016, 1221, 1232, 1242, 1248, 1254 and 1260

\*\*\* = The concentration exceeds the TTLC Limit of 50, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: 

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905 Fax (909)590-5907

# QA/QC Report

**Analysis: EPA 8082 (PCB)**

Matrix: **Solid/Sludge**

Date Analyzed: **2/9/2005**

Unit: **mg/Kg (PPM)**

**Matrix Spike (MS)/Matrix Spike Duplicate (MSD)**

Spiked Sample Lab I.D.: **050209-LCS 1/2**

Analyte	spk conc	MS	%REC	MSD	%REC	%RPD	ACP % RPD	ACP %REC
PCB (1016+1260)	1.000	1.165	117%	1.160	116%	0%	0-20%	70-130

**LCS STD RECOVERY:**

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	0.100	0.115	115%	75-125

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: KL

Final Reviewer: CB

Enviro - Chem, Inc.  
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

**LABORATORY REPORT**

CUSTOMER: **Converse Consultants**  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: **La Crescenta**

PROJECT NO.: **04-16-266-02**

MATRIX: SOIL

DATE RECEIVED: 02/08/05

DATE SAMPLED: 02/07/05

DATE ANALYZED: 02/08/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/15/05

-----  
SAMPLE I.D.: **GP13-5**

LAB I.D.: **050208-45**  
-----

PARAMETER	UNIT	SAMPLE RESULT	PQL	DF	METHOD
E.Coli	MPN/G	<2	2	1	SM9221E*

-----  
**COMMENTS**

MPN/G = Most Probable Number per Gram

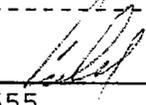
PQL = Practical Quantitation Limit

DF = Dilution Factor

Actual Detection Limit = DF X PQL

< = Less Than

\* = Analysis performed by Associated Laboratories, Orange, CA  
-----

Data Reviewed and Approved by:   
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.  
1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

**LABORATORY REPORT**

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/08/05

DATE SAMPLED: 02/07/05

DATE ANALYZED: 02/08/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/15/05

-----  
SAMPLE I.D.: GP13-15

LAB I.D.: 050208-47  
-----

PARAMETER	UNIT	SAMPLE RESULT	PQL	DF	METHOD
E.Coli	MPN/G	<2	2	1	SM9221E*

-----  
**COMMENTS**

MPN/G = Most Probable Number per Gram

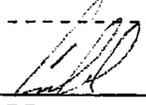
PQL = Practical Quantitation Limit

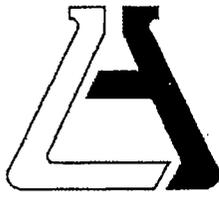
DF = Dilution Factor

Actual Detection Limit = DF X PQL

< = Less Than

\* = Analysis performed by Associated Laboratories, Orange, CA  
-----

Data Reviewed and Approved by:   
CAL-DHS ELAP CERTIFICATE No.: 1555



**ASSOCIATED LABORATORIES**  
806 North Batavia - Orange, California 92868 - 714/771-6900

FAX 714/538-1209

CLIENT Enviro-Chem Laboratories, Inc. (7420)  
ATTN: Curtis Desilcts  
1214 E. Lexington Avencuc  
Pomona, CA 91766

LAB REQUEST 145030

REPORTED 02/11/2005

RECEIVED 02/08/2005

PROJECT 050208-45,47

SUBMITTER Client

### COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

<u>Order No.</u>	<u>Client Sample Identification</u>
594842	050208-45
594843	050208-47

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.  
Vice President

*NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.*

The reports of the Associated Laboratories are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.

*TESTING & CONSULTING  
Chemical  
Microbiological  
Environmental*

Order #:  Client Sample ID: 050208-45  
Matrix: SOLID  
Date Sampled: 02/07/2005  
Time Sampled: 10:50

Analyte	Result	DLR	Units	Date/Analyst
---------	--------	-----	-------	--------------

9221 E. Coli

E. Coli	< 2		MPN/g	02/08/05 SM
---------	-----	--	-------	-------------

Order #:  Client Sample ID: 050208-47  
Matrix: SOLID  
Date Sampled: 02/07/2005  
Time Sampled: 11:00

Analyte	Result	DLR	Units	Date/Analyst
---------	--------	-----	-------	--------------

9221 E. Coli

E. Coli	< 2		MPN/g	02/08/05 SM
---------	-----	--	-------	-------------

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/08/05

DATE SAMPLED: 02/07/05

DATE ANALYZED: 02/09-10/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/15/05

SAMPLE I.D.: GP21-2

LAB I.D.: 050208-37

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: ELEMENT ANALYZED, SAMPLE RESULT, PQL, DF, TTLC LIMIT, STLC LIMIT, EPA METHOD. Lists various elements like Antimony, Arsenic, Barium, etc., with their respective results and limits.

COMMENTS

- DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
\* = STLC analysis for the metal is recommended (if marked)
\*\* = Additional Analysis required, please call to discuss (if marked)
\*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: [Signature]

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/08/05

DATE SAMPLED: 02/07/05

DATE ANALYZED: 02/09-10/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/15/05

SAMPLE I.D.: GP21-5

LAB I.D.: 050208-38

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: ELEMENT ANALYZED, SAMPLE RESULT, PQL, DF, TTLC LIMIT, STLC LIMIT, EPA METHOD. Lists various elements like Antimony, Arsenic, Barium, etc., with their respective values and limits.

COMMENTS

DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
\* = STLC analysis for the metal is recommended (if marked)
\*\* = Additional Analysis required, please call to discuss (if marked)
\*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

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LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX:SOIL

DATE RECEIVED:02/08/05

DATE SAMPLED:02/07/05

DATE ANALYZED:02/09-10/05

REPORT TO:Mr. SCOTT NUNES

DATE REPORTED:02/15/05

SAMPLE I.D.: GP21-15

LAB I.D.: 050208-40

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: ELEMENT ANALYZED, SAMPLE RESULT, PQL, DF, TTLC LIMIT, STLC LIMIT, EPA METHOD. Lists various elements like Antimony, Arsenic, Barium, etc., with their respective values and methods.

COMMENTS

- DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
\* = STLC analysis for the metal is recommended (if marked)
\*\* = Additional Analysis required, please call to discuss (if marked)
\*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: [Signature]

CAL-DHS ELAP CERTIFICATE No.: 1555

## LABORATORY REPORT

CUSTOMER: **Converse Consultants**  
 10391 Corporate Drive, Redlands, CA 92734  
 Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: **La Crescenta**

PROJECT NO.: **04-16-266-02**

MATRIX: **SOIL**

DATE RECEIVED: 02/08/05

DATE SAMPLED: 02/07/05

DATE ANALYZED: 02/09-10/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/15/05

SAMPLE I.D.: **GP21-20**

LAB I.D.: **050208-41**

### TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

ELEMENT ANALYZED	SAMPLE RESULT	PQL	DF	TTLT LIMIT	STLC LIMIT	EPA METHOD
Antimony(Sb)	ND	1.0	1	500	15	6010B
Arsenic(As)	1.62	0.5	1	500	5.0	6010B
Barium(Ba)	47.7	5.0	1	10,000	100	6010B
Beryllium(Be)	ND	0.5	1	75	0.75	6010B
Cadmium(Cd)	ND	0.5	1	100	1.0	6010B
Chromium Total(Cr)	2.34	0.5	1	2,500	560/5@	6010B
Chromium VI (Cr6)	--	0.2	1	500	5.0	7196A
Cobalt(Co)	2.31	1.0	1	8,000	80	6010B
Copper(Cu)	1.66	1.0	1	2,500	25	6010B
Lead(Pb)	1.07	0.5	1	1,000	5.0	6010B
Mercury(Hg)	ND	0.1	1	20	0.2	7471A
Molybdenum(Mo)	ND	5.0	1	3,500	350	6010B
Nickel(Ni)	ND	2.5	1	2,000	20	6010B
Selenium(Se)	ND	1.0	1	100	1.0	6010B
Silver(Ag)	ND	1.0	1	500	5.0	6010B
Thallium(Tl)	ND	1.0	1	700	7.0	6010B
Vanadium(V)	14.6	5.0	1	2,400	24	6010B
Zinc(Zn)	32.8	0.5	1	5,000	250	6010B

#### COMMENTS

DF = Dilution Factor

PQL = Practical Quantitation Limit

Actual Detection Limit = PQL X DF

ND = Below the Actual Detection Limit or non-detected

TTLT = Total Threshold Limit Concentration

STLC = Soluble Threshold Limit Concentration

@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5

\* = STLC analysis for the metal is recommended (if marked)

\*\* = Additional Analysis required, please call to discuss (if marked)

\*\*\* = The concentration exceeds the TTLT Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

-- = Not analyzed/not requested

Data Reviewed and Approved by: 

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta
PROJECT NO.: 04-16-266-02

MATRIX:SOIL DATE RECEIVED:02/08/05
DATE SAMPLED:02/07/05 DATE ANALYZED:02/09-10/05
REPORT TO:Mr. SCOTT NUNES DATE REPORTED:02/15/05

SAMPLE I.D.: GP13-5 LAB I.D.: 050208-45

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: ELEMENT ANALYZED, SAMPLE RESULT, PQL, DF, TTLC LIMIT, STLC LIMIT, EPA METHOD. Lists various elements like Antimony, Arsenic, Barium, etc., with their respective values and limits.

COMMENTS

DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
\* = STLC analysis for the metal is recommended (if marked)
\*\* = Additional Analysis required, please call to discuss (if marked)
\*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

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LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta
PROJECT NO.: 04-16-266-02

MATRIX:SOIL DATE RECEIVED:02/08/05
DATE SAMPLED:02/07/05 DATE ANALYZED:02/09-10/05
REPORT TO:Mr. SCOTT NUNES DATE REPORTED:02/15/05

SAMPLE I.D.: GP13-15 LAB I.D.: 050208-47

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: ELEMENT ANALYZED, SAMPLE RESULT, PQL, DF, TTLC LIMIT, STLC LIMIT, EPA METHOD. Lists various elements like Antimony, Arsenic, Barium, etc., with their respective values and limits.

COMMENTS

DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
\* = STLC analysis for the metal is recommended (if marked)
\*\* = Additional Analysis required, please call to discuss (if marked)
\*\*\* = The concentration exceeds the TTLC Limit, and the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)
-- = Not analyzed/not requested

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX:SOIL

DATE RECEIVED:02/08/05

DATE SAMPLED:02/07/05

DATE ANALYZED:02/09-10/05

REPORT TO:Mr. SCOTT NUNES

DATE REPORTED:02/15/05

METHOD BLANK FOR LAB I.D.: 050208-37, -38, -40, -41, -45, -47

TOTAL THRESHOLD LIMIT CONCENTRATION ANALYSIS

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 7 columns: ELEMENT ANALYZED, SAMPLE RESULT, PQL, DF, TTLC LIMIT, STLC LIMIT, EPA METHOD. Rows include elements like Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Mercury, Molybdenum, Nickel, Selenium, Silver, Thallium, Vanadium, and Zinc.

COMMENTS

DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
@ = Must meet both the STLC Limit at 560 and EPA-TCLP Limit at 5
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-- = Not analyzed/not requested

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

# QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Lab I.D.: 050208-22~48 (6)

## Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE. : 02/09/2005

Unit: Mg/Kg (ppm)

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Copper (Cu)	050208-47	1.00	99	PASS	6.780	50.00	48.20	83%	46.60	80%	4%
Zinc (Zn)	050208-47	1.00	109	PASS	25.8	50.00	67.40	83%	66.00	80%	3%
LEAD (Pb)	050208-47	1.00	107	PASS	1.510	50.00	44.20	85%	41.80	81%	6%

ANALYSIS DATE. : 02/10/2005

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	050209-69	0.500	101	PASS	0	0.300	0.300	100%	0.296	99%	1%

## MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Copper (Cu)	PASS	PASS	PASS	PASS
LEAD (Pb)	PASS	PASS	PASS	PASS
Zinc (Zn)	PASS	PASS	PASS	PASS
MERCURY (Hg)	PASS	PASS	PASS	PASS
<b>Accepted Range%</b>	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: JOE SU

FINAL REVIEWER: \_\_\_\_\_

*CS*



## LABORATORY REPORT

CUSTOMER: **Converse Consultants**  
 10391 Corporate Drive, Redlands, CA 92734  
 Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: **La Crescenta**

PROJECT NO.: **04-16-266-02**

MATRIX: **SOIL**

DATE RECEIVED: **02/08/05**

DATE SAMPLED: **02/07/05**

DATE ANALYZED: **02/09/05**

REPORT TO: **Mr. SCOTT NUNES**

DATE REPORTED: **02/15/05**

SAMPLE I.D.: **GP16-2**

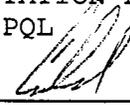
LAB I.D.: **050208-22**

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
 UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY: 

CAL-DHS CERTIFICATE # 1555

### LABORATORY REPORT

CUSTOMER: **Converse Consultants**  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: **La Crescenta**

PROJECT NO.: **04-16-266-02**

MATRIX: **SOIL**

DATE SAMPLED: **02/07/05**

REPORT TO: **Mr. SCOTT NUNES**

SAMPLE I.D.: **GP16-5**

DATE RECEIVED: **02/08/05**

DATE ANALYZED: **02/09/05**

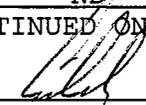
DATE REPORTED: **02/15/05**

LAB I.D.: **050208-23**

-----  
ANALYSIS: **VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2**  
UNIT: **MG/KG = MILLIGRAM PER KILOGRAM = PPM**

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROENZENE	ND	0.005
1,3-DICHLOROENZENE	ND	0.005
1,4-DICHLOROENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

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LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/08/05

DATE SAMPLED: 02/07/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/15/05

SAMPLE I.D.: GP16-5

LAB I.D.: 050208-23

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

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LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/07/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GP17-2

DATE RECEIVED: 02/08/05

DATE ANALYZED: 02/09/05

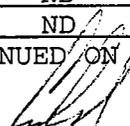
DATE REPORTED: 02/15/05

LAB I.D.: 050208-25

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROENZENE	ND	0.005
1,3-DICHLOROENZENE	ND	0.005
1,4-DICHLOROENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

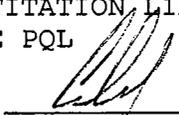
CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta  
PROJECT NO.: 04-16-266-02  
MATRIX: SOIL  
DATE SAMPLED: 02/07/05  
REPORT TO: Mr. SCOTT NUNES  
SAMPLE I.D.: GP17-2

DATE RECEIVED: 02/08/05  
DATE ANALYZED: 02/09/05  
DATE REPORTED: 02/15/05  
LAB I.D.: 050208-25

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT  
ND = NON-DETECTED OR BELOW THE PQL  
DATA REVIEWED AND APPROVED BY:   
CAL-DHS CERTIFICATE # 1555

### LABORATORY REPORT

CUSTOMER: **Converse Consultants**  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

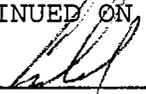
PROJECT NAME: **La Crescenta**  
PROJECT NO.: **04-16-266-02**  
MATRIX: **SOIL**  
DATE SAMPLED: **02/07/05**  
REPORT TO: **Mr. SCOTT NUNES**  
SAMPLE I.D.: **GP17-5**

DATE RECEIVED: **02/08/05**  
DATE ANALYZED: **02/09/05**  
DATE REPORTED: **02/15/05**  
LAB I.D.: **050208-26**

ANALYSIS: **VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2**  
UNIT: **MG/KG = MILLIGRAM PER KILOGRAM = PPM**

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROENZENE	ND	0.005
1,3-DICHLOROENZENE	ND	0.005
1,4-DICHLOROENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

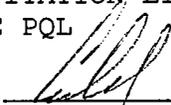
CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta  
PROJECT NO.: 04-16-266-02  
MATRIX: SOIL  
DATE SAMPLED: 02/07/05  
REPORT TO: Mr. SCOTT NUNES  
SAMPLE I.D.: GP17-5

DATE RECEIVED: 02/08/05  
DATE ANALYZED: 02/09/05  
DATE REPORTED: 02/15/05  
LAB I.D.: 050208-26

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT  
ND = NON-DETECTED OR BELOW THE PQL  
DATA REVIEWED AND APPROVED BY:   
CAL-DHS CERTIFICATE # 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/08/05

DATE SAMPLED: 02/07/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/15/05

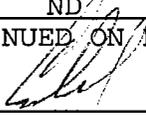
SAMPLE I.D.: GP18-2

LAB I.D.: 050208-28

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1, 2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1, 2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1, 2-DICHLOROENZENE	ND	0.005
1, 3-DICHLOROENZENE	ND	0.005
1, 4-DICHLOROENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1, 1-DICHLOROETHANE	ND	0.005
1, 2-DICHLOROETHANE	ND	0.005
1, 1-DICHLOROETHENE	ND	0.005
CIS-1, 2-DICHLOROETHENE	ND	0.005
TRANS-1, 2-DICHLOROETHENE	ND	0.005
1, 2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/08/05

DATE SAMPLED: 02/07/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/15/05

SAMPLE I.D.: GP18-2

LAB I.D.: 050208-28

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/08/05

DATE SAMPLED: 02/07/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/15/05

SAMPLE I.D.: GP18-5

LAB I.D.: 050208-29

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: \_\_\_\_\_

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX:SOIL

DATE RECEIVED:02/08/05

DATE SAMPLED:02/07/05

DATE ANALYZED:02/09/05

REPORT TO:Mr. SCOTT NUNES

DATE REPORTED:02/15/05

SAMPLE I.D.: GP18-5

LAB I.D.: 050208-29

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ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

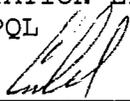
PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555

  
\_\_\_\_\_

### LABORATORY REPORT

CUSTOMER: **Converse Consultants**  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: **La Crescenta**

PROJECT NO.: **04-16-266-02**

MATRIX: **SOIL**

DATE SAMPLED: **02/07/05**

REPORT TO: **Mr. SCOTT NUNES**

SAMPLE I.D.: **GP19-2**

DATE RECEIVED: **02/08/05**

DATE ANALYZED: **02/09/05**

DATE REPORTED: **02/15/05**

LAB I.D.: **050208-31**

-----  
ANALYSIS: **VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2**  
UNIT: **MG/KG = MILLIGRAM PER KILOGRAM = PPM**

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROENZENE	ND	0.005
1,3-DICHLOROENZENE	ND	0.005
1,4-DICHLOROENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: \_\_\_\_\_

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta  
PROJECT NO.: 04-16-266-02  
MATRIX: SOIL  
DATE SAMPLED: 02/07/05  
REPORT TO: Mr. SCOTT NUNES  
SAMPLE I.D.: GP19-2

DATE RECEIVED: 02/08/05  
DATE ANALYZED: 02/09/05  
DATE REPORTED: 02/15/05  
LAB I.D.: 050208-31

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT  
ND = NON-DETECTED OR BELOW THE PQL  
DATA REVIEWED AND APPROVED BY:   
CAL-DHS CERTIFICATE # 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/08/05

DATE SAMPLED: 02/07/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/15/05

SAMPLE I.D.: GP19-5

LAB I.D.: 050208-32

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROENZENE	ND	0.005
1,3-DICHLOROENZENE	ND	0.005
1,4-DICHLOROENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/08/05

DATE SAMPLED: 02/07/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/15/05

SAMPLE I.D.: GP19-5

LAB I.D.: 050208-32

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

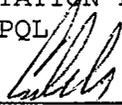
PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555





LABORATORY REPORT

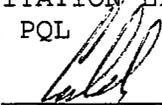
CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta  
PROJECT NO.: 04-16-266-02  
MATRIX: SOIL  
DATE SAMPLED: 02/07/05  
REPORT TO: Mr. SCOTT NUNES  
SAMPLE I.D.: GP20-2

DATE RECEIVED: 02/08/05  
DATE ANALYZED: 02/09/05  
DATE REPORTED: 02/15/05  
LAB I.D.: 050208-34

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT  
ND = NON-DETECTED OR BELOW THE PQL  
DATA REVIEWED AND APPROVED BY:   
CAL-DHS CERTIFICATE # 1555

### LABORATORY REPORT

CUSTOMER: **Converse Consultants**  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: **La Crescenta**

PROJECT NO.: **04-16-266-02**

MATRIX: **SOIL**

DATE RECEIVED: **02/08/05**

DATE SAMPLED: **02/07/05**

DATE ANALYZED: **02/10/05**

REPORT TO: **Mr. SCOTT NUNES**

DATE REPORTED: **02/15/05**

SAMPLE I.D.: **GP20-5**

LAB I.D.: **050208-35**

ANALYSIS: **VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2**

UNIT: **MG/KG = MILLIGRAM PER KILOGRAM = PPM**

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROENZENE	ND	0.005
1,3-DICHLOROENZENE	ND	0.005
1,4-DICHLOROENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: \_\_\_\_\_

### LABORATORY REPORT

CUSTOMER: **Converse Consultants**  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: **La Crescenta**

PROJECT NO.: **04-16-266-02**

MATRIX: **SOIL**

DATE SAMPLED: **02/07/05**

REPORT TO: **Mr. SCOTT NUNES**

SAMPLE I.D.: **GP20-5**

DATE RECEIVED: **02/08/05**

DATE ANALYZED: **02/10/05**

DATE REPORTED: **02/15/05**

LAB I.D.: **050208-35**

-----  
ANALYSIS: **VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2**  
UNIT: **MG/KG = MILLIGRAM PER KILOGRAM = PPM**

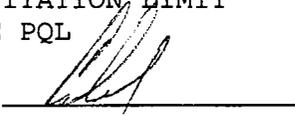
PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/08/05

DATE SAMPLED: 02/07/05

DATE ANALYZED: 02/10/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/15/05

SAMPLE I.D.: GP21-2

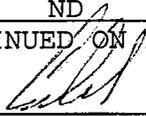
LAB I.D.: 050208-37

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	0.113	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROENZENE	ND	0.005
1,3-DICHLOROENZENE	ND	0.005
1,4-DICHLOROENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

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LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta  
PROJECT NO.: 04-16-266-02  
MATRIX: SOIL  
DATE SAMPLED: 02/07/05  
REPORT TO: Mr. SCOTT NUNES  
SAMPLE I.D.: GP21-2

DATE RECEIVED: 02/08/05  
DATE ANALYZED: 02/10/05  
DATE REPORTED: 02/15/05  
LAB I.D.: 050208-37

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT  
ND = NON-DETECTED OR BELOW THE PQL  
DATA REVIEWED AND APPROVED BY:   
CAL-DHS CERTIFICATE # 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/07/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GP21-5

DATE RECEIVED: 02/08/05

DATE ANALYZED: 02/10/05

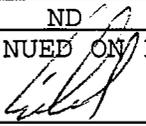
DATE REPORTED: 02/15/05

LAB I.D.: 050208-38

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROENZENE	ND	0.005
1,3-DICHLOROENZENE	ND	0.005
1,4-DICHLOROENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

### LABORATORY REPORT

CUSTOMER: **Converse Consultants**  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: **La Crescenta**

PROJECT NO.: **04-16-266-02**

MATRIX: **SOIL**

DATE RECEIVED: **02/08/05**

DATE SAMPLED: **02/07/05**

DATE ANALYZED: **02/10/05**

REPORT TO: **Mr. SCOTT NUNES**

DATE REPORTED: **02/15/05**

SAMPLE I.D.: **GP21-5**

LAB I.D.: **050208-38**

ANALYSIS: **VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2**  
UNIT: **MG/KG = MILLIGRAM PER KILOGRAM = PPM**

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



### METHOD BLANK REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/08/05

DATE SAMPLED: 02/07/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/15/05

-----  
METHOD BLANK FOR LAB I.D.:

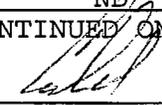
050208-22, -23, -25, -26, -28, -29, -31, -32, -34, -35, -37, -38  
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ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,3-DICHLOROETHANE	ND	0.005
1,4-DICHLOROETHANE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/08/05

DATE SAMPLED: 02/07/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/15/05

METHOD BLANK FOR LAB I.D.:

050208-22, -23, -25, -26, -28, -29, -31, -32, -34, -35, -37, -38

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

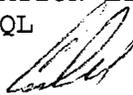
PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



**Enviro-Chem, Inc.**

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905

Fax (909)590-5907

**8260B QA/QC Report**

Date Analyzed: 2/9-10/2005

Matrix: Solid/Sludge

Machine: A

Unit: mg/Kg (PPM)

**Matrix Spike (MS)/Matrix Spike Duplicate (MSD)**

Spiked Sample Lab I.D.: 050207-74

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.052	103%	0.053	105%	2%	75-125	0-20
Chlorobenzene	0	0.050	0.053	106%	0.054	107%	2%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.040	80%	0.041	83%	3%	75-125	0-20
Toluene	0	0.050	0.049	97%	0.049	98%	1%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.047	94%	0.044	89%	5%	75-125	0-20

**Lab Control Spike (LCS):**

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.054	108%	75-125
Chlorobenzene	0.050	0.054	108%	75-125
Chloroform	0.050	0.048	96%	75-125
1,1-Dichloroethene	0.050	0.045	91%	75-125
Ethylbenzene	0.050	0.051	102%	75-125
o-Xylene	0.050	0.054	108%	75-125
m,p-Xylene	0.100	0.103	103%	75-125
Toluene	0.050	0.054	108%	75-125
1,1,1-Trichloroethane	0.050	0.047	94%	75-125
Trichloroethene (TCE)	0.050	0.047	93%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.				0207-56	0207-66	0207-68	0207-70	0207-71	0207-72
Dibromofluoromethane	50.0	70-130	91%	87%	98%	97%	93%	93%	85%
Toluene-d8	50.0	70-130	105%	110%	76%	82%	97%	96%	128%
4-Bromofluorobenzene	50.0	70-130	101%	110%	70%	68*	95%	95%	147*

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			0207-74	0208-22	0208-23	0208-25	0208-26	0208-28	0208-29
Dibromofluoromethane	50.0	70-130	96%	91%	95%	95%	97%	92%	96%
Toluene-d8	50.0	70-130	96%	105%	96%	95%	103%	106%	113%
4-Bromofluorobenzene	50.0	70-130	95%	104%	94%	92%	100%	100%	106%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			0208-30	0208-31	0208-32	0208-34	0208-35	0208-37	0208-38
Dibromofluoromethane	50.0	70-130	97%	96%	96%	95%	78%	93%	92%
Toluene-d8	50.0	70-130	104%	101%	100%	101%	109%	99%	108%
4-Bromofluorobenzene	50.0	70-130	106%	84%	93%	95%	67*	94%	104%

\* = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.

S.R. = Sample Results

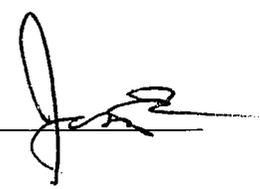
%RC = Percent Recovery

spk conc = Spike Concentration

ACP %RC = Accepted Percent Recovery

MS = Matrix Spike

MSD = Matrix Spike Duplicate

Analyzed/Reviewed By: 

Final Reviewer: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/07/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GP21-15

DATE RECEIVED: 02/08/05

DATE ANALYZED: 02/10/05

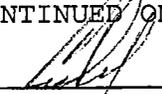
DATE REPORTED: 02/15/05

LAB I.D.: 050208-40

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY:  \_\_\_\_\_

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/07/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GP21-15

DATE RECEIVED: 02/08/05

DATE ANALYZED: 02/10/05

DATE REPORTED: 02/15/05

LAB I.D.: 050208-40

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/07/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GP21-20

DATE RECEIVED: 02/08/05

DATE ANALYZED: 02/10/05

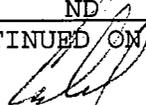
DATE REPORTED: 02/15/05

LAB I.D.: 050208-41

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/07/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GP21-20

DATE RECEIVED: 02/08/05

DATE ANALYZED: 02/10/05

DATE REPORTED: 02/15/05

LAB I.D.: 050208-41

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/07/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GP23-2

DATE RECEIVED: 02/08/05

DATE ANALYZED: 02/10/05

DATE REPORTED: 02/15/05

LAB I.D.: 050208-42

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

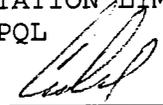
CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta  
PROJECT NO.: 04-16-266-02  
MATRIX: SOIL  
DATE SAMPLED: 02/07/05  
REPORT TO: Mr. SCOTT NUNES  
SAMPLE I.D.: GP23-2

DATE RECEIVED: 02/08/05  
DATE ANALYZED: 02/10/05  
DATE REPORTED: 02/15/05  
LAB I.D.: 050208-42

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT  
ND = NON-DETECTED OR BELOW THE PQL  
DATA REVIEWED AND APPROVED BY:   
CAL-DHS CERTIFICATE # 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
 10391 Corporate Drive, Redlands, CA 92734  
 Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/08/05

DATE SAMPLED: 02/07/05

DATE ANALYZED: 02/10/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/15/05

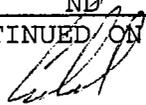
SAMPLE I.D.: GP23-5

LAB I.D.: 050208-43

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2  
 UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX:SOIL

DATE RECEIVED:02/08/05

DATE SAMPLED:02/07/05

DATE ANALYZED:02/10/05

REPORT TO:Mr. SCOTT NUNES

DATE REPORTED:02/15/05

SAMPLE I.D.: GP23-5

LAB I.D.: 050208-43

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/08/05

DATE SAMPLED: 02/07/05

DATE ANALYZED: 02/10/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/15/05

SAMPLE I.D.: GP13-5

LAB I.D.: 050208-45

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROENZENE	ND	0.005
1,3-DICHLOROENZENE	ND	0.005
1,4-DICHLOROENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/07/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GP13-5

DATE RECEIVED: 02/08/05

DATE ANALYZED: 02/10/05

DATE REPORTED: 02/15/05

LAB I.D.: 050208-45

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

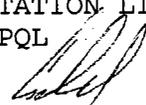
PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta  
PROJECT NO.: 04-16-266-02  
MATRIX: SOIL  
DATE SAMPLED: 02/07/05  
REPORT TO: Mr. SCOTT NUNES  
SAMPLE I.D.: GP13-15

DATE RECEIVED: 02/08/05  
DATE ANALYZED: 02/10/05  
DATE REPORTED: 02/15/05  
LAB I.D.: 050208-47

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: \_\_\_\_\_

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/07/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GP13-15

DATE RECEIVED: 02/08/05

DATE ANALYZED: 02/10/05

DATE REPORTED: 02/15/05

LAB I.D.: 050208-47

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



METHOD BLANK REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/08/05

DATE SAMPLED: 02/07/05

DATE ANALYZED: 02/10/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/15/05

METHOD BLANK FOR LAB I.D.: 050208-40, -41, -42, -43, -45, -47

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 1 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
ACETONE	ND	0.020
BENZENE	ND	0.005
BROMOBENZENE	ND	0.005
BROMOCHLOROMETHANE	ND	0.005
BROMODICHLOROMETHANE	ND	0.005
BROMOFORM	ND	0.005
BROMOMETHANE	ND	0.005
2-BUTANONE (MEK)	ND	0.020
N-BUTYLBENZENE	ND	0.005
SEC-BUTYLBENZENE	ND	0.005
TERT-BUTYLBENZENE	ND	0.005
CARBON DISULFIDE	ND	0.010
CARBON TETRACHLORIDE	ND	0.005
CHLOROBENZENE	ND	0.005
CHLOROETHANE	ND	0.005
CHLOROFORM	ND	0.005
CHLOROMETHANE	ND	0.005
2-CHLOROTOLUENE	ND	0.005
4-CHLOROTOLUENE	ND	0.005
DIBROMOCHLOROMETHANE	ND	0.005
1,2-DIBROMO-3-CHLOROPROPANE	ND	0.005
1,2-DIBROMOETHANE	ND	0.005
DIBROMOMETHANE	ND	0.005
1,2-DICHLOROBENZENE	ND	0.005
1,3-DICHLOROBENZENE	ND	0.005
1,4-DICHLOROBENZENE	ND	0.005
DICHLORODIFLUOROMETHANE	ND	0.005
1,1-DICHLOROETHANE	ND	0.005
1,2-DICHLOROETHANE	ND	0.005
1,1-DICHLOROETHENE	ND	0.005
CIS-1,2-DICHLOROETHENE	ND	0.005
TRANS-1,2-DICHLOROETHENE	ND	0.005
1,2-DICHLOROPROPANE	ND	0.005

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: \_\_\_\_\_

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE RECEIVED: 02/08/05

DATE SAMPLED: 02/07/05

DATE ANALYZED: 02/10/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/15/05

METHOD BLANK FOR LAB I.D.: 050208-40, -41, -42, -43, -45, -47

ANALYSIS: VOLATILE ORGANICS, EPA METHOD 5035/8260B, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

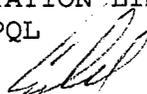
PARAMETER	SAMPLE RESULT	PQL X1
1,3-DICHLOROPROPANE	ND	0.005
2,2-DICHLOROPROPANE	ND	0.005
1,1-DICHLOROPROPENE	ND	0.005
CIS-1,3-DICHLOROPROPENE	ND	0.005
TRANS-1,3-DICHLOROPROPENE	ND	0.005
ETHYLBENZENE	ND	0.005
2-HEXANONE	ND	0.020
HEXACHLOROBUTADIENE	ND	0.005
ISOPROPYLBENZENE	ND	0.005
4-ISOPROPYLTOLUENE	ND	0.005
4-METHYL-2-PENTANONE (MIBK)	ND	0.020
METHYL tert-BUTYL ETHER (MTBE)	ND	0.005
METHYLENE CHLORIDE	ND	0.010
NAPHTHALENE	ND	0.005
N-PROPYLBENZENE	ND	0.005
STYRENE	ND	0.005
1,1,1,2-TETRACHLOROETHANE	ND	0.005
1,1,2,2-TETRACHLOROETHANE	ND	0.005
TETRACHLOROETHENE (PCE)	ND	0.005
TOLUENE	ND	0.005
1,2,3-TRICHLOROBENZENE	ND	0.005
1,2,4-TRICHLOROBENZENE	ND	0.005
1,1,1-TRICHLOROETHANE	ND	0.005
1,1,2-TRICHLOROETHANE	ND	0.005
TRICHLOROETHENE (TCE)	ND	0.005
TRICHLOROFLUOROMETHANE	ND	0.005
1,2,3-TRICHLOROPROPANE	ND	0.005
1,2,4-TRIMETHYLBENZENE	ND	0.005
1,3,5-TRIMETHYLBENZENE	ND	0.005
VINYL CHLORIDE	ND	0.005
M/P-XYLENE	ND	0.010
O-XYLENE	ND	0.005

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905

Fax (909)590-5907

8260B QA/QC Report

Date Analyzed: 2/10/05

Machine: A

Matrix: Solid/Sludge

Unit: mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 050209-03

Analyte	S.R.	spk conc	MS	%RC	MSD	%RC	%RPD	ACP %RC	ACP RPD
Benzene	0	0.050	0.058	115%	0.057	114%	1%	75-125	0-20
Chlorobenzene	0	0.050	0.054	107%	0.055	110%	3%	75-125	0-20
1,1-Dichloroethene	0	0.050	0.043	86%	0.045	90%	5%	75-125	0-20
Toluene	0	0.050	0.056	113%	0.056	112%	1%	75-125	0-20
Trichloroethene (TCE)	0	0.050	0.042	83%	0.048	95%	12%	75-125	0-20

Lab Control Spike (LCS):

Analyte	spk conc	LCS	%RC	ACP %RC
Benzene	0.050	0.049	99%	75-125
Chlorobenzene	0.050	0.054	108%	75-125
Chloroform	0.050	0.047	95%	75-125
1,1-Dichloroethene	0.050	0.043	87%	75-125
Ethylbenzene	0.050	0.050	100%	75-125
o-Xylene	0.050	0.050	100%	75-125
m,p-Xylene	0.100	0.096	96%	75-125
Toluene	0.050	0.051	101%	75-125
1,1,1-Trichloroethane	0.050	0.040	81%	75-125
Trichloroethene (TCE)	0.050	0.047	94%	75-125

Surrogate Recovery	spk conc	ACP %RC	MB %RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.				0208-40	0208-41	0208-42	0208-43	0208-45	0208-47
Dibromofluoromethane	50.0	70-130	93%	98%	71%	64*	92%	71%	96%
Toluene-d8	50.0	70-130	101%	102%	117%	125%	99%	116%	84%
4-Bromofluorobenzene	50.0	70-130	104%	106%	109%	97%	97%	71%	78%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			0209-03	0209-04	0209-05	0209-06	0209-07	0209-08	0209-09
Dibromofluoromethane	50.0	70-130	89%	89%	93%	87%	93%	90%	92%
Toluene-d8	50.0	70-130	98%	95%	110%	110%	99%	104%	99%
4-Bromofluorobenzene	50.0	70-130	90%	83%	115%	108%	102%	103%	99%

Surrogate Recovery	spk conc	ACP %RC	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			0209-10	0209-11	0209-12	0209-13	0209-14		
Dibromofluoromethane	50.0	70-130	93%	94%	90%	89%	87%		
Toluene-d8	50.0	70-130	101%	106%	104%	109%	109%		
4-Bromofluorobenzene	50.0	70-130	100%	111%	103%	108%	112%		

\* = Surrogate fail due to matrix interference; LCS, MS, MSD are in control therefore the analysis is in control.

S.R. = Sample Results

%RC = Percent Recovery

spk conc = Spike Concentration

ACP %RC = Accepted Percent Recovery

MS = Matrix Spike

MSD = Matrix Spike Duplicate

Analyzed/Reviewed By: 

Final Reviewer: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta
PROJECT NO.: 04-16-266-02
MATRIX: SOIL
DATE SAMPLED: 02/07/05
REPORT TO: Mr. SCOTT NUNES
SAMPLE I.D.: GP21-2

DATE RECEIVED: 02/08/05
DATE EXTRACTED: 02/09/05
DATE ANALYZED: 02/09/05
DATE REPORTED: 02/15/05
LAB I.D.: 050208-37

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 3 columns: PARAMETER, SAMPLE RESULT, PQL X1. Lists various organic compounds and their results (mostly ND) against a PQL of 0.50.

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: [Signature]

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants
10391 Corporate Drive, Redlands, CA 92734
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta
PROJECT NO.: 04-16-266-02
MATRIX: SOIL
DATE SAMPLED: 02/07/05
REPORT TO: Mr. SCOTT NUNES
SAMPLE I.D.: GP21-2

DATE RECEIVED: 02/08/05
DATE EXTRACTED: 02/09/05
DATE ANALYZED: 02/09/05
DATE REPORTED: 02/15/05
LAB I.D.: 050208-37

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

Table with 3 columns: PARAMETER, SAMPLE RESULT, PQL X1. Lists various organic compounds and their results (mostly ND) against a PQL of 0.50.

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT
ND = NON-DETECTED OR BELOW THE PQL
DATA REVIEWED AND APPROVED BY: [Signature]
CAL-DHS CERTIFICATE # 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/07/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GP21-5

DATE RECEIVED: 02/08/05

DATE EXTRACTED: 02/09/05

DATE ANALYZED: 02/09/05

DATE REPORTED: 02/15/05

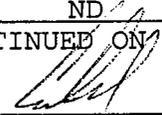
LAB I.D.: 050208-38

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	0.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta  
PROJECT NO.: 04-16-266-02  
MATRIX: SOIL  
DATE SAMPLED: 02/07/05  
REPORT TO: Mr. SCOTT NUNES  
SAMPLE I.D.: GP21-5

DATE RECEIVED: 02/08/05  
DATE EXTRACTED: 02/09/05  
DATE ANALYZED: 02/09/05  
DATE REPORTED: 02/15/05  
LAB I.D.: 050208-38

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2  
UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Dimethyl Phthalate	ND	0.50
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3-Methyl Phenol	ND	0.50
4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT  
ND = NON-DETECTED OR BELOW THE PQL  
DATA REVIEWED AND APPROVED BY:   
CAL-DHS CERTIFICATE # 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/07/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GP21-15

DATE RECEIVED: 02/08/05

DATE EXTRACTED: 02/09/05

DATE ANALYZED: 02/09/05

DATE REPORTED: 02/15/05

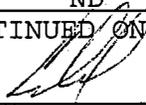
LAB I.D.: 050208-40

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzo (a) anthracene	ND	0.50
Benzo (b) fluoranthene	ND	0.50
Benzo (a) pyrene	ND	0.50
Benzo (g, h, i) perylene	ND	0.50
Benzo (k) fluoranthene	ND	0.50
Benzoic Acid	ND	0.50
Benzyl Alcohol	ND	0.50
Bis (2-Chloroethoxy) methane	ND	0.50
Bis (2-Chloroethyl) ether	ND	0.50
Bis (2-Chloroisopropyl) ether	ND	0.50
Bis (2-Ethylhexyl) Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo (a, h) anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/07/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GP21-15

DATE RECEIVED: 02/08/05

DATE EXTRACTED: 02/09/05

DATE ANALYZED: 02/09/05

DATE REPORTED: 02/15/05

LAB I.D.: 050208-40

-----  
SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

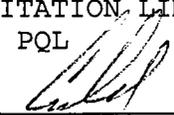
PARAMETER	SAMPLE RESULT	PQL X1
Dimethyl Phthalate	ND	0.50
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3-Methyl Phenol	ND	0.50
4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/07/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GP21-20

DATE RECEIVED: 02/08/05

DATE EXTRACTED: 02/09/05

DATE ANALYZED: 02/10/05

DATE REPORTED: 02/15/05

LAB I.D.: 050208-41

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzo (a) anthracene	ND	0.50
Benzo (b) fluoranthene	ND	0.50
Benzo (a) pyrene	ND	0.50
Benzo (g, h, i) perylene	ND	0.50
Benzo (k) fluoranthene	ND	0.50
Benzoic Acid	ND	0.50
Benzyl Alcohol	ND	0.50
Bis (2-Chloroethoxy) methane	ND	0.50
Bis (2-Chloroethyl) ether	ND	0.50
Bis (2-Chloroisopropyl) ether	ND	0.50
Bis (2-Ethylhexyl) Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo (a, h) anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/07/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GP21-20

DATE RECEIVED: 02/08/05

DATE EXTRACTED: 02/09/05

DATE ANALYZED: 02/10/05

DATE REPORTED: 02/15/05

LAB I.D.: 050208-41

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

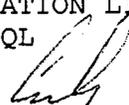
PARAMETER	SAMPLE RESULT	PQL X1
Dimethyl Phthalate	ND	0.50
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3-Methyl Phenol	ND	0.50
4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/07/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GP13-5

DATE RECEIVED: 02/08/05

DATE EXTRACTED: 02/09/05

DATE ANALYZED: 02/10/05

DATE REPORTED: 02/15/05

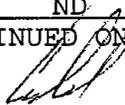
LAB I.D.: 050208-45

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	0.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl) ether	ND	0.50
Bis(2-Chloroisopropyl) ether	ND	0.50
Bis(2-Ethylhexyl) Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants

10391 Corporate Drive, Redlands, CA 92734

Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX:SOIL

DATE SAMPLED:02/07/05

REPORT TO:Mr. SCOTT NUNES

SAMPLE I.D.: GP13-5

DATE RECEIVED:02/08/05

DATE EXTRACTED:02/09/05

DATE ANALYZED:02/10/05

DATE REPORTED:02/15/05

LAB I.D.: 050208-45

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Dimethyl Phthalate	ND	0.50
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3-Methyl Phenol	ND	0.50
4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/07/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GP13-15

DATE RECEIVED: 02/08/05

DATE EXTRACTED: 02/09/05

DATE ANALYZED: 02/10/05

DATE REPORTED: 02/15/05

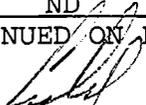
LAB I.D.: 050208-47

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	0.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/07/05

REPORT TO: Mr. SCOTT NUNES

SAMPLE I.D.: GP13-15

DATE RECEIVED: 02/08/05

DATE EXTRACTED: 02/09/05

DATE ANALYZED: 02/10/05

DATE REPORTED: 02/15/05

LAB I.D.: 050208-47

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

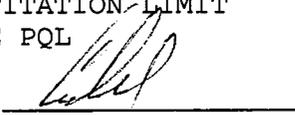
PARAMETER	SAMPLE RESULT	PQL X1
Dimethyl Phthalate	ND	0.50
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3-Methyl Phenol	ND	0.50
4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Converse Consultants

10391 Corporate Drive, Redlands, CA 92734

Tel(909)796-0544 Fax(909)796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

DATE RECEIVED: 02/08/05

MATRIX: SOIL

DATE EXTRACTED: 02/09/05

DATE SAMPLED: 02/07/05

DATE ANALYZED: 02/09/05

REPORT TO: Mr. SCOTT NUNES

DATE REPORTED: 02/15/05

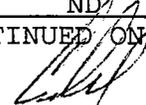
METHOD BLANK FOR LAB I.D.: 050208-37, -38, -40, -41, -45, -47

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 1 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

PARAMETER	SAMPLE RESULT	PQL X1
Acenaphthene	ND	0.50
Acenaphthylene	ND	0.50
Anthracene	ND	0.50
Benzo(a)anthracene	ND	0.50
Benzo(b)fluoranthene	ND	0.50
Benzo(a)pyrene	ND	0.50
Benzo(g,h,i)perylene	ND	0.50
Benzo(k)fluoranthene	ND	0.50
Benzoic Acid	ND	0.50
Benzyl Alcohol	ND	0.50
Bis(2-Chloroethoxy)methane	ND	0.50
Bis(2-Chloroethyl)ether	ND	0.50
Bis(2-Chloroisopropyl)ether	ND	0.50
Bis(2-Ethylhexyl)Phthalate	ND	0.50
4-Bromophenyl Phenyl Ether	ND	0.50
Butylbenzylphthalate	ND	0.50
4-Chloro-3-Methylphenol	ND	0.50
4-Chloroaniline	ND	0.50
2-Chloronaphthalene	ND	0.50
2-Chlorophenol	ND	0.50
4-Chlorophenyl Phenyl Ether	ND	0.50
Chrysene	ND	0.50
Di-n-butylphthalate	ND	0.50
Di-n-octylphthalate	ND	0.50
Dibenzo(a,h)anthracene	ND	0.50
Dibenzofuran	ND	0.50
1,2-Dichlorobenzene	ND	0.50
1,3-Dichlorobenzene	ND	0.50
1,4-Dichlorobenzene	ND	0.50
3,3-Dichlorobenzidine	ND	0.50
2,4-Dichlorophenol	ND	0.50
Diethyl Phthalate	ND	0.50
2,4-Dimethylphenol	ND	0.50
Dimethyl Phthalate	ND	0.50

----- TO BE CONTINUED ON PAGE #2 -----

DATA REVIEWED AND APPROVED BY: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Converse Consultants  
10391 Corporate Drive, Redlands, CA 92734  
Tel (909) 796-0544 Fax (909) 796-7675

PROJECT NAME: La Crescenta

PROJECT NO.: 04-16-266-02

MATRIX: SOIL

DATE SAMPLED: 02/07/05

REPORT TO: Mr. SCOTT NUNES

DATE RECEIVED: 02/08/05

DATE EXTRACTED: 02/09/05

DATE ANALYZED: 02/09/05

DATE REPORTED: 02/15/05

METHOD BLANK FOR LAB I.D.: 050208-37, -38, -40, -41, -45, -47

SEMI-VOLATILE ORGANICS, EPA 8270C, PAGE 2 OF 2

UNIT: MG/KG = MILLIGRAM PER KILOGRAM = PPM

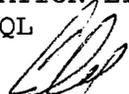
PARAMETER	SAMPLE RESULT	PQL X1
Dimethyl Phthalate	ND	0.50
4,6-Dinitro-2-methylphenol	ND	0.50
2,4-Dinitrophenol	ND	0.50
2,4-Dinitrotoluene	ND	0.50
2,6-Dinitrotoluene	ND	0.50
Fluoranthene	ND	0.50
Fluorene	ND	0.50
Hexachlorobenzene	ND	0.50
Hexachlorobutadiene	ND	0.50
Hexachlorocyclopentadiene	ND	0.50
Hexachloroethane	ND	0.50
Indeno(1,2,3-cd)pyrene	ND	0.50
Isophorone	ND	0.50
2-Methyl Phenol	ND	0.50
3-Methyl Phenol	ND	0.50
4-Methyl Phenol	ND	0.50
2-Methylnaphthalene	ND	0.50
N-Nitroso-di-n-dipropylamine	ND	0.50
N-Nitrosodimethylamine	ND	0.50
N-Nitrosodiphenylamine	ND	0.50
Naphthalene	ND	0.50
2-Nitroaniline	ND	0.50
3-Nitroaniline	ND	0.50
4-Nitroaniline	ND	0.50
Nitrobenzene	ND	0.50
2-Nitrophenol	ND	0.50
4-Nitrophenol	ND	0.50
Pentachlorophenol	ND	0.50
Phenanthrene	ND	0.50
Phenol	ND	0.50
Pyrene	ND	0.50
1,2,4-Trichlorobenzene	ND	0.50
2,4,5-Trichlorophenol	ND	0.50
2,4,6-Trichlorophenol	ND	0.50

COMMENTS PQL = PRACTICAL QUANTITATION LIMIT

ND = NON-DETECTED OR BELOW THE PQL

DATA REVIEWED AND APPROVED BY:

CAL-DHS CERTIFICATE # 1555



Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

# 8270 QA/QC Report

Matrix: **Soil/Sludge**

Unit: mg/Kg (PPM)

Date Analyzed: 2/9-2/10/2005

## Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **050209-LCS1/2**

Analyte	SR	spk conc	MS	%MS	MSD	%MSD	%RPD	ACP %MS	ACP RPD
Phenol	0.0	80.0	58.0	73%	58.0	73%	0%	50-150	0-20
Pyrene	0.0	80.0	86.0	108%	87.0	109%	1%	50-150	0-20

## Laboratory Control Spike (LCS):

Analyte	spk conc	LCS	% RC	ACP %RC
Phenol	4.0	3.95	99%	75-125
1,4-Dichlorobenzene	4.0	4.24	106%	75-125
2,4-Dichlorophenol	4.0	3.40	85%	75-125
Hechachlorobutadiene	4.0	4.56	114%	75-125
4-Chloro-3-methylphenol	4.0	3.76	94%	75-125
Fluoranthene	4.0	4.76	119%	75-125

Surrogate Recovery	spk conc	ACP%	%RC	%RC	%RC	%RC	%RC	%RC	%RC
Sample I.D.			MB	050208-37	050208-38	050208-40	050208-41	050208-45	050208-47
2-Fluorophenol	80	25-121	70%	67%	69%	67%	69%	67%	64%
Phenol-d5	80	24-113	48%	47%	49%	46%	47%	45%	43%
Nitrobenzene-d5	80	23-120	66%	66%	65%	64%	63%	62%	59%
2-Fluorobiphenyl	80	30-115	95%	95%	97%	97%	98%	96%	95%
2,4,6-Tribromophenol	80	19-122	93%	53%	35%	22%	29%	46%	83%
Terphenyl-d14	80	18-137	47%	43%	38%	41%	18%	20%	57%

Surrogate Recovery	spk conc	ACP%	%RC						
Sample I.D.									
2-Fluorophenol	80	25-121							
Phenol-d5	80	24-113							
Nitrobenzene-d5	80	23-120							
2-Fluorobiphenyl	80	30-115							
2,4,6-Tribromophenol	80	19-122							
Terphenyl-d14	80	18-137							

Surrogate Recovery	spk conc	ACP%	%RC						
Sample I.D.									
2-Fluorophenol	80	25-121							
Phenol-d5	80	24-113							
Nitrobenzene-d5	80	23-120							
2-Fluorobiphenyl	80	30-115							
2,4,6-Tribromophenol	80	19-122							
Terphenyl-d14	80	18-137							

\* = Surrogate fail due to matrix interference

Note: LCS, MS, MSD are in control therefore results are in control.

Analyzed and Reviewed By: Alw

Final Reviewer: ad

**Enviro-Chem, Inc. Laboratories**

1214 E. Lexington Avenue,

Pomona, CA 91766

Tel: (909) 590-5905 Fax: (909) 590-5907

CA-DHS ELAP CERTIFICATE # 1555

**Turnaround Time**

- Same Day
- 24 Hours
- 48 Hours
- 72 Hours
- 1 Week (Standard)
- Other:

MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	8260 VOC	8015 TPH	8270 SVOC	6010 AM	8092 METALS	8092 PCB'S	ARCHIVE	Misc. *ALL ARCHIVES SAMPLES ANALYZED ONLY
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SAMPLE ID	LAB ID	SAMPLING DATE TIME		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required										COMMENTS		
		DATE	TIME																	
6P16 - 2	050208-22	2/7/05	7:35	SOIL	1		ICE	X	X											
↓ 5	-23		7:40					X	X											
↓ 10*	-24		7:45																	X
6P17 2	-25		7:55					X	X											
↓ 5	-26		8:00					X	X											
↓ 10*	-27		8:05																	X
6P18 - 2	-28		9:05					X	X											
↓ 5	-29		9:10					X	X											
↓ 10*	-30		9:15																	X
6P19 2	-31		9:25					X	X											
↓ 5	-32		9:30					X	X											
↓ 10*	-33		9:35																	X
6P20 - 2	-34		9:40					X	X											
↓ 5	-35		9:45					X	X											
↓ 10*	-36		9:50																	X

Company Name: <u>Converse Consulting</u>	Project Contact: <u>Scott Nunez / LAMAR</u>	Sampler's Signature: <u>[Signature]</u>
Address: <u>10391 Corporate Dr.</u>	Tel: <u>909-796-0544 / 930-1267</u>	Project Name/ID: <u>04-16-266-02</u>
City/State/Zip: <u>Redlands CA 92374</u>	Fax: <u>909-796-7675 / 930-1212</u>	

Relinquished by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date & Time: <u>2/8/05 1045</u>	Instructions for Sample Storage After Analysis: <input type="checkbox"/> Dispose of <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Store (30 Days) <input type="checkbox"/> Other:
Relinquished by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date & Time: <u>2/8/05 1200</u>	
Relinquished by:	Received by:	Date & Time:	

**CHAIN OF CUSTODY RECORD**

**Enviro-Chem, Inc. Laboratories**

1214 E. Lexington Avenue,  
Pomona, CA 91766

Tel: (909) 590-5905 Fax: (909) 590-5907

CA-DHS ELAP CERTIFICATE # 1555

**Turnaround Time**

- Same Day
- 24 Hours
- 48 Hours
- 72 Hours
- 1 Week (Standard)
- Other:

MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	B260 VOL	B015 TPH	B270 SVOL	6010 GM	B080 PERBLS	B015 Gasoline	E-Coil	ARCHIVE	Misc. # ARCHIVE samples are 1 Sleeve only
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SAMPLE ID	LAB ID	SAMPLING DATE TIME		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required										COMMENTS				
		DATE	TIME					1	2	3	4	5	6	7	8	9	10		11	12		
6P21 - 2	050208 -37	2/7/05	8:15	Soil	1		Ice	X	X	X	X	X										
↓	5		8:20					X	X	X	X	X										
↓	10		8:25					<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>	<del>X</del>									X	
↓	15		8:30					X	X	X	X	X										
↓	20		8:45					X	X	X	X	X										
6P23 - 2	-42		10:05					X	X													
↓	5		10:10					X	X													
↓	10		10:15																			X
6P13 - 5	-45		10:50					X	X	X	X	X	X	X								
↓	10		10:53																			X
↓	15		11:00					X	X	X	X	X	X	X								
↓	20		11:15																			X

Company Name: <b>Converse Consultants</b>	Project Contact: <b>Scott Nunez / LA 1010</b>	Sampler's Signature: <i>[Signature]</i>
Address: <b>10391 Corporate Dr.</b>	Tel: <b>909-796-0544 / 930-1267</b>	Project Name/ID: <b>04-16-268-02</b>
City/State/Zip: <b>Redlands, CA 92374</b>	Fax: <b>909-796-7675 / 930-1212</b>	

Relinquished by: <i>[Signature]</i>	Received by: <i>[Signature]</i>	Date & Time: <b>2/8/05 10:45</b>	Instructions for Sample Storage After Analysis: <input type="checkbox"/> Dispose of <input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Store (30 Days) <input type="checkbox"/> Other:
Relinquished by: <i>[Signature]</i>	Received by: <i>[Signature]</i>	Date & Time: <b>2/8/05 1200</b>	
Relinquished by:	Received by:	Date & Time:	

**CHAIN OF CUSTODY RECORD**

**APPENDIX D**

**APPENDIX D**

**HEALTH AND SAFETY PLAN**

## SITE SAFETY AND HEALTH PLAN

CLIENT:.....David Evans and Associates  
CLIENT CONTACT: ..... Ms. Josephine Alida / Mr. Salvatore Pecora  
PHONE #:.....(909) 481-5755 / (626) 300-2332  
PROJECT NO: ..... 04-16-266-02

SITE NAME: ..... Proposed La Crescenta Library  
SITE ADDRESS: ..... 2801 – 2813 Foothill Boulevard  
La Crescenta, California

SITE CONTACT: ..... Salvatore Pecora  
PHONE #:..... (626) 300-2332  
THOM BROS CO-OR:.....LA 534-G1  
DATE: .....February 4, 2005  
SSHP EXPIRATION: ..... September 4, 2005

PRINCIPAL:.....Norman Eke  
PROJECT MANAGER:.....Scott Nunes / Glenn Lauman  
SUBCONTRACTOR:.....Subsurface Surveys  
..... Interphase Drilling

### DISCLAIMER

This Site Safety and Health Plan has been written for the use of Converse Consultants (Converse) and its employees. It may also be used as a guidance document by properly trained and experienced Converse subcontractors. However, Converse does not guarantee the health or safety of any person entering this site.

Due to the nature of this site and the activity occurring thereon, it is not possible to discover, evaluate, and provide protection for all possible hazards which may be encountered. Strict adherence to the health and safety guidelines set forth herein will reduce, but not eliminate, the potential for injury on the site. The health and safety guidelines in this plan were prepared specifically for this site and should not be used on any other site without prior research by trained health and safety specialists.

All personnel participating in the field must be trained in the general and specific hazards unique to the job and, if applicable, participate in a medical surveillance program.

Converse claims no responsibility for use of this plan by others. The plan is written for the specific site conditions, purposes, dates, and personnel specified and must be amended if these conditions change.

I. Site History and Project Information

A) Facility Site Description:

The subject site is located at 2801 to 2813 Foothill Boulevard in the City of La Crescenta, California. The property at 2801 was a Shell Gas Station, then an ARCO Gas station, an independent gas station with mini market, and is currently an auto repair facility. Underground storage tanks were reportedly removed in 1994. Figure No. 1 depicts the general site location. Figure No. 2 depicts the general area of the Underground Storage Tanks (UST). Site underground utilities will be identified, marked, and disconnected prior to the subsurface work.

B) Site Abandoned or Occupied?

The site is presently abandoned.

C) Site Map Attached with the Following Designated:

- 1) Figure No. 1, Location Map
- 2) Figure No. 2, Site Plan

D) Background Information:

Three UST's have been identified as being present on the property. The tanks were identified as two 20,000 gallon tanks containing gasoline, and one 12,000 gallon tank containing diesel fuel.

E) Levels of Contamination Found:

The levels of contamination, if any, are unknown. The contaminants of concern would consist of petroleum hydrocarbons.

F) Scope of Work:

Removal of three UST's, associated piping and dispensers.

G) Written Work Plan: yes\_\_ no X

H) Project Crew:

Project Manager:..... Glenn Lauman  
Field Supervisor: ..... William Ragsdale  
Site Safety Officer: ..... William Ragsdale  
Team Members:..... Ryan Hanstedt Converse / Removal Subcontractor

II. Health Risk Analysis

A) Job Tasks to be Performed:

Monitoring, sampling and supervision

B) Summary of Potential Exposure Conditions, Pathways, Chemical Hazards and Physical Hazards:

See Table 1.

C) Chemical Hazard Data

See Table 2.

D) Physical and Non-Chemical Hazards

See Table 3.

E) Overall Rating of Risk due to Project Hazards.

Serious                      **Moderate**                      Low

F) Utility Clearance: Underground Service Alert

III. Air Monitoring Equipment/Personal Protective Equipment and Action Levels

Monitoring is to be conducted by the Site Safety Officer or designee. The results shall be interpreted by the Site Safety Officer.

All monitoring shall be performed on a periodic basis. "Periodic" is defined as adequate characterization before, during, and after each task/activity. Monitoring should continue on a continuous basis until the operation is stable and the SSO or CHSO feels that the monitoring is sufficient to adequately assess and characterize exposure during that operation. Additional characterization monitoring shall begin immediately if the operation destabilizes, the environment changes, or the potential for exposure is otherwise affected.

- A) Monitoring Instruments/Direct Reading
  - Organics - PID (performed initially and periodically)
  - Explosive/O<sub>2</sub> - LEL/O<sub>2</sub> Meter (performed initially and periodically)
- B) Personal Protective Equipment and Action Levels See Table

IV. Decontamination/Hazardous Waste Generation

- A) Sampling/Equipment Samples
  - 3-Step decontamination procedures
    - Alconox water
    - Rinse water
    - Commercially available distilled water
- B) Personal Protective Equipment
  - Nitrile gloves when handling samples or sampling equipment
  - Respirator shall be cleaned and sanitized by each worker
  - Disposables should be properly disposed of
- C) Heavy Equipment
  - Steam-clean, contain run-off
- D) Hazardous Waste Generation
  - 1) Soil to be stockpiled in site, placed on visqueen and covered with visqueen.
  - 2) Liquid generated during decontamination or sampling shall be appropriately contained and disposed during tank cleaning or drummed.
  - 3) Disposable protective equipment to be placed in drum.

V. Site Access Procedure

On-Site Command Post: Converse truck

General: Site will be fenced and secured with lock prior to initiation of work on-site. Site will be secured following each days work.

Work Area Access: ..... Carson Boulevard

Security For Off-Hours: ..... Provided by Long Beach Towne Center

VI. Excavation Safety

Excavation will be sloped to 45 degrees for depths greater than 5 feet.

Excavated material will be placed at least 24 inches back from the edge of the excavation.

Excavation shall not encroach upon property line or adjacent structures closer than 1 foot laterally for every 1 foot depth of excavation, (1 to 1 rule).

VII. Emergency Procedures:

FIRST AID

Eye:..... Irrigate Immediately

Skin:.....Wash

Breathing: ..... Artificial Respiration  
Seek Medical Attention

Nearest Telephone: ..... Cell Phone/ on-site pay phone

EMERGENCY PHONE NO:

Fire.....911

Ambulance.....911

Police .....911

HOSPITAL EMERGENCY ROOM NO:..... (562) 989-6641

EMERGENCY HOSPITAL:..... Long Beach Memorial Medical Center

Hospital Address..... 3939 Atlantic Ave  
Long Beach, CA 90807

MAP ATTACHED WITH ROUTE HIGHLIGHTED

Telephone Nos.

Converse Office: ..... (626) 930-1200  
Project Manager – Glenn Lauman ..... Mobile: (626) 807-3407  
Site Safety Officer – William Ragsdale ..... Mobile: (909) 264-5145

VIII. Plan Approval/Sign Off/Log Sheet/Tail Gate Meetings

A) Plan approved by:

Principal: Norman S. Eke, REA \_\_\_\_\_

Project Manager: Glenn Lauman, R.G. \_\_\_\_\_

B) The following team members have read this plan before entering the site:

PRINT NAME	SIGNATURE	DATE
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

C) Daily Tail Gate Meeting

Fill out On-site Safety Meeting Form

TABLE NO. 1

**TASK RISK ANALYSIS/SUMMARY OF POTENTIAL EXPOSURE,  
PATHWAYS, AND PHYSICAL HAZARDS**

TASKS SCHEDULED	MEDIA OF CONCERN	POTENTIAL EXPOSURE PATHWAYS	PHYSICAL HAZARDS	CHEMICAL HAZARDS	RISK RATING
Utility Clearance	Soil	Inhalation, Skin	Utilities, explosion, fire	Fuels and associated contaminants	Low
Sampling	Soil	Inhalation, Skin	Explosion, fire, heavy equipment	Fuels and associated contaminants	medium
Decontamination	Soil, Water	Inhalation, Skin	Heavy Equipment	Fuels and associated contaminants	Low

**TABLE NO. 2  
IDENTIFICATION AND ASSESSMENT OF CHEMICAL HAZARDS**

CHEMICAL NAME	PEL/TLV	OTHER LIMITS	WARNING PROPERTIES	PHYSICAL PROPERTIES	TARGET ORGANS	ACUTE/CHRONIC HEALTH EFFECTS	CANCER
Fuel-Gas	300/300 ppm	IDHL 2500-3500 ppm	sweet odor	LEL 1.4%	skin, resp sys	irritate eyes, nose, throat, CNS	N/A
Benzene	1/1 ppm	REL 0.1 ppm STEL 5 ppm ACGIH 10 ppm	aromatic odor	LEL 1.2%, IP:9.25eV, VP:75mm	blood, CNS, skin, bone	irritate eyes, nose, resp sys; giddy; head; naus; staggered gait; ftg; anor, lass; derm; bone marrow depres; abdom pain	yes
Toluene	100/200 ppm	IDLH 500 ppm	aromatic odor	LEL 1.1%, IP:8.821eV, VP:22mm	CNS, liver, kidney, skin	Ftg weak; conf, eup, diz; head; dil pup, lac;ner; musc ftg; insom; pares; derm; photo	N/A
Xylene	100/100 ppm	IDLH 900 ppm	aromatic odor	LEL .9%, IP:8.56eV, VP:7mm	CNS, eyes, GI tract, blood, liver, kidneys, skin	Dizz, excitement, drow, inco, staggering gait; irrit eyes; nose, throat; corneal vacuolization; anor, naus; vomit; abdom pain; derm	N/A

USCG - United States Coast Guard Commandant Instruction M.16465.12A  
Niosh - Pocket Guide to Chemical Hazards - U.S. Department of Health and Human Services

**TABLE NO. 3  
POSSIBLE PHYSICAL AND NON-CHEMICAL HAZARDS**

HAZARD	PRESENT	ABSENT
Holes/trenches/ditches	X	
Steep grades		X
Slippery/wet surfaces	X	
Uneven terrain	X	
Unstable surfaces	X	
Elevated work area		X
Lifting/moving heavy objects	X	
Shoring/scaffolding		X
Fire hazards	X	
Overhead power lines	X	
Underground power lines	X	
Gas lines	X	
Explosive atmospheres	X	
Oxygen deficiency		X
Confined spaces		X
Drilling		X
Excavation	X	
Machinery	X	
Heat exposure	X	
Cold exposure		X
Noise	X	
Ionizing radiation		X
Infrared		X
Lasers		X
Ultraviolet		X
Biological		X
Other		X

**TABLE NO. 4**

**TASK-SPECIFIC PERSONAL PROTECTIVE EQUIPMENT (PPE)  
ACTION LEVEL TABLE**

LEVEL	TASK ACTIVITY <sup>a</sup>	ACTION LEVEL OF ANY CONTAM. FOR PPE UPGRADE	SUIT	GLOVE	FOOT <sup>b</sup>	HEAD <sup>c</sup>	EYE <sup>d</sup>	EAR	RESPIRATOR <sup>e</sup>	CART-RIDGE <sup>f</sup>	MONITORING EQUIPMENT <sup>g</sup>
D	ALL	<5 ppm PID <0.5 ppm Benzene	na	nitrile	ST	HH	SG	na	na	na	LEL/O <sub>2</sub> ; PID
C	ALL	>5<100 ppm PID, >0.5<1 ppm Benzene	na	nitrile	ST	HH	SG	na	HF/APR	CC-OC/PART	LEL/O <sub>2</sub> ; PID
work stop	ALL	>20% LEL <19.5%>25% O <sub>2</sub> , >100 PID, >1 ppm Benzene									LEL/O <sub>2</sub> ; PID

<sup>a</sup>TASK

- GPR = Ground Penetrating Radar
- HA = Hand Augering
- UC = Utility Clearance
- SS = Soil Sampling
- SB = Soil Boring
- GP = Geo probe
- WC = Well Construction
- WS = Groundwater Sampling
- D = Decontamination
- DS = Drum Sampling
- SE = Soil Excavation
- WD = Well Development
- DR = Drill Rig
- DU = Degassing Unit

<sup>b</sup>FOOT PROTECTION

- ST = Steel Toe Boots
- RB = Rubber Boots
- FC = Boot Covers

<sup>c</sup>HEAD PROTECTION

- HH = Hard Hat

<sup>d</sup>EYE PROTECTION

- SG = Safety Glasses
- FS = Face Shield

<sup>e</sup>RESPIRATORY PROTECTION

- HF/APR = Half Face Air Purifying
- FF/APR = Full Face Air Purifying

<sup>f</sup>CARTRIDGE

- CC = Combination Cartridge OV/PART
- HiE = High Efficiency Particulate
- OV = Organic Vapor
- AC = Acid Gas

<sup>g</sup>MONITORING EQUIPMENT

- PID = Photoionization Detector
- FID = Flame Ionization Detector
- LEL/O<sub>2</sub> = Explosimeter Oxygen Meter
- DR = Draeger Tubes
- FB = Film Badge
- MR = Miniram

## **Appendix D – Traffic Study**

**TRAFFIC IMPACT ANALYSIS  
FOR THE PROPOSED  
LA CRESCENTA LIBRARY  
LOS ANGELES COUNTY,  
CALIFORNIA**

*Prepared for:*

**County of Los Angeles  
Department of Public Works**

*Prepared by:*

**David Evans and Associates, Inc.**

**January 2005**

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1.0 EXECUTIVE SUMMARY .....	1
2.0 INTRODUCTION.....	2
3.0 STUDY AREA AND METHODOLOGY .....	5
4.0 EXISTING CONDITIONS .....	8
5.0 FUTURE CONDITIONS .....	11
6.0 IMPACT ANALYSIS AND MITIGATION .....	22
7.0 CONCLUSIONS AND RECOMMENDATIONS.....	23

### **APPENDICES**

APPENDIX A:	EXISTING TRAFFIC COUNTS
APPENDIX B:	SYNCHRO LOS CALCULATION SHEETS

## **1.0 EXECUTIVE SUMMARY**

The Los Angeles County Department of Public Works is proposing to construct a larger La Crescenta Branch Library within the unincorporated community of La Crescenta. The proposed La Crescenta Library would replace the existing 4,300-square-foot library located on 4521 La Crescenta Avenue. The new library would be located on the same parcel as the existing library and on adjacent lots on Foothill Boulevard occupied by existing commercial facilities, including an automotive repair facility and used car sales lot. The proposed library would have 14,000 square feet of floor area, with 15 parking spaces at the lower level parking garage and 41 surface parking spaces.

This Traffic Impact Analysis (TIA) has been prepared as part of the environmental review process of the project, and serves to evaluate the potential traffic impacts of the La Crescenta Library project to the existing roadway system and to identify appropriate mitigation measures if the impacts are significant.

The report has been prepared in accordance with Los Angeles County's Traffic Impact Analysis guidelines and Los Angeles Metropolitan Transportation Authority's (LAMTA) Congestion Management Program (CMP). There are no CMP-monitored intersections in the project vicinity. Five intersections in the project vicinity have been selected for the traffic impact analysis. The analysis focuses on the capacity utilization characteristics of the selected intersections during the conventional AM and PM peak hours.

Since the project is not considered a new development but would replace existing land uses on the site, the trip generation of the proposed library and that of the existing land uses are compared in the analysis below. The net change in trip generation shows that the number of future trips from the site will be slightly increase with the project. However, there would be no adverse impacts to the study intersections. Also, no mitigation is necessary. However, some recommendations have been made for on-site access control to eliminate potential safety concerns or potential obstruction of through traffic on Foothill Boulevard. Some of these recommendations are also incorporated as premises in the analysis.

Based on the preliminary site plan provided by the County, assumptions have been made on traffic turning patterns at the library access locations, according to the surrounding land uses and roadway systems. The entrance on Foothill Boulevard is also assumed to be a right-in-right-out access driveway.

The stop sign controlled intersections have been evaluated in accordance with signal warrant criteria. No new traffic signal is recommended at area intersections as the result of the project. Detailed recommendations are discussed in the Findings and Recommendations section of this report.

## **2.0 INTRODUCTION**

The County of Los Angeles Department of Public Works is planning to build a new library in the unincorporated community of La Crescenta to replace the existing library. The proposed *La Crescenta Library Project* would replace the existing 4,300 square-foot library structure at the southwest corner of La Crescenta Avenue and Dyer Street.

The purpose of this traffic study is to evaluate the potential impacts of the proposed project on the surrounding street system in the project vicinity and to address the circulation needs of the project.

## **2.1 PROJECT DESCRIPTION**

This section provides a brief description of the location and characteristics of the proposed project.

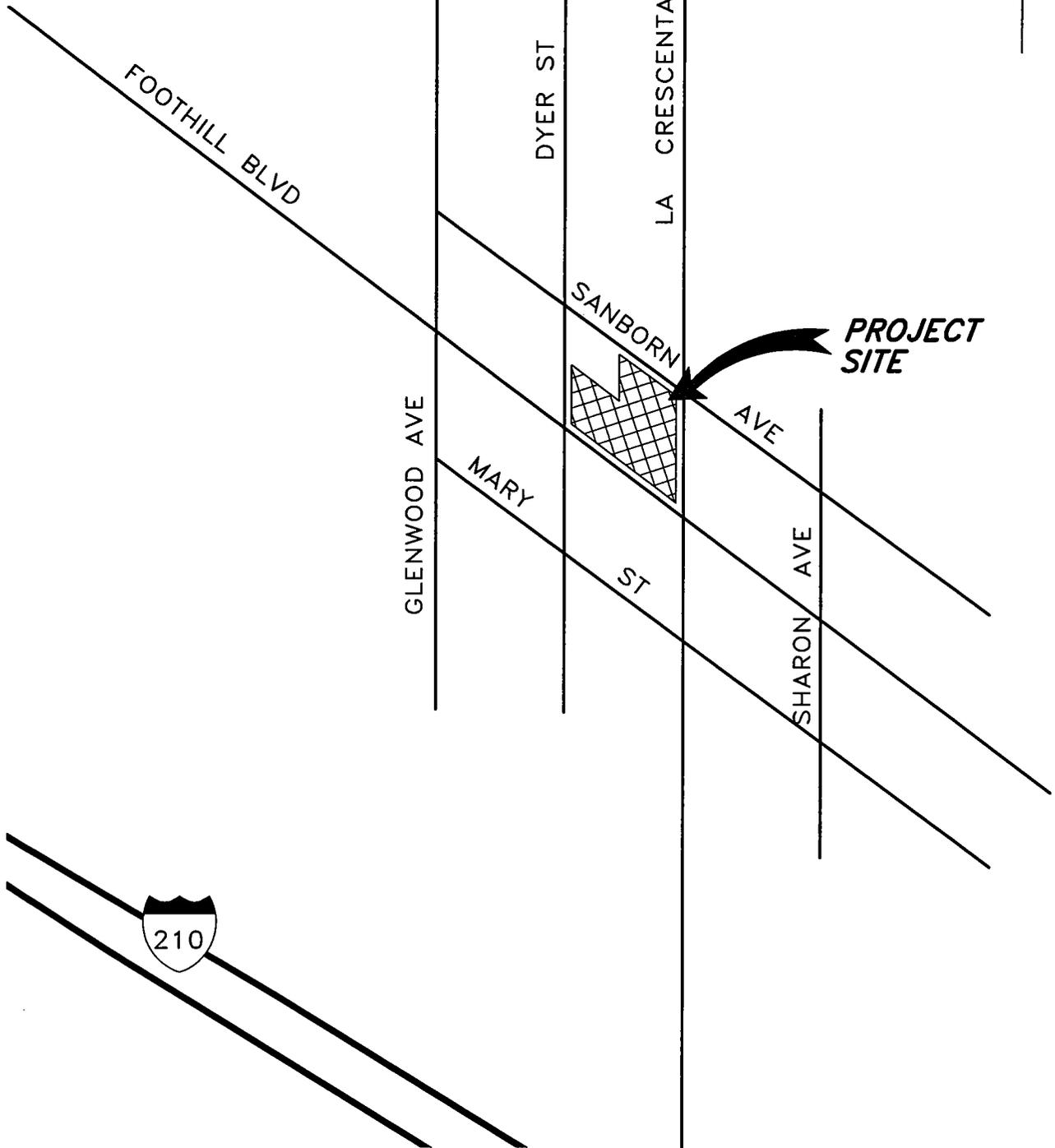
### **2.1.1 PROJECT LOCATION**

The project site for the proposed library is located in the community of La Crescenta, in the northwestern section of the County of Los Angeles. The Foothill Freeway (I-210) traverses in northeast-southwest direction through the southern portion of the La Crescenta community, while the Glendale Freeway (SR-2) traverses in a north-south direction, just southeast of La Crescenta. The site is bounded by Foothill Boulevard to the south, La Crescenta Avenue to the east, Sanborn Avenue to the north and Dyer Street to the west.

The project site for the new library consists of five parcels covering 0.87 acre and forming an L-shaped area at the northeast corner of La Crescenta Avenue and Foothill Boulevard. The site includes the current location of the existing library (4521 La Crescenta Avenue), as well as commercial facilities (an automotive repair shop at 2801 Foothill Boulevard and a used car sales lot at 2813 Foothill Boulevard) located south and southwest of the existing library.

Access to the project site is currently available through two driveways on Foothill Boulevard, serving the individual commercial uses. Access to the existing library is provided by a driveway on La Crescenta Avenue, leading to the parking lot of the library, with a secondary exit-only driveway to the north side off Sanborn Avenue.

The project location is shown in Figure 1, *Project Vicinity Map*.



**FIGURE 1**  
**PROJECT VICINITY MAP**

### **2.1.2 PROJECT CHARACTERISTICS**

The existing uses at the project site would be permanently removed prior to planned reconstruction of the La Crescenta Branch Library. The new library would have 14,000 square feet of floor area, or 13,700 square feet of additional library space over the existing facility. The proposed La Crescenta Library would provide juvenile and adult reading areas, an information desk and customer service area, a main lobby and community meeting room, and a staff area. The proposed project would be a modern library facility equipped with current computer technology, research and educational tools, and reading/study resources.

Due to the grade change at the site, the library would be constructed as the second level of the structure to be built at the eastern section of the site, with a parking garage at the first level. However, this second level would be at ground level along Sanborn Avenue, at the northern boundary of the site.

The project proposes a total of 51 parking spaces to serve the proposed La Crescenta Library, with 15 spaces within the lower level parking garage and 41 additional parking spaces provided on a surface parking lot at the southwestern section of the site. Access to the project site would be provided at three locations. The main entrance to the parking garage would be located at the southern section of the site along Foothill Boulevard. The secondary entrance to the surface parking lot would be located at Dyer Street and a delivery entrance would be provided at the northwestern corner of the site off of Sanborn Avenue. No driveways are proposed on La Crescenta Avenue.

### **3.0 STUDY AREA AND METHODOLOGY**

#### **3.1 STUDY INTERSECTIONS**

According to Los Angeles Metropolitan Transportation Authority's (LAMTA) Congestion Management Program (CMP), there are no CMP-monitored intersections or arterials in the project vicinity. Therefore, no intersections and arterials need to be analyzed for CMP purposes. The I-210 Freeway segment at La Crescenta Avenue, located approximately 0.5 mile south of the project site is not a CMP-monitored segment (see Exhibit C of the LAMTA CMP), therefore no freeway segment needs to be evaluated as well.

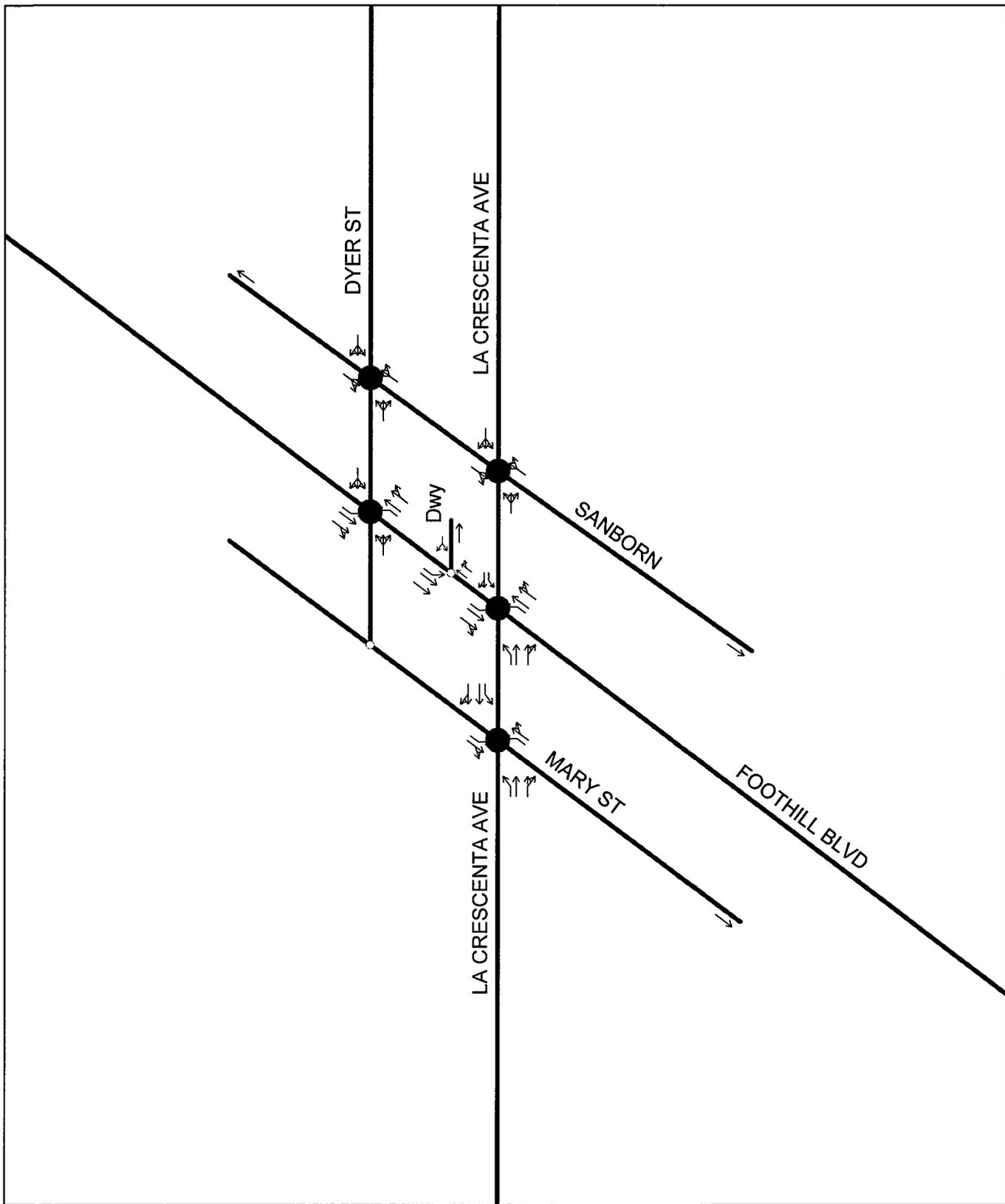
Based on the location of the proposed project and the surrounding roadway systems, five intersections near the site and a driveway to the project site were selected for the analysis. They include the intersections at the four corners immediately adjacent to the site and one intersection on La Crescenta Avenue south of Foothill Boulevard. These study intersections are:

- Foothill Boulevard and Dyer Street
- Foothill Boulevard and La Crescenta Avenue
- Foothill Entrance Driveway of future library
- La Crescenta Avenue and Sanborn Avenue
- La Crescenta Avenue and Mary Street
- Sanborn Avenue and Dyer Street

Since Dyer Street is a local residential street with low traffic volumes, the proposed driveway on Dyer Street will not be analyzed. However, the main library entrance on Foothill Boulevard has been included in the intersection ICU analysis.

Most of these intersections are currently unsignalized, except for the intersection Foothill Boulevard and La Crescenta Avenue. Foothill Boulevard is a four-lane east-west arterial providing access from the local residents to the project site; La Crescenta Avenue is a two-lane north-south minor arterial providing freeway access to the local residents. Dyer Street, Sanborn Avenue and Mary Street are local roadways within two lanes.

Figure 2 shows the location of the five study intersections and the current lane configurations at these intersections.



**Figure 2**  
**Study Intersection & Existing Lane Configuration**

### 3.2 STUDY METHODOLOGY

The study methodology complies with the Los Angeles County Traffic Impact Analysis Report Guidelines. The LAMTA Congestion Management Program is also used as a reference. The Intersection Capacity Utilization (ICU) or Critical Movement Analysis are two methods recommended by the guidelines to assess existing and future LOS at intersections. This study utilizes the ICU method through the use of the Synchro software program.

Three scenarios have been evaluated for the study intersections for both AM and PM peak hours. Scenario "A" is the existing condition of the selected intersections. Scenario "B" is the project build-out year ambient growth plus related projects proposed in the vicinity of the site. The projected growth in the area is estimated at about four percent from the existing 2004 conditions to the build-out year in 2007. Future ambient traffic volumes were projected by applying a growth factor to the existing traffic volumes. The growth factor is prorated based on the growth factors listed in LAMTA CMP Appendix B-1, Exhibit B-1. Trip generation of related projects were estimated and assigned to each intersection based to the best knowledge of the land uses and roadway conditions in the project vicinity.

Scenario "C" is the project build-out year with the proposed project traffic plus the background traffic of Scenario "B". Scenario "C" is compared against Scenario "B" to identify any potential impact from the proposed project to the future (build-out year) operating conditions of local roadways.

Trip generation is calculated according to the ITE (Institute of Transportation Engineers) Trip Generation Manual for both existing land uses and the proposed library. Due the changes of land use access and circulation patterns before and after the project, the trips of existing and future site are assigned to the roadway system in different distribution patterns respectively. Intersection traffic volumes in Scenario "C" are the results of future background traffic plus the assigned traffic from the proposed library, with the subtraction of the assigned traffic generated by the existing land uses (library and automotive repair shop). Since the existing used car sales lot is currently not in use, the trip generation for this land use is not included in the existing trip generation nor subtracted from the projected trips that would be generated from the site.

The ITE Trip Generation Manual indicates, for a library, the trip generation peak hours would occur during the same period as found on the surrounding streets. So, the conventional AM and PM peak hours of a weekday would be the worst case scenario. Thus, the weekday AM and PM peak hour volumes were evaluated under each scenario, as a worst case condition.

## 4.0 EXISTING CONDITIONS

This section of the report documents the existing traffic conditions in the vicinity of the project site. The existing roadway system is discussed, roadway lane configurations and traffic volumes are provided, and the current Level of Service (LOS) at each of the study intersections is analyzed.

### 4.1 EXISTING ROADWAY SYSTEM

The project site is located approximately 0.5 mile north of the I-210 Freeway in the La Crescenta community. Foothill Boulevard is the east-west arterial providing access for the local residents to reach the project site. La Crescenta Avenue is the north-south minor arterial providing freeway access to the local residents.

Foothill Boulevard has two lanes each direction with a two-way left turn lane in the center. Developments along Foothill Boulevard consist mostly of local commercial land uses. South of Foothill Boulevard, La Crescenta Avenue is a four-lane arterial with access to the westbound and eastbound on-ramps of the I-210 Freeway. North of Foothill Boulevard, La Crescenta Avenue narrows to a two-lane collector street going through residential areas.

Figure 2 illustrates the lane configurations at each of the study intersections.

### 4.2 EXISTING LEVEL OF SERVICE

Turning movement counts were collected on December 7, 2004, a typical weekday, at all study intersections. Traffic counts for each turning movement were collected for 15-minute intervals during the two-hour peak periods for both the AM and PM peak hours. These counts are provided in Appendix A of this report. The peak one-hour volumes were then used to evaluate existing intersection LOS for both the AM and PM peak hours. Figures 3 and 4 display the existing intersection volumes for the AM peak hour and the PM peak hour, respectively.

The results of the analysis show that existing area intersections operate at LOS A, represent free flow with most vehicles not stopping, except for the Foothill Boulevard and La Crescenta Avenue intersection. This intersection currently operates at LOS D, defined by long traffic delays. Generally, LOS E is considered acceptable in urbanized areas. Thus, all intersections are operating at acceptable levels of service and are operating slightly better during the morning peak hour than during the afternoon peak hour. The existing ICU percentages and LOS are summarized in Table 1, with the Synchro LOS calculation sheets provided in Appendix B.

**Table 1 Scenario "A" Existing Conditions  
(AM and PM Peak Hours)**

INTERSECTION	EXISTING AM PEAK		EXISTING PM PEAK	
	ICU	LOS	ICU	LOS
Foothill Boulevard and Dyer Street	40.8%	A	42.6%	A
Foothill Boulevard and La Crescenta Avenue	79.4%	D	78.9%	D
Foothill Boulevard Driveway	40.6%	A	46.1%	A
La Crescenta Avenue and Sanborn Avenue	41.3%	A	35.6%	A
La Crescenta Avenue and Mary Street	34.6%	A	39.0%	A
Sanborn Avenue and Dyer Street	19.6%	A	20.6%	A

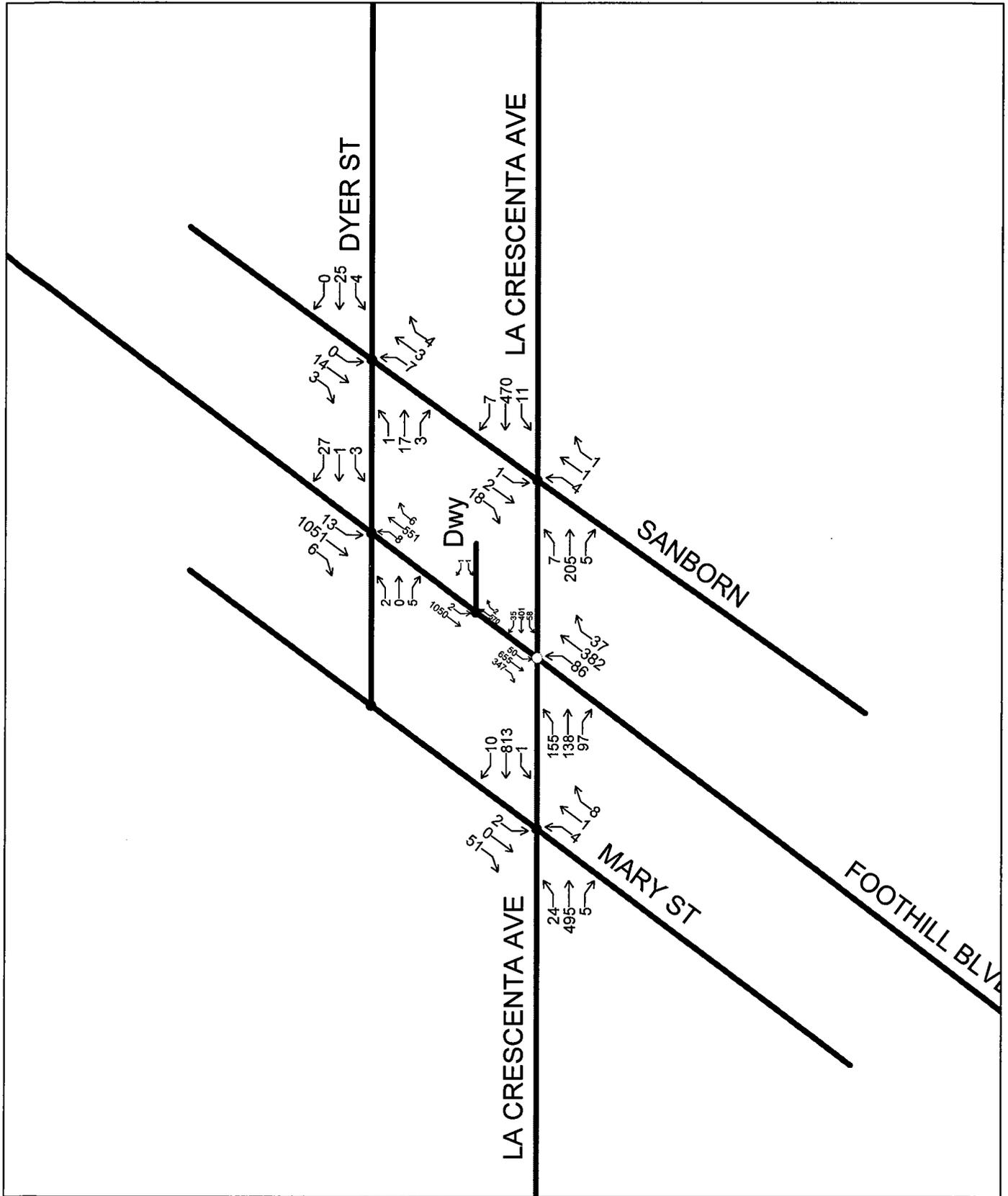


Figure 3  
Existing Volume (AM Peak Hour)

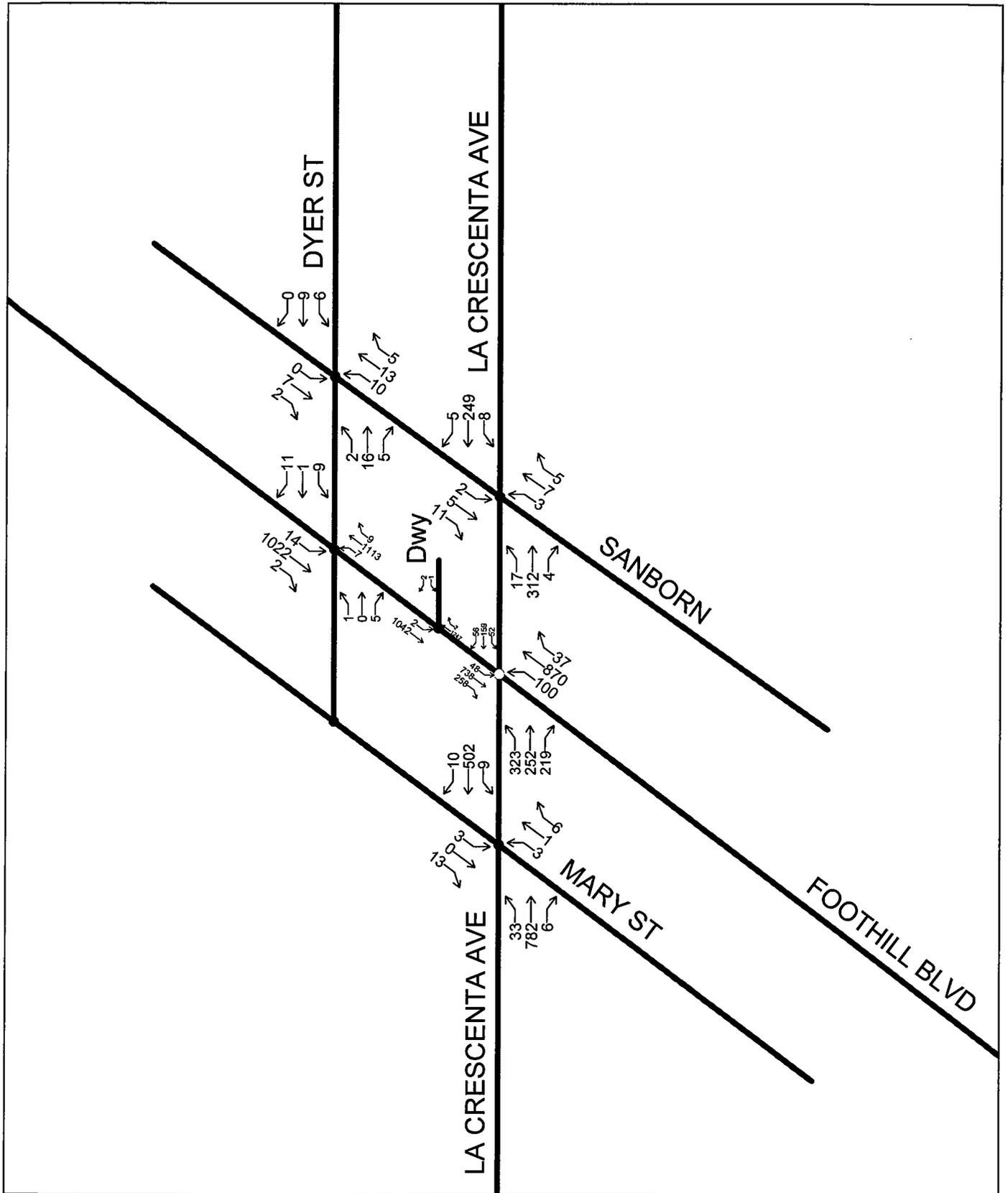


Figure 4  
Existing Volume (PM Peak Hour)

## 5.0 FUTURE CONDITIONS

This section documents future traffic conditions with the ambient growth and the proposed project. Trip generation from the project is discussed and summarized. The LOS and ICU percentages are also calculated and compared for both AM and PM peak hours.

### 5.1 FUTURE TRAFFIC FORECAST WITHOUT PROJECT

The future traffic conditions without the proposed library project would consist of ambient traffic growth and related development projects in the vicinity of the project site. The Future Without Project conditions are evaluated as Scenario "B".

According to LAMTA CMP, the San Fernando region is projected to experience approximate 4.4% growth from 2005 to 2010. At the project build-out year (2007), the ambient traffic growth has been conservatively assumed to be 4% per year.

Information on other development projects proposed in the area was made in consultation with the Los Angeles County Regional Planning Department. There is no significant project that is proposed in the site vicinity through 2007. Therefore, in this analysis, Scenario "B" reflects the ambient growth of 4% alone. AM and PM peak hour operating conditions under Scenario "B", Future Without Project conditions, were analyzed and summarized in Table 2 below. Figures 5 and 6 show the 2007 intersection volumes for the AM peak hour and the PM peak hour, respectively.

**Table 2 Scenario "B" Future Without Project Conditions  
(AM and PM Peak Hours)**

INTERSECTION	AM PEAK		PM PEAK	
	ICU	LOS	ICU	LOS
Foothill Boulevard and Dyer Street	42.0%	A	43.8%	A
Foothill Boulevard and La Crescenta Avenue	82.0%	D	81.0%	D
Foothill Boulevard Driveway	41.7%	A	47.5%	A
La Crescenta Avenue and Sanborn Avenue	42.5%	A	36.6%	A
La Crescenta Avenue and Mary Street	35.7%	A	40.1%	A
Sanborn Avenue and Dyer Street	19.8%	A	20.7%	A

The analysis of peak hour operating conditions under Scenario "B" shows that the ICU of all area intersections would increase because of the ambient growth. However, LOS conditions would remain the same. Most intersections are projected to remain operating at LOS A, except for the intersection of Foothill Boulevard and La Crescenta Avenue, which would remain at LOS D.

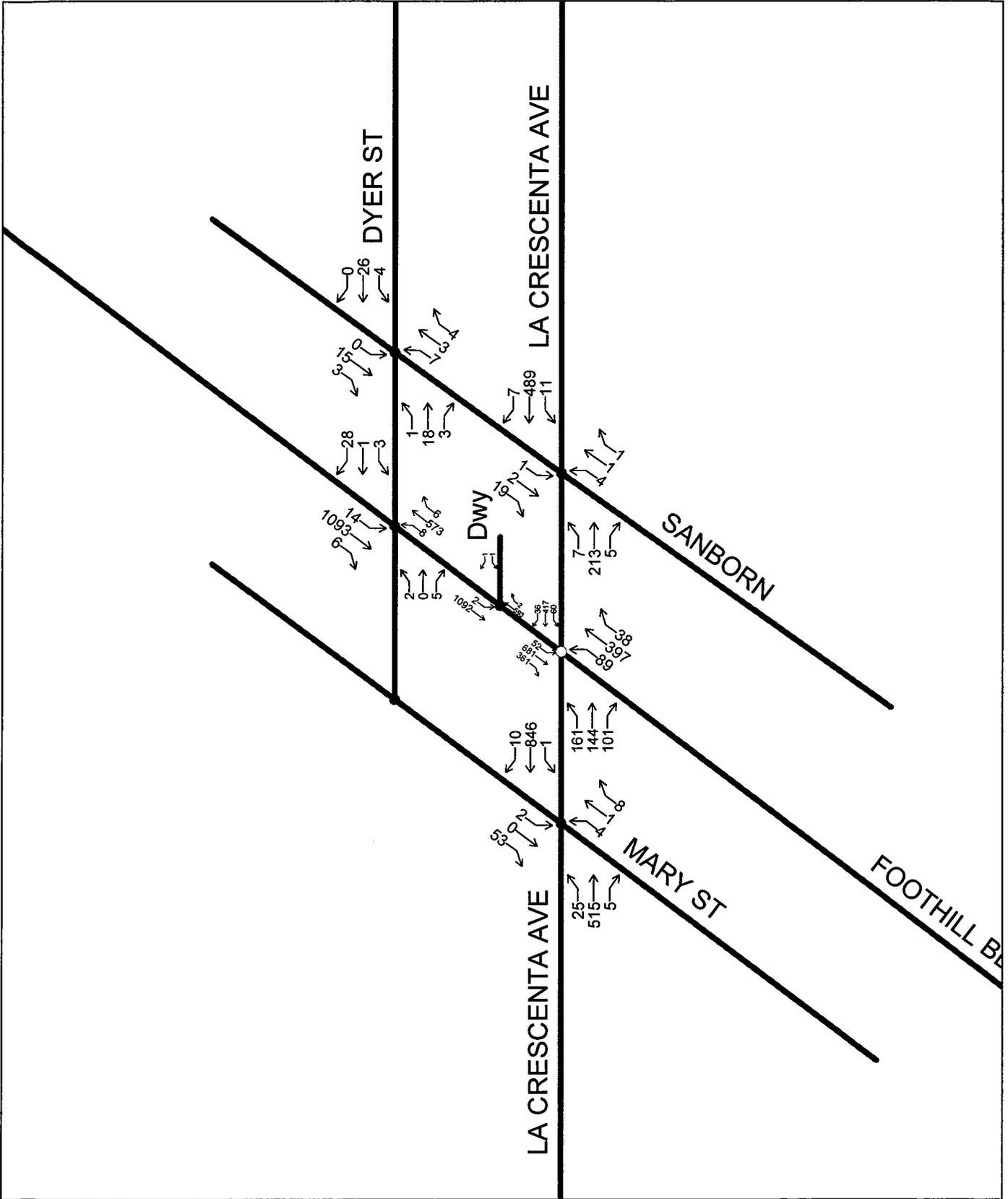


Figure 5  
 Future No-Build Volume (AM Peak Hour)



## 5.2 PROJECT TRAFFIC FORECAST

The process of project traffic forecasting involves project trip generation, trip distribution, and project traffic assignment. This section explains the process in detail.

### 5.2.1 PROJECT TRIP GENERATION

Estimating trip generation for this project included two parts. First, trips that would be generated from the use of the proposed library were estimated. Second, trips generated by the existing uses at the project site, which would be replaced by the library project, were also estimated.

The trips were estimated by applying the Trip Rate of a matching land use specified in ITE Trip Generation Manual. The independent variable of the Trip Rate is displayed in Table 3, in addition to the matching land use code from the ITE Manual for each parcel.

The summary of existing and future trip generation of the proposed project (AM and PM peak hours) is provided in Table 3. As shown, the proposed library project would generate 756 daily trips. However, vehicle trips from the existing library and automotive repair shop would no longer occur and thus, the net increase in vehicle trips from the site would only be 481 new trips on local roadways. The AM peak hour trips from the new library are estimated at 15 vehicle trips (a net increase of 5 trips over existing conditions) and 99 vehicle trips during the PM peak hour (a net increase of 64 trips over existing conditions).

**Table 3 Project Trip Generation**

Property Type	Land Use Code	Independent Variable	Area	Peak Hour Trips				Daily Trips	
				AM In	AM out	PM In	PM Out	In	Out
Auto Shop	942	Gross Floor Area	2000	4	2	4	3	38	21
Existing Library	590	Gross Floor Area	4300	3	1	13	15	108	108
Proposed Library	590	Gross Floor Area	14000	11	4	48	51	378	378
Net Increase				4	1	31	33	232	249

### 5.2.2 PROJECT TRIP DISTRIBUTION

Trip distribution involves the determination of the probable routes that project-generated trips will utilize to get to and from the site. Trip distribution is dependent on numerous factors, including geographic destination and origin of travelers who will enter and exit the site, the configuration of the surrounding street system, the site access scheme, freeway access routes, and traffic operational conditions. Trip distribution may be performed through a local planning model. However, it would not be practical and accurate for this specific project. Instead, we have taken into account the project characteristics and have applied land use knowledge of the project vicinity to develop the project trip distribution for the proposed library project.

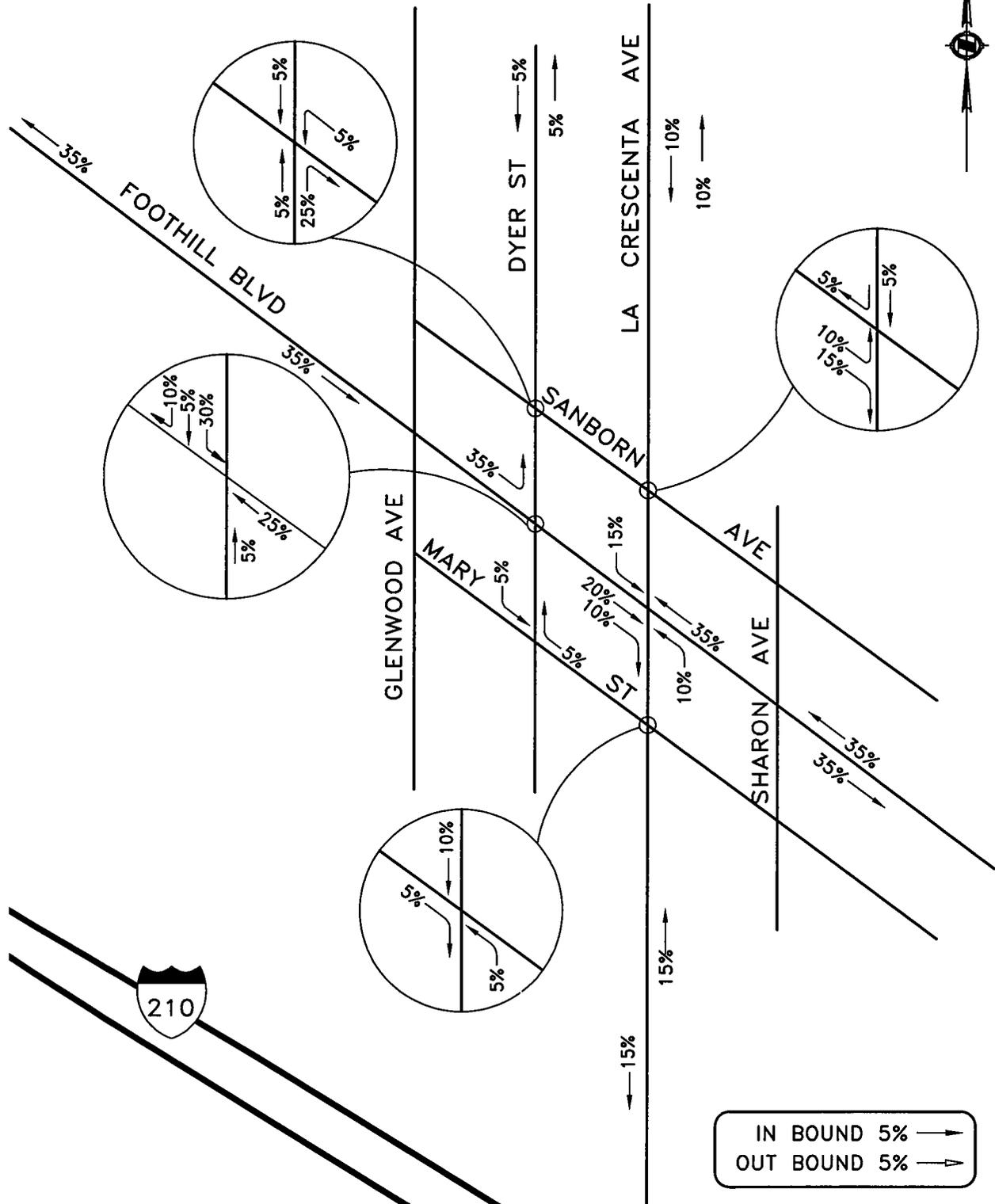
Based on the above factors, most of the trips that are expected to come to the site would be from areas located to the east and west of the project site. Only 30% of the trips are expected to come from areas located to the north and the south of the project site. Approximately 35% of the trips generated by the proposed library are expected to travel to and from the areas west of the site and on Foothill Boulevard; and the same amount of trips are expected to and from areas east of the site and using Foothill Boulevard to reach the new library. To eliminate potential safety hazards and obstruction of through traffic on

Foothill Boulevard, it is assumed the proposed library access on Foothill Boulevard will be restricted as a right-in right-out only driveway. Figure 7 displays the trip distribution pattern in percentages of the total project trips.

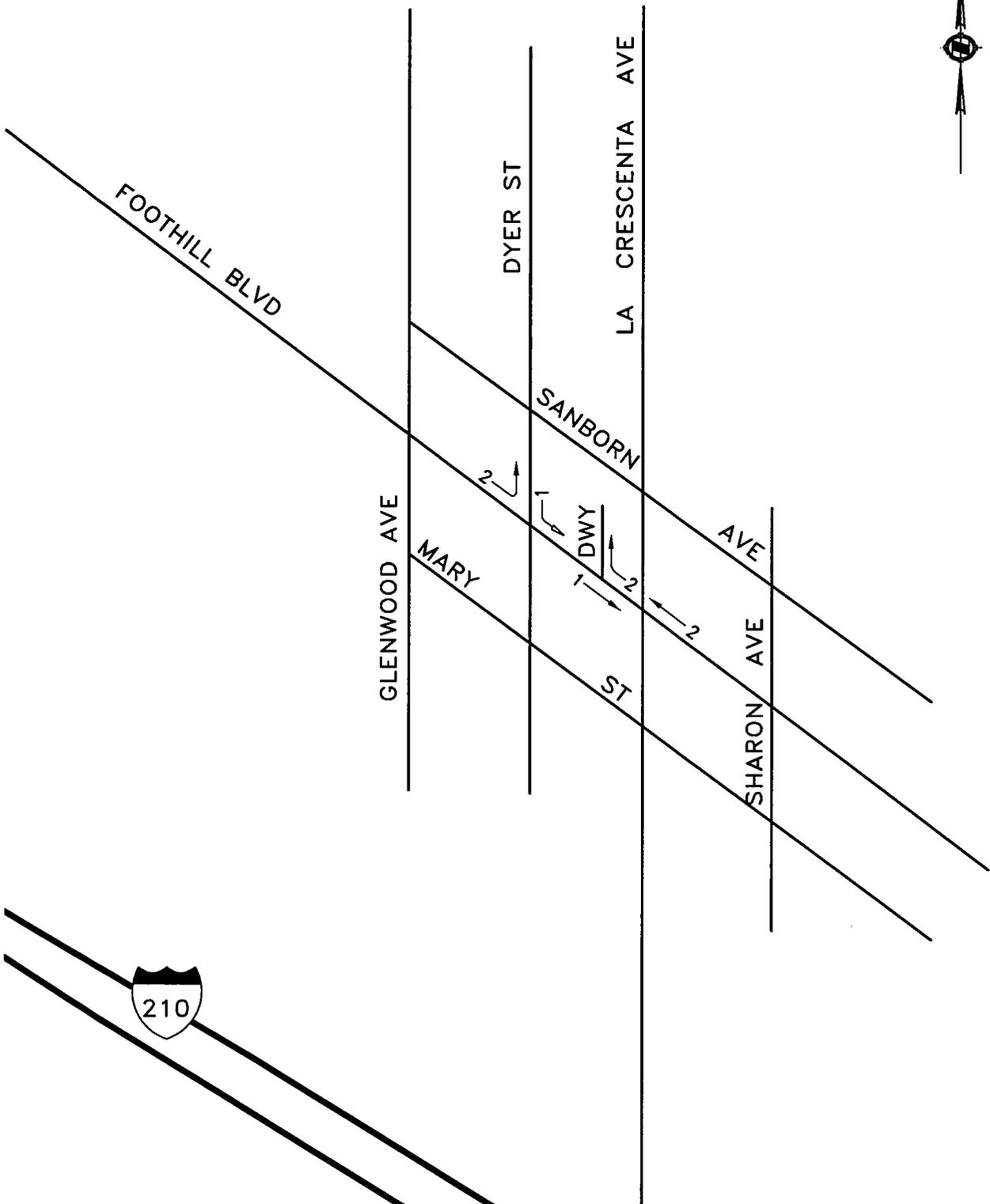
### **5.2.3 PROJECT TRIP ASSIGNMENT**

Trip assignment is the process of allocating project trips to specific turning movements at the study intersections, based on the determined trip distribution percentages and net project trips. Project-only traffic is then calculated for both the AM and PM peak hours by turning movements at each study intersection.

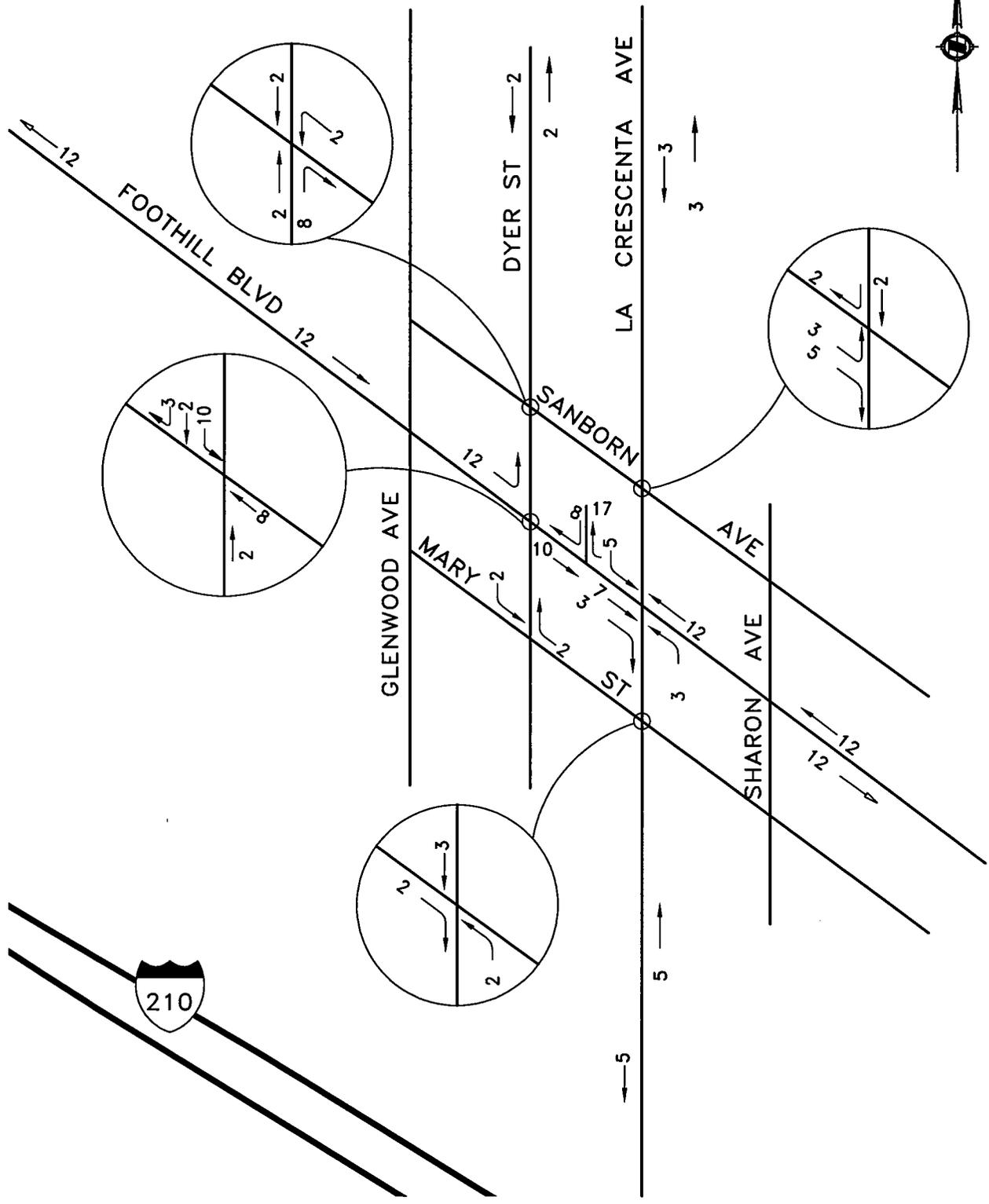
Figures 8 and 9 illustrate the net increase in traffic, as associated with the proposed library, for the AM and PM peak hours, respectively.



**FIGURE 7**  
**PROJECT TRIP**  
**DISTRIBUTION**



**FIGURE 8**  
**PROJECT ONLY VOLUME**  
**(AM Peak Hour)**



**FIGURE 9**  
**PROJECT ONLY VOLUME**  
**(PM Peak Hour)**

### 5.3 FUTURE WITH PROJECT CONDITIONS

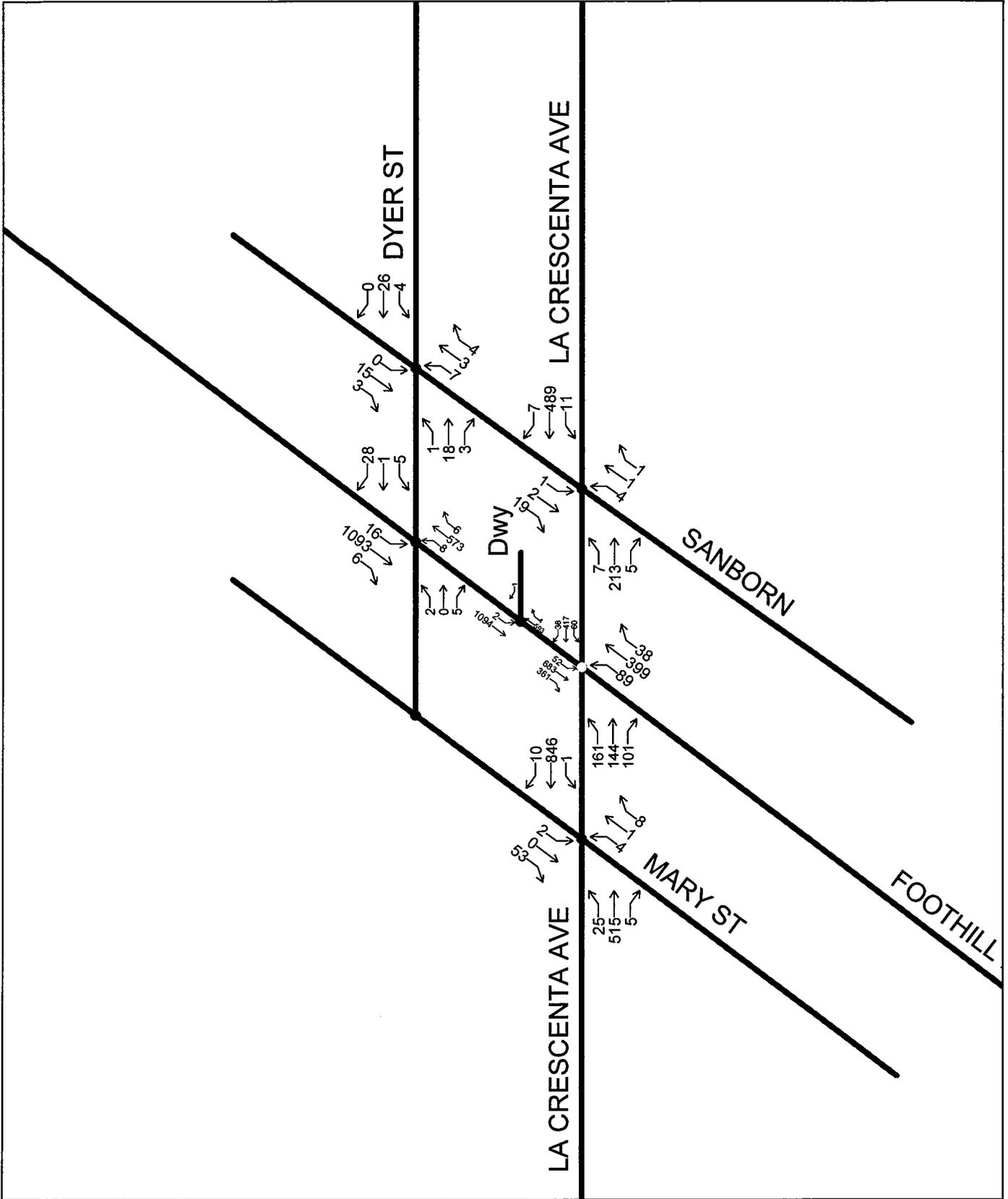
As discussed earlier, Scenario “C” is the net traffic from the proposed project plus the background traffic of Scenario “B”. The future ambient plus project traffic, for both the AM and PM peak hours, are shown in Figures 10 and 11, respectively. With the cumulative volumes, the intersections operations are evaluated using the ICU method and LOS results are generated.

Table 4 shows the ICU and LOS results under Scenario “C”, Future With Project conditions. The ICU and LOS calculation sheets through the Synchro program are provided in Appendix B.

**Table 4. Scenario “C” Future With Project Conditions  
(AM and PM Peak Hours)**

INTERSECTION	AM PEAK		PM PEAK	
	ICU	LOS	ICU	LOS
Foothill Boulevard and Dyer Street	42.0%	A	46.9%	A
Foothill Boulevard and La Crescenta Avenue	82.0%	D	81.4%	D
Foothill Boulevard Driveway	41.7%	A	48.0%	A
La Crescenta Avenue and Sanborn Avenue	42.5%	A	36.7%	A
La Crescenta Avenue and Mary Street	35.7%	A	40.9%	A
Sanborn Avenue and Dyer Street	19.8%	A	20.8%	A

The analysis shows that even with the cumulative traffic of the future growth and net project trips, all the study intersections would operate at acceptable levels of service and no change to the LOS over those under Scenario “B” are expected. While slight increases in ICU during the PM peak hours are expected, these changes are relatively minor. This indicates that there would be no significant traffic impact on local roadways and intersections, with the implementation of the proposed library project.



**Figure 10**  
*Future With Project Volume (AM Peak Hour)*

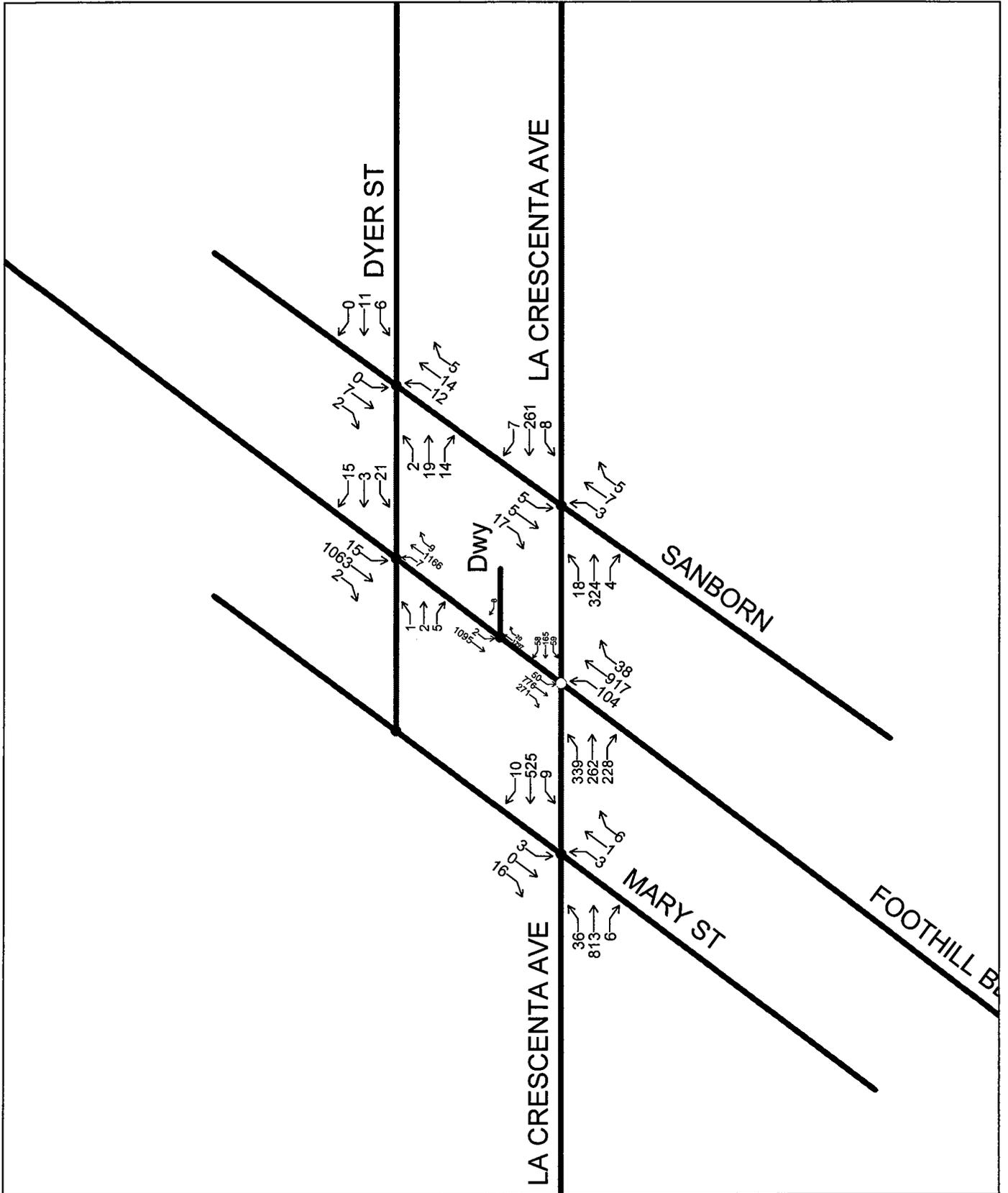


Figure 11  
 Future With Project Volume (PM Peak Hour)

## 6.0 IMPACT ANALYSIS AND MITIGATION

The results of the analysis of the Future With Project conditions (Scenario “C”), when compared to the Future Without Project conditions (Scenario “B”), are provided in Table 5. Comparison of the intersection LOS of the Future With Project and Future Without Project conditions shows that there would be no significant impact on the operating conditions of local the roadways and intersections, even with the implementation of the proposed La Crescenta Library. All the study intersections are projected to operate at LOS A and B. Therefore, no mitigation is required.

**Table 5. ICU and LOS Comparison of Scenarios “C” and “B”  
(AM and PM Peak Hours)**

INTERSECTION	AM PEAK		PM PEAK	
	ICU	LOS	ICU	LOS
Foothill Boulevard and Dyer Street	0.0%	No change	3.1%	No change
Foothill Boulevard and La Crescenta Avenue	0.0%	No change	0.4%	No change
Foothill Boulevard Driveway	0.0%	No change	0.5%	No change
La Crescenta Avenue and Sanborn Avenue	0.0%	No change	0.1%	No change
La Crescenta Avenue and Mary Street	0.0%	No change	0.8%	No change
Sanborn Avenue and Dyer Street	0.0%	No change	0.1%	No change

## 7.0 CONCLUSION AND RECOMMENDATIONS

Based on the analysis above, we have concluded that no significant impacts on the study intersections are expected with the proposed project. The intersection LOS would remain unchanged at all intersections, with the addition of project-related trips. The proposed library project will add new vehicle trips to the surrounding roadway system. However they are not at volumes that would change the intersection LOS. Rather, under the Future With Project scenario, all intersections would continue to operate at LOS A or B during both the AM and PM peak hours. Therefore, no mitigation is necessary.

Since the proposed project would vehicle trips to the study intersections, all the unsignalized intersections have been evaluated against signal warrants. The signal warrant analysis shows that none of the intersections meet the warrants and no new traffic signal is needed in the project area.

On the other hand, the following recommendations should be considered in order to eliminate potential safety problems and to further increase the efficiency of traffic operation in the project vicinity:

- Given the high through traffic volumes on both the eastbound and westbound lanes on Foothill Boulevard, left turns heading out from the site can be a potential safety hazard. The introduction of eastbound left turns into the driveway on Foothill Boulevard to reach the proposed library could block the existing lanes and driveways on the south side of Foothill Boulevard. Thus, it is recommended that the library entrance on Foothill Boulevard be restricted as a right-in right-out only access driveway.
- An exclusive right turn lane and a combined left-turn and through lane should be striped for at least 50 feet at the southbound lane on Dyer Street as it approaches its intersection with Foothill Boulevard. Also, an exclusive left turn lane is recommended for northbound traffic at the intersection La Crescenta Avenue and Sanborn Avenue, and an exclusive right-turn lane is recommended for eastbound traffic at the same intersection.
- It is also recommended that the bus stop on Foothill Boulevard, just west of the intersection of Foothill Boulevard and La Crescenta Avenue, be relocated nearer to the intersection of Foothill Boulevard and Dyer Street. This will provide better visibility of the library and avoid vehicle queuing at the intersection of Foothill Boulevard and La Crescenta Avenue.
- It is recommended that way finding signs and markers be provided at nearby intersections and at quarter-mile locations on Foothill Boulevard and La Crescenta Avenue, to avoid traffic slow-down caused by newly attracted unfamiliar travelers.
- The signal timing at the Foothill Boulevard/La Crescenta Avenue intersection shall be optimized within three months after opening of the new expanded library, based on new traffic counts at the time.
- We also recommend obtaining traffic counts and accident data periodically at the study intersections after the project is in place, in an effort to proactively identify unanticipated traffic conditions and safety problems.

The above minor and low-cost improvements are recommended unless major improvements are planned on the surrounding streets under regional programs by Caltrans, LAMTA, or other agencies.

**APPENDIX "A"**  
**Existing Traffic Counts**

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# Intersection Turning Movement

Prepared by: Southland Car Counters

N-S STREET: Dyer St

DATE: 12/9/2004

LOCATION: City of La Crescenta

E-W STREET: Foothill Blvd

DAY: THURSDAY

PROJECT# 04-2125-001

	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	
LANES:	0	1	0	0	1	0	1	2.5	.5	.5	3	.5	
6:00 AM													
6:15 AM													
6:30 AM													
6:45 AM													
7:00 AM	0		0	0	0	5	2	148	3	3	82	3	246
7:15 AM	0		3	0	0	10	6	209	0	0	98	4	330
7:30 AM	2		0	1	1	5	1	292	0	2	136	0	440
7:45 AM	0		1	0	0	7	1	287	0	1	167	3	467
8:00 AM	0		4	0	0	9	4	306	4	2	137	1	467
8:15 AM	1		0	2	0	6	2	311	0	2	167	0	491
8:30 AM	0		2	2	0	6	4	281	2	3	162	0	462
8:45 AM	0		0	0	0	6	5	268	3	3	152	1	438
9:00 AM													
9:15 AM													
9:30 AM													
9:45 AM													
10:00 AM													
10:15 AM													
10:30 AM													
10:45 AM													
11:00 AM													
11:15 AM													
11:30 AM													
11:45 AM													

TOTAL VOLUMES =	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
	3	0	10	5	1	54	25	2102	12	16	1101	12	3341

AM Peak Hr Begins at: 745 AM

PEAK VOLUMES =	1	0	7	4	0	28	11	1185	6	8	633	4	1887
PEAK HR. FACTOR:	0.500			0.889			0.957			0.943			0.961

CONTROL: Two Way Stop, NB & SB

# Intersection Turning Movement

Prepared by: Southland Car Counters

N-S STREET: Dyer St

DATE: 12/9/2004

LOCATION: City of La Crescenta

E-W STREET: Foothill Blvd

DAY: THURSDAY

PROJECT# 04-2125-001

LANES:	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	
	0	1	0	0	1	0	1	2.5	.5	.5	3	.5	
1:00 PM													
1:15 PM													
1:30 PM													
1:45 PM													
2:00 PM													
2:15 PM													
2:30 PM													
2:45 PM													
3:00 PM													
3:15 PM													
3:30 PM													
3:45 PM													
4:00 PM	0		1	3	0	0	2	260	0	4	258	1	529
4:15 PM	0		3	1	0	1	3	237	1	1	292	3	542
4:30 PM	1		3	0	1	0	2	278	1	3	281	1	571
4:45 PM	0		0	2	0	4	6	246	0	2	294	2	556
5:00 PM	0		2	4	0	2	4	258	0	1	283	4	558
5:15 PM	1		0	4	1	6	3	253	0	1	289	2	560
5:30 PM	0		1	2	0	5	4	260	0	0	270	2	544
5:45 PM	0		0	2	0	4	4	252	1	1	258	3	525
6:00 PM													
6:15 PM													
6:30 PM													
6:45 PM													

TOTAL VOLUMES =	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
	2	0	10	18	2	22	28	2044	3	13	2225	18	4385

PM Peak Hr Begins at: 430 PM

PEAK VOLUMES =	2	0	5	10	2	12	15	1035	1	7	1147	9	2245
PEAK HR. FACTOR:		0.438			0.545			0.935			0.976		0.983

CONTROL: Two Way Stop, NB & SB

# Intersection Turning Movement

Prepared by: Southland Car Counters

N-S STREET: La Crescenta

DATE: 12/9/2004

LOCATION: City of La Crescenta

E-W STREET: Foothill Blvd

DAY: THURSDAY

PROJECT# 04-2125-002

LANES:	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	
	1	2	1	1	.5	.5	1	2	0	1	2	0	
6:00 AM													
6:15 AM													
6:30 AM													
6:45 AM													
7:00 AM	20	14	14	4	83	7	7	80	65	18	50	3	365
7:15 AM	29	30	16	7	98	11	12	91	92	19	83	0	488
7:30 AM	36	78	28	13	138	10	24	174	79	22	143	17	762
7:45 AM	53	70	27	32	132	8	25	212	66	21	149	19	814
8:00 AM	47	30	23	22	113	12	7	189	94	20	80	9	646
8:15 AM	45	16	33	12	95	6	6	177	109	26	93	9	627
8:30 AM	39	15	18	11	77	7	3	183	99	15	79	8	554
8:45 AM	41	22	35	14	65	8	15	203	89	30	87	9	618
9:00 AM													
9:15 AM													
9:30 AM													
9:45 AM													
10:00 AM													
10:15 AM													
10:30 AM													
10:45 AM													
11:00 AM													
11:15 AM													
11:30 AM													
11:45 AM													

TOTAL VOLUMES =	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
	310	275	194	115	801	69	99	1309	693	171	764	74	4874

AM Peak Hr Begins at: 730 AM

PEAK VOLUMES =	181	194	111	79	478	36	62	752	348	89	465	54	2849
PEAK HR. FACTOR:		0.810			0.862			0.959			0.804		0.875

CONTROL: Signalized

# Intersection Turning Movement

Prepared by: Southland Car Counters

N-S STREET: La Crescenta

DATE: 12/9/2004

LOCATION: City of La Crescenta

E-W STREET: Foothill Blvd

DAY: THURSDAY

PROJECT# 04-2125-002

LANES:	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	
	1	2	1	1	.5	.5	1	2	0	1	2	0	
1:00 PM													
1:15 PM													
1:30 PM													
1:45 PM													
2:00 PM													
2:15 PM													
2:30 PM													
2:45 PM													
3:00 PM													
3:15 PM													
3:30 PM													
3:45 PM													
4:00 PM	78	62	65	12	47	13	12	186	78	18	224	8	803
4:15 PM	66	56	52	15	42	15	9	167	51	19	199	9	700
4:30 PM	86	55	57	10	45	10	8	191	81	25	219	13	800
4:45 PM	76	68	60	9	29	8	14	189	56	26	238	12	785
5:00 PM	81	52	52	6	29	12	13	189	73	28	226	5	766
5:15 PM	85	68	48	19	31	19	6	188	68	32	211	12	787
5:30 PM	83	71	46	15	48	21	14	187	59	24	231	7	806
5:45 PM	91	71	57	18	46	14	20	178	49	28	191	8	771
6:00 PM													
6:15 PM													
6:30 PM													
6:45 PM													

TOTAL VOLUMES =	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
	646	503	437	104	317	112	96	1475	515	200	1739	74	6218

PM Peak Hr Begins at: 445 PM

PEAK VOLUMES =	325	259	206	49	137	60	47	753	256	110	906	36	3144
PEAK HR. FACTOR:	0.968			0.732			0.960			0.953			0.975

CONTROL: Signalized

# Intersection Turning Movement

Prepared by: Southland Car Counters

N-S STREET: La Crescenta

DATE: 12/9/2004

LOCATION: City of La Crescenta

E-W STREET: Sanborn

DAY: THURSDAY

PROJECT# 04-2125-003

LANES:	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	
	0	1	0	0	1	0	0	1	0	0	1	0	
6:00 AM													
6:15 AM													
6:30 AM													
6:45 AM													
7:00 AM	0	20	1	1	97	2	0	0	3	0	0	0	124
7:15 AM	0	41	0	5	112	2	0	0	2	1	0	1	164
7:30 AM	1	121	1	3	167	0	1	1	4	0	0	0	299
7:45 AM	1	104	3	9	174	2	0	0	7	1	0	0	301
8:00 AM	4	39	4	3	126	2	0	0	6	2	0	0	186
8:15 AM	3	24	1	0	97	1	0	0	3	2	0	1	132
8:30 AM	2	24	0	1	85	2	0	1	6	1	0	0	122
8:45 AM	2	37	0	0	81	2	0	1	5	1	1	0	130
9:00 AM													
9:15 AM													
9:30 AM													
9:45 AM													
10:00 AM													
10:15 AM													
10:30 AM													
10:45 AM													
11:00 AM													
11:15 AM													
11:30 AM													
11:45 AM													

TOTAL VOLUMES =	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
	13	410	10	22	939	13	1	3	36	8	1	2	1458

AM Peak Hr Begins at: 7:15 AM

PEAK VOLUMES =	6	305	8	20	579	6	1	1	19	4	0	1	950
PEAK HR. FACTOR:		0.648			0.818				0.750		0.625		0.789

CONTROL: Two Way Stop, EB & WB

# Intersection Turning Movement

Prepared by: Southland Car Counters

N-S STREET: La Crescenta

DATE: 12/9/2004

LOCATION: City of La Crescenta

E-W STREET: Sanborn

DAY: THURSDAY

PROJECT# 04-2125-003

LANES:	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	
1:00 PM	0	1	0	0	1	0	0	1	0	0	1	0	
1:15 PM													
1:30 PM													
1:45 PM													
2:00 PM													
2:15 PM													
2:30 PM													
2:45 PM													
3:00 PM													
3:15 PM													
3:30 PM													
3:45 PM													
4:00 PM	4	70	0	4	70	1	0	1	1	3	1	1	156
4:15 PM	3	57	2	1	75	0	1	1	5	0	4	3	152
4:30 PM	6	77	0	2	59	2	3	3	2	0	1	0	155
4:45 PM	0	90	2	0	39	3	0	1	2	1	0	2	140
5:00 PM	0	65	0	2	47	0	0	0	3	0	2	1	120
5:15 PM	1	82	2	0	60	0	0	4	3	1	2	2	157
5:30 PM	8	88	1	3	80	3	0	0	2	0	2	0	187
5:45 PM	11	95	1	3	68	0	0	0	4	1	1	1	185
6:00 PM													
6:15 PM													
6:30 PM													
6:45 PM													

TOTAL VOLUMES =	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
	33	624	8	15	498	9	4	10	22	6	13	10	1252

PM Peak Hr Begins at: 500 PM

PEAK VOLUMES =	20	330	4	8	255	3	0	4	12	2	7	4	649
PEAK HR. FACTOR:	0.827			0.773			0.571			0.650			0.868

CONTROL: Two Way Stop, EB & WB

# Intersection Turning Movement

Prepared by: Southland Car Counters

N-S STREET: La Crescenta

DATE: 12/9/2004

LOCATION: City of La Crescenta

E-W STREET: Mary St

DAY: THURSDAY

PROJECT# 04-2125-004

LANES:	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	
	0	2	0	0	2	0	0	1	0	0	1	0	
6:00 AM													
6:15 AM													
6:30 AM													
6:45 AM													
7:00 AM	5	134	0	0	214	0	0		12	0	0	0	365
7:15 AM	4	148	1	0	244	2	0		19	1	0	2	421
7:30 AM	7	125	3	1	251	2	0		24	1	1	3	418
7:45 AM	5	127	0	0	202	4	1		12	3	0	4	358
8:00 AM	10	133	2	1	182	3	0		12	0	0	4	347
8:15 AM	8	118	2	0	179	3	1		10	2	1	2	326
8:30 AM	7	104	0	0	164	3	0		6	0	0	1	285
8:45 AM	2	100	1	0	190	3	1		6	1	0	0	304
9:00 AM													
9:15 AM													
9:30 AM													
9:45 AM													
10:00 AM													
10:15 AM													
10:30 AM													
10:45 AM													
11:00 AM													
11:15 AM													
11:30 AM													
11:45 AM													

TOTAL VOLUMES =	NL 48	NT 989	NR 9	SL 2	ST 1626	SR 20	EL 3	ET 0	ER 101	WL 8	WT 2	WR 16	TOTAL 2824
-----------------	----------	-----------	---------	---------	------------	----------	---------	---------	-----------	---------	---------	----------	---------------

AM Peak Hr Begins at: 700 AM

PEAK VOLUMES =	21	534	4	1	911	8	1	0	67	5	1	9	1562
PEAK HR. FACTOR:		0.913			0.906			0.708			0.536		0.928

CONTROL: Two Way Stop, EB & WB

# Intersection Turning Movement

Prepared by: Southland Car Counters

N-S STREET: La Crescenta

DATE: 12/9/2004

LOCATION: City of La Crescenta

E-W STREET: Mary St

DAY: THURSDAY

PROJECT# 04-2125-004

LANES:	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	
1:00 PM	0	2	0	0	2	0	0	1	0	0	1	0	
1:15 PM													
1:30 PM													
1:45 PM													
2:00 PM													
2:15 PM													
2:30 PM													
2:45 PM													
3:00 PM													
3:15 PM													
3:30 PM													
3:45 PM													
4:00 PM	7	205	0	0	138	1	0		4	0	0	2	357
4:15 PM	8	238	2	0	130	2	1		4	1	0	0	386
4:30 PM	7	220	0	2	116	4	1		3	0	0	0	353
4:45 PM	8	198	2	4	112	4	0		1	0	0	2	331
5:00 PM	9	193	2	3	142	3	1		5	3	0	2	363
5:15 PM	12	179	2	4	133	3	0		4	0	0	3	340
5:30 PM	8	167	3	2	124	1	2		2	1	1	0	311
5:45 PM	6	164	0	2	108	1	0		2	0	0	2	285
6:00 PM													
6:15 PM													
6:30 PM													
6:45 PM													

TOTAL VOLUMES =	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
	65	1564	11	17	1003	19	5	0	25	5	1	11	2726

PM Peak Hr Begins at: 415 PM

PEAK VOLUMES =	32	849	6	9	500	13	3	0	13	4	0	4	1433
PEAK HR. FACTOR:		0.894			0.882			0.667			0.400		0.928

CONTROL: Two Way Stop, EB & WB

# Intersection Turning Movement

Prepared by: Southland Car Counters

N-S STREET: Dyer St

DATE: 12/9/2004

LOCATION: City of La Crescenta

E-W STREET: Sanborn

DAY: THURSDAY

PROJECT# 04-2125-005

LANES:	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	
	0	1	0	0	1	0	0	1	0	0	1	0	
6:00 AM													
6:15 AM													
6:30 AM													
6:45 AM													
7:00 AM	0	0	0	0	1			1	0	1	0	2	5
7:15 AM	0	1	1	1	5			2	1	1	1	0	13
7:30 AM	0	16	3	0	18			5	1	1	1	1	46
7:45 AM	1	10	0	2	14			5	1	2	1	0	36
8:00 AM	0	3	0	1	6			3	0	1	0	1	15
8:15 AM	0	1	0	1	1			2	0	0	0	2	7
8:30 AM	0	1	0	1	3			5	1	5	1	0	17
8:45 AM	1	1	1	2	2			4	1	2	1	1	16
9:00 AM													
9:15 AM													
9:30 AM													
9:45 AM													
10:00 AM													
10:15 AM													
10:30 AM													
10:45 AM													
11:00 AM													
11:15 AM													
11:30 AM													
11:45 AM													

TOTAL VOLUMES =	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
	2	33	5	8	50	0	0	27	5	13	5	7	155

AM Peak Hr Begins at: 7:15 AM

PEAK VOLUMES =	1	30	4	4	43	0	0	15	3	5	3	2	110
PEAK HR. FACTOR:		0.461			0.653			0.750			0.833		0.598

CONTROL: Two Way Stop, EB & WB

# Intersection Turning Movement

Prepared by: Southland Car Counters

N-S STREET: Dyer St

DATE: 12/9/2004

LOCATION: City of La Crescenta

E-W STREET: Sanborn

DAY: THURSDAY

PROJECT# 04-2125-005

LANES:	NORTHBOUND			SOUTHBOUND			EASTBOUND			WESTBOUND			TOTAL
	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	
1:00 PM	0	1	0	0	1	0	0	1	0	0	1	0	
1:15 PM													
1:30 PM													
1:45 PM													
2:00 PM													
2:15 PM													
2:30 PM													
2:45 PM													
3:00 PM													
3:15 PM													
3:30 PM													
3:45 PM													
4:00 PM	0	4	0	1	3	0	0	1	3	2	1	15	
4:15 PM	0	2	1	2	1	0	4	1	0	2	3	16	
4:30 PM	0	5	4	2	0	0	1	0	3	3	1	19	
4:45 PM	2	4	0	1	4	0	1	0	3	6	1	22	
5:00 PM	0	2	0	3	4	0	2	0	0	3	1	15	
5:15 PM	0	3	2	2	2	0	2	0	1	1	0	13	
5:30 PM	0	6	0	0	3	0	2	0	5	0	2	18	
5:45 PM	2	5	2	0	1	0	1	2	4	8	1	26	
6:00 PM													
6:15 PM													
6:30 PM													
6:45 PM													

TOTAL VOLUMES =	NL	NT	NR	SL	ST	SR	EL	ET	ER	WL	WT	WR	TOTAL
	4	31	9	11	18	0	0	13	4	19	25	10	144

PM Peak Hr Begins at: 500 PM

PEAK VOLUMES =	2	16	4	5	10	0	0	7	2	10	12	4	72
PEAK HR. FACTOR:	0.611			0.536			0.750			0.500			0.692

CONTROL: Two Way Stop, EB & WB

**APPENDIX "B"**  
**Synchro LOS Calculation Sheets**

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10: DYER ST & Foothill Blvd

Existing Volume (AM Peak Hour)



Movement	NB	NB	NB	SB	SB	SE	SE	SE	SE	NW	NW	NW
Lane Configurations	↕		↕		↗		↕		↗		↕	
Sign Control	Stop		Stop		Free		Free		Free		Free	
Grade	0%		0%		0%		0%		0%		0%	
Volume (veh/h)	2	0	5	3	1	27	13	1051	6	8	551	6
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	2	0	5	3	1	29	14	1142	7	9	599	7
Pedestrians	5		5		5		5		5		5	
Lane Width (ft)	12.0		12.0		12.0		12.0		12.0		12.0	
Walking Speed (ft/s)	4.0		4.0		4.0		4.0		4.0		4.0	
Percent Blockage	0		0		0		0		0		0	
Right turn flare (veh)												
Median type	None		None									
Median storage (veh)												
Upstream signal (ft)											392	
pX, platoon unblocked	0.94	0.94		0.94	0.94	0.94	0.94					
vC, conflicting volume	1531	1807	584	1234	1807	313	610			1154		
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	1500	1794	584	1185	1794	203	520			1154		
tC, single (s)	7.5	6.5	6.9	7.5	6.5	6.9	4.1			4.1		
tC, 2 stage (s)												
tF (s)	3.5	4.0	3.3	3.5	4.0	3.3	2.2			2.2		
p0 queue free %	97	100	99	97	98	96	99			99		
cM capacity (veh/h)	72	72	451	129	72	748	975			599		

Direction Lane #	NB 1	SB 1	SE 1	SE 2	SE 3	NW 1	NW 2	NW 3
Volume Total	8	34	14	762	387	9	399	206
Volume Left	2	3	14	0	0	9	0	0
Volume Right	5	29	0	0	7	0	0	7
cSH	181	424	975	1700	1700	599	1700	1700
Volume to Capacity	0.04	0.08	0.01	0.45	0.23	0.01	0.23	0.12
Queue Length 95th (ft)	3	6	1	0	0	1	0	0
Control Delay (s)	25.8	14.2	8.7	0.0	0.0	11.1	0.0	0.0
Lane LOS	D	B	A			B		
Approach Delay (s)	25.8	14.2	0.1			0.2		
Approach LOS	D	B						

Intersection Summary			
Average Delay	0.5		
Intersection Capacity Utilization	40.8%	ICU Level of Service	A
Analysis Period (min)	15		

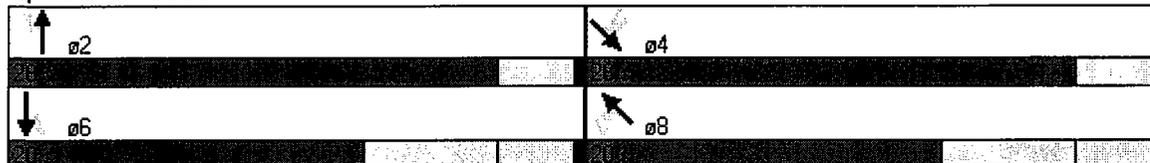


Phase	1	2	3	4	5	6	7	8
Lane Configurations	↖	↑↓	↗	↑	↖	↑↓	↗	↑↓
Volume (vph)	155	138	58	401	50	655	86	382
Turn Type	Perm		Perm		Perm		Perm	
Protected Phases		2		6		4		8
Permitted Phases	2		6		4		8	
Detector Phases	2	2	6	6	4	4	8	8
Minimum Initial (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Minimum Split (s)	26.0	26.0	20.0	20.0	26.0	26.0	20.0	20.0
Total Split (s)	26.0	26.0	20.0	20.0	26.0	26.0	20.0	20.0
Total Split (%)	50.0%	50.0%	38.5%	38.5%	50.0%	50.0%	38.5%	38.5%
Yellow Time (s)	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
All-Red Time (s)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Lead/Lag								
Lead-Lag Optimize?								
Recall Mode	C-Max	C-Max	C-Max	C-Max	None	None	None	None
Act Effect Green (s)	24.5	24.5	24.5	24.5	19.5	19.5	19.5	19.5
Actuated g/C Ratio	0.47	0.47	0.47	0.47	0.38	0.38	0.38	0.38
v/c Ratio	0.56	0.16	0.12	0.54	0.16	0.78	0.73	0.34
Control Delay	22.0	5.7	9.9	13.5	10.7	13.6	39.7	11.0
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	22.0	5.7	9.9	13.5	10.7	13.6	39.7	11.0
LOS	C	A	A	B	B	B	D	B
Approach Delay		12.2		13.1		13.4		15.9
Approach LOS		B		B		B		B

**Intersection Summary**

Cycle Length: 52  
 Actuated Cycle Length: 52  
 Offset: 0 (0%), Referenced to phase 2:NBTL and 6:SBTL, Start of Green  
 Natural Cycle: 55  
 Control Type: Actuated-Coordinated  
 Maximum v/c Ratio: 0.78  
 Intersection Signal Delay: 13.7      Intersection LOS: B  
 Intersection Capacity Utilization 79.4%      ICU Level of Service D  
 Analysis Period (min) 15

Splits and Phases: 20: LA CRESCENTA AVE & Foothill Blvd



30: LA CRESCENTA AVE & SANBORN

Existing Volume (AM Peak Hour)



Movement	NB	NE	NBR	SB	SBL	SBR	SE	SEL	SEB	NW	NWL	NWR
Lane Configurations	↕		↕		↕		↕		↕		↕	
Sign Control	Free		Free		Stop		Stop		Stop		Stop	
Grade	0%		0%		0%		0%		0%		0%	
Volume (veh/h)	7	205	5	11	470	7	1	2	18	4	1	1
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	8	223	5	12	511	8	1	2	20	4	1	1
Pedestrians	5		5		5		5		5		5	
Lane Width (ft)	12.0		12.0		12.0		12.0		12.0		12.0	
Walking Speed (ft/s)	4.0		4.0		4.0		4.0		4.0		4.0	
Percent Blockage	0		0		0		0		0		0	
Right turn flare (veh)												
Median type					None		None		None		None	
Median storage veh												
Upstream signal (ft)	337											
pX, platoon unblocked												
vC, conflicting volume	523			233			791	792	525	810	793	236
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	523			233			791	792	525	810	793	236
tC, single (s)	4.1			4.1			7.1	6.5	6.2	7.1	6.5	6.2
tC, 2 stage (s)												
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	99			99			100	99	96	98	100	100
cM capacity (veh/h)	1039			1329			298	314	548	279	313	797

Direction Lane #	NB 1	SB 1	SE 1	NW 1
Volume Total	236	530	23	7
Volume Left	8	12	1	4
Volume Right	5	8	20	1
cSH	1039	1329	493	319
Volume to Capacity	0.01	0.01	0.05	0.02
Queue Length 95th (ft)	1	1	4	2
Control Delay (s)	0.3	0.3	12.7	16.5
Lane LOS	A	A	B	C
Approach Delay (s)	0.3	0.3	12.7	16.5
Approach LOS			B	C

Intersection Summary			
Average Delay	0.8		
Intersection Capacity Utilization	41.3%	ICU Level of Service	A
Analysis Period (min)	15		

40: LA CRESCENTA AVE & MARY ST

Existing Volume (AM Peak Hour)



Direction	NB	NB	NB	SB	SB	SE	SE	SE	SE	NW	NW			
Lane Configurations	↖	↑↑		↖	↑↑		↖	↑		↖	↑			
Sign Control	Free				Free				Stop					
Grade	0%				0%				0%					
Volume (veh/h)	24	495	5	1	813	10	2	0	51	4	1	8		
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92		
Hourly flow rate (vph)	26	538	5	1	884	11	2	0	55	4	1	9		
Pedestrians	5				5				5					
Lane Width (ft)	12.0				12.0				12.0					
Walking Speed (ft/s)	4.0				4.0				4.0					
Percent Blockage	0				0				0					
Right turn flare (veh)														
Median type					None				None					
Median storage (veh)														
Upstream signal (ft)					323									
pX, platoon unblocked														
vC, conflicting volume	900				548				1232	1497	457	1102	1500	282
vC1, stage 1 conf vol														
vC2, stage 2 conf vol														
vCu, unblocked vol	900				548				1232	1497	457	1102	1500	282
tC, single (s)	4.1				4.1				7.5	6.5	6.9	7.5	6.5	6.9
tC, 2 stage (s)														
tF (s)	2.2				2.2				3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	97				100				98	100	90	97	99	99
cM capacity (veh/h)	748				1013				125	116	546	143	116	709

Direction Lane #	NB 1	NB 2	NB 3	SB 1	SB 2	SB 3	SE 1	SE 2	NW 1	NW 2		
Volume Total	26	359	185	1	589	305	2	55	4	10		
Volume Left	26	0	0	1	0	0	2	0	4	0		
Volume Right	0	0	5	0	0	11	0	55	0	9		
cSH	748	1700	1700	1013	1700	1700	125	546	143	452		
Volume to Capacity	0.03	0.21	0.11	0.00	0.35	0.18	0.02	0.10	0.03	0.02		
Queue Length 95th (ft)	3	0	0	0	0	0	1	8	2	2		
Control Delay (s)	10.0	0.0	0.0	8.6	0.0	0.0	34.2	12.3	31.0	13.1		
Lane LOS	A				A				D	B	D	B
Approach Delay (s)	0.5				0.0				13.2	18.6		
Approach LOS									B	C		

Intersection Summary		
Average Delay	0.8	
Intersection Capacity Utilization	34.6%	ICU Level of Service
Analysis Period (min)	15	

50: DYER ST & SANBORN

Existing Volume (AM Peak Hour)



Movement	NB	NE	EB	SE	SB	SW	WB	WN	WB	WN	WB	WN
Lane Configurations		↕			↕			↕			↕	
Sign Control		Stop			Stop			Stop			Stop	
Volume (vph)	1	17	3	4	25	0	0	14	3	7	3	4
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	1	18	3	4	27	0	0	15	3	8	3	4

Direction	LANE 1	LANE 2	LANE 3	LANE 4
Volume Total (vph)	23	32	18	15
Volume Left (vph)	1	4	0	8
Volume Right (vph)	3	0	3	4
Hadj (s)	-0.04	0.06	-0.07	-0.04
Departure Headway (s)	4.0	4.1	4.0	4.0
Degree Utilization, x	0.03	0.04	0.02	0.02
Capacity (veh/h)	888	875	890	883
Control Delay (s)	7.1	7.2	7.0	7.1
Approach Delay (s)	7.1	7.2	7.0	7.1
Approach LOS	A	A	A	A

Intersection Summary			
Delay		7.1	
HCM Level of Service		A	
Intersection Capacity Utilization	19.6%		ICU Level of Service
Analysis Period (min)		15	A

10: DYER ST & FOOTHILL BLVD

Existing Volume (PM Peak Hour)



	NS1	NS2	SB1	SB2	SB3	SB4	SB5	SB6	SB7	SB8	SB9
Lane Configurations	↕		↕		↙			↕		↘	
Sign Control	Stop		Stop		Free			Free		Free	
Grade	0%		0%		0%			0%		0%	
Volume (veh/h)	1	0	5	9	1	11	14	1022	2	7	1113
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	1	0	5	10	1	12	15	1111	2	8	1210
Pedestrians	5		5		5			5		5	
Lane Width (ft)	12.0		12.0		12.0			12.0		12.0	
Walking Speed (ft/s)	4.0		4.0		4.0			4.0		4.0	
Percent Blockage	0		0		0			0		0	
Right turn flare (veh)											
Median type	None		None								
Median storage (veh)											
Upstream signal (ft)										392	
pX, platoon unblocked	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79
vC, conflicting volume	1785	2387	567	1831	2383	620	1225		1118		
vC1, stage 1 conf vol											
vC2, stage 2 conf vol											
vCu, unblocked vol	1726	2493	567	1785	2488	243	1013		1118		
tC, single (s)	7.5	6.5	6.9	7.5	6.5	6.9	4.1		4.1		
tC, 2 stage (s)											
tF (s)	3.5	4.0	3.3	3.5	4.0	3.3	2.2		2.2		
p0 queue free %	97	100	99	74	95	98	97		99		
cM capacity (veh/h)	40	21	463	38	22	590	532		618		

Direction	LANE 1	LANE 2	LANE 3	LANE 4	LANE 5	LANE 6	LANE 7	LANE 8	LANE 9
Volume Total	7	23	15	741	372	8	807	413	
Volume Left	1	10	15	0	0	8	0	0	
Volume Right	5	12	0	0	2	0	0	10	
cSH	168	70	532	1700	1700	618	1700	1700	
Volume to Capacity	0.04	0.33	0.03	0.44	0.22	0.01	0.47	0.24	
Queue Length 95th (ft)	3	30	2	0	0	1	0	0	
Control Delay (s)	27.2	79.9	12.0	0.0	0.0	10.9	0.0	0.0	
Lane LOS	D	F	B			B			
Approach Delay (s)	27.2	79.9	0.2			0.1			
Approach LOS	D	F							

Intersection Summary		
Average Delay	1.0	
Intersection Capacity Utilization	42.6%	ICU Level of Service A
Analysis Period (min)	15	

20: LA CRESCENTA AVE & Foothill Blvd

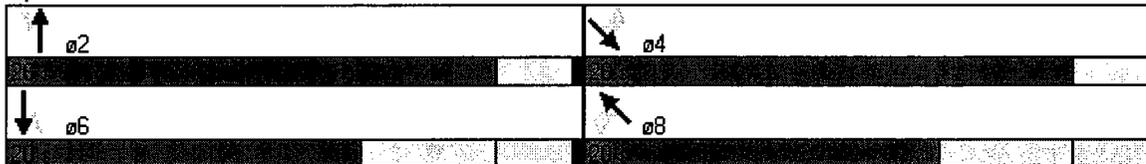
Existing Volume (PM Peak Hour)



Phase Group	NB	NB	SB	SB	SE	SE	WB	WB
Lane Configurations	↖	↕	↖	↕	↖	↕	↖	↕
Volume (vph)	323	252	52	159	48	738	100	870
Turn Type	Perm		Perm		Perm		Perm	
Protected Phases		2		6		4		8
Permitted Phases	2		6		4		8	
Detector Phases	2	2	6	6	4	4	8	8
Minimum Initial (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Minimum Split (s)	26.0	26.0	20.0	20.0	26.0	26.0	20.0	20.0
Total Split (s)	26.0	26.0	20.0	20.0	26.0	26.0	20.0	20.0
Total Split (%)	50.0%	50.0%	38.5%	38.5%	50.0%	50.0%	38.5%	38.5%
Yellow Time (s)	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
All-Red Time (s)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Lead/Lag	Lead-Lag Optimize?							
Recall Mode	C-Max	C-Max	C-Max	C-Max	None	None	None	None
Act Effct Green (s)	23.5	23.5	23.5	23.5	20.5	20.5	20.5	20.5
Actuated g/C Ratio	0.45	0.45	0.45	0.45	0.39	0.39	0.39	0.39
v/c Ratio	0.70	0.34	0.16	0.28	0.39	0.77	0.81	0.71
Control Delay	22.9	8.9	10.8	9.1	19.1	15.1	52.6	15.3
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	22.9	8.9	10.8	9.1	19.1	15.1	52.6	15.3
LOS	C	A	B	A	B	B	D	B
Approach Delay		14.6		9.4		15.2		19.0
Approach LOS		B		A		B		B

Intersection Summary	
Cycle Length:	52
Actuated Cycle Length:	52
Offset:	0 (0%), Referenced to phase 2:NBTL and 6:SBTL, Start of Green
Natural Cycle:	55
Control Type:	Actuated-Coordinated
Maximum v/c Ratio:	0.81
Intersection Signal Delay:	15.8
Intersection LOS:	B
Intersection Capacity Utilization	78.9%
ICU Level of Service	D
Analysis Period (min)	15

Splits and Phases: 20: LA CRESCENTA AVE & Foothill Blvd



30: LA CRESCENTA AVE & SANBORN

Existing Volume (PM Peak Hour)



	NE	SE	SW	NW
Lane Configurations	↕		↕	
Sign Control	Free		Free	
Grade	0%		0%	
Volume (veh/h)	17	312	4	8
Peak Hour Factor	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	18	339	4	9
Pedestrians	5		5	
Lane Width (ft)	12.0		12.0	
Walking Speed (ft/s)	4.0		4.0	
Percent Blockage	0		0	
Right turn flare (veh)				
Median type	None		None	
Median storage (veh)				
Upstream signal (ft)	337			
pX, platoon unblocked			0.93	0.93
vC, conflicting volume	281		348	688
vC1, stage 1 conf vol			681	283
vC2, stage 2 conf vol			694	682
vCu, unblocked vol	281		296	663
tC, single (s)	4.1		4.1	7.1
tC, 2 stage (s)			6.5	6.2
tF (s)	2.2		2.2	3.5
p0 queue free %	99		99	99
cM capacity (veh/h)	1276		1166	328

Direction	lane 1	lane 2	lane 3	lane 4
Volume Total	362	285	20	16
Volume Left	18	9	2	3
Volume Right	4	5	12	5
cSH	1276	1166	511	407
Volume to Capacity	0.01	0.01	0.04	0.04
Queue Length 95th (ft)	1	1	3	3
Control Delay (s)	0.5	0.3	12.3	14.2
Lane LOS	A	A	B	B
Approach Delay (s)	0.5	0.3	12.3	14.2
Approach LOS			B	B

Intersection Summary	
Average Delay	1.1
Intersection Capacity Utilization	35.6%
ICU Level of Service	A
Analysis Period (min)	15



	NB	SB	NW	NE
Lane Configurations	↖ ↗	↖ ↗	↖ ↗	↖ ↗
Sign Control	Free		Stop	
Grade	0%		0%	
Volume (veh/h)	33	782	6	9
Peak Hour Factor	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	36	850	7	10
Pedestrians	5		5	
Lane Width (ft)	12.0		12.0	
Walking Speed (ft/s)	4.0		4.0	
Percent Blockage	0		0	
Right turn flare (veh)				
Median type			None	
Median storage (veh)				
Upstream signal (ft)			323	
pX, platoon unblocked				
vC, conflicting volume	562		862	
vC1, stage 1 conf vol				
vC2, stage 2 conf vol				
vCu, unblocked vol	562		862	
tC, single (s)	4.1		4.1	
tC, 2 stage (s)				
tF (s)	2.2		2.2	
p0 queue free %	96		99	
cM capacity (veh/h)	1002		773	

Direction / Lane #	NB 1	NB 2	NB 3	SB 1	SB 2	SB 3	SE 1	SE 2	NW 1	NW 2
Volume Total	36	567	290	10	364	193	3	14	3	8
Volume Left	36	0	0	10	0	0	3	0	3	0
Volume Right	0	0	7	0	0	11	0	14	0	7
cSH	1002	1700	1700	773	1700	1700	159	703	122	358
Volume to Capacity	0.04	0.33	0.17	0.01	0.21	0.11	0.02	0.02	0.03	0.02
Queue Length 95th (ft)	3	0	0	1	0	0	2	2	2	2
Control Delay (s)	8.7	0.0	0.0	9.7	0.0	0.0	28.1	10.2	35.3	15.3
Lane LOS	A			A			D	B	E	C
Approach Delay (s)	0.4		0.2				13.6		21.3	
Approach LOS							B		C	

Intersection Summary	
Average Delay	0.6
Intersection Capacity Utilization	39.0%
ICU Level of Service	A
Analysis Period (min)	15

50: DYER ST & SANBORN

Existing Volume (PM Peak Hour)



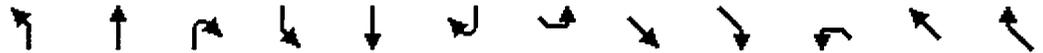
	NE	SE	SW	NW
Lane Configurations	↕	↕	↕	↕
Sign Control	Stop	Stop	Stop	Stop
Volume (vph)	2	16	5	6
Peak Hour Factor	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	2	17	5	7

	NE	SE	SW	NW
Volume Total (vph)	25	16	10	30
Volume Left (vph)	2	7	0	11
Volume Right (vph)	5	0	2	5
Hadj (s)	-0.08	0.11	-0.10	0.00
Departure Headway (s)	3.9	4.1	3.9	4.0
Degree Utilization, x	0.03	0.02	0.01	0.03
Capacity (veh/h)	895	859	902	887
Control Delay (s)	7.0	7.2	7.0	7.1
Approach Delay (s)	7.0	7.2	7.0	7.1
Approach LOS	A	A	A	A

Delay	7.1
HCM Level of Service	A
Intersection Capacity Utilization	20.6%
ICU Level of Service	A
Analysis Period (min)	15

10: DYER ST & FOOTHILL BLVD

Future No-Build Volume (AM Peak Hour)



	NB	SB	SE	SW	NB	SB	SE	SW	NB	SB	SE	SW
Lane Configurations	↕		↕		↙		↘		↙		↘	
Sign Control	Stop		Stop		Free		Free		Free		Free	
Grade	0%		0%		0%		0%		0%		0%	
Volume (veh/h)	2	0	5	3	1	27	13	1051	6	8	551	6
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	2	0	6	3	1	31	15	1188	7	9	623	7
Pedestrians	5		5		5		5		5		5	
Lane Width (ft)	12.0		12.0		12.0		12.0		12.0		12.0	
Walking Speed (ft/s)	4.0		4.0		4.0		4.0		4.0		4.0	
Percent Blockage	0		0		0		0		0		0	
Right turn flare (veh)												
Median type	None		None									
Median storage (veh)												
Upstream signal (ft)											392	
pX, platoon unblocked	0.93	0.93		0.93	0.93	0.93	0.93					
vC, conflicting volume	1591	1879	607	1283	1879	325	635			1200		
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	1563	1870	607	1233	1870	208	539			1200		
tC, single (s)	7.5	6.5	6.9	7.5	6.5	6.9	4.1			4.1		
tC, 2 stage (s)												
tF (s)	3.5	4.0	3.3	3.5	4.0	3.3	2.2			2.2		
p0 queue free %	96	100	99	97	98	96	98			98		
cM capacity (veh/h)	64	64	435	118	64	740	954			575		

Direction Lane	NB 1	SB 1	SE 1	SE 2	SE 3	NW 1	NW 2	NW 3
Volume Total	8	35	15	792	403	9	415	214
Volume Left	2	3	15	0	0	9	0	0
Volume Right	6	31	0	0	7	0	0	7
cSH	164	400	954	1700	1700	575	1700	1700
Volume to Capacity	0.05	0.09	0.02	0.47	0.24	0.02	0.24	0.13
Queue Length 95th (ft)	4	7	1	0	0	1	0	0
Control Delay (s)	28.0	14.9	8.8	0.0	0.0	11.4	0.0	0.0
Lane LOS	D	B	A			B		
Approach Delay (s)	28.0	14.9	0.1			0.2		
Approach LOS	D	B						

Intersection Summary		
Average Delay	0.5	
Intersection Capacity Utilization	42.0%	ICU Level of Service A
Analysis Period (min)	15	



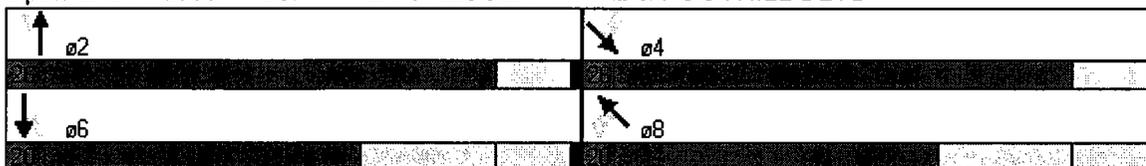
	1	2	3	4	5	6	7	8
Lane Configurations	↖	↕	↖	↕	↖	↕	↖	↕
Volume (vph)	155	138	58	401	50	655	86	382
Turn Type	Perm		Perm		Perm		Perm	
Protected Phases		2		6		4		8
Permitted Phases	2		6		4		8	
Detector Phases	2	2	6	6	4	4	8	8
Minimum Initial (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Minimum Split (s)	26.0	26.0	20.0	20.0	26.0	26.0	20.0	20.0
Total Split (s)	26.0	26.0	20.0	20.0	26.0	26.0	20.0	20.0
Total Split (%)	50.0%	50.0%	38.5%	38.5%	50.0%	50.0%	38.5%	38.5%
Yellow Time (s)	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
All-Red Time (s)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Lead/Lag								
Lead-Lag Optimize?								
Recall Mode	C-Max	C-Max	C-Max	C-Max	None	None	None	None
Act Effct Green (s)	24.2	24.2	24.2	24.2	19.8	19.8	19.8	19.8
Actuated g/C Ratio	0.47	0.47	0.47	0.47	0.38	0.38	0.38	0.38
v/c Ratio	0.62	0.17	0.13	0.57	0.17	0.80	0.75	0.35
Control Delay	26.2	5.9	10.0	14.1	10.9	14.2	42.4	11.0
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	26.2	5.9	10.0	14.1	10.9	14.2	42.4	11.0
LOS	C	A	A	B	B	B	D	B
Approach Delay		14.0		13.6		14.0		16.4
Approach LOS		B		B		B		B

**Phase Sequence Summary**

Cycle Length: 52  
 Actuated Cycle Length: 52  
 Offset: 0 (0%), Referenced to phase 2:NBTL and 6:SBTL, Start of Green  
 Natural Cycle: 55  
 Control Type: Actuated-Coordinated  
 Maximum v/c Ratio: 0.80  
 Intersection Signal Delay: 14.4  
 Intersection Capacity Utilization 82.0%  
 Analysis Period (min) 15

Intersection LOS: B  
 ICU Level of Service D

Splits and Phases: 20: LA CRESCENTA AVE & Foothill Blvd



30: LA CRESCENTA AVE & SANBORN

Future No-Build Volume (AM Peak Hour)



Movement	NB	EB	WB	SB	SEB	SWB	NE	SE	SEB	NW	SW	
Lane Configurations	↕		↕		↕		↕		↕			
Sign Control	Stop											
Volume (vph)	7	205	5	11	470	7	1	2	18	4	1	1
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	8	232	6	12	531	8	1	2	20	5	1	1

Direction	EB	WB	SE	NW
Volume Total (vph)	245	552	24	7
Volume Left (vph)	8	12	1	5
Volume Right (vph)	6	8	20	1
Hadj (s)	0.03	0.03	-0.47	0.07
Departure Headway (s)	4.6	4.3	5.2	5.7
Degree Utilization, x	0.31	0.66	0.03	0.01
Capacity (veh/h)	765	828	598	548
Control Delay (s)	9.6	15.0	8.4	8.8
Approach Delay (s)	9.6	15.0	8.4	8.8
Approach LOS	A	C	A	A

Intersection Summary	
Delay	13.2
HCM Level of Service	B
Intersection Capacity Utilization	42.5%
ICU Level of Service	A
Analysis Period (min)	15



Direction	NB	NB	NB	SB	SB	SB	SB	SB	NW	NW	NW	NW
Lane Configurations	↖	↑↑		↖	↑↑				↖	↑		↑
Sign Control	Free			Free			Stop			Stop		
Grade	0%			0%			0%			0%		
Volume (veh/h)	24	495	5	1	813	10	2	0	51	4	1	8
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	27	560	6	1	919	11	2	0	58	5	1	9
Pedestrians	5			5			5			5		
Lane Width (ft)	12.0			12.0			12.0			12.0		
Walking Speed (ft/s)	4.0			4.0			4.0			4.0		
Percent Blockage	0			0			0			0		
Right turn flare (veh)												
Median type							None			None		
Median storage (veh)												
Upstream signal (ft)	323											
pX, platoon unblocked												
vC, conflicting volume	935			570			1281	1556	475	1146	1559	293
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	935			570			1281	1556	475	1146	1559	293
tC, single (s)	4.1			4.1			7.5	6.5	6.9	7.5	6.5	6.9
tC, 2 stage (s)												
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	96			100			98	100	89	97	99	99
cM capacity (veh/h)	725			994			115	107	531	131	106	698

Direction	NB 1	NB 2	NB 3	SB 1	SB 2	SB 3	SE 1	SE 2	NW 1	NW 2
Volume Total	27	373	192	1	613	318	2	58	5	10
Volume Left	27	0	0	1	0	0	2	0	5	0
Volume Right	0	0	6	0	0	11	0	58	0	9
cSH	725	1700	1700	994	1700	1700	115	531	131	431
Volume to Capacity	0.04	0.22	0.11	0.00	0.36	0.19	0.02	0.11	0.03	0.02
Queue Length 95th (ft)	3	0	0	0	0	0	1	9	3	2
Control Delay (s)	10.2	0.0	0.0	8.6	0.0	0.0	37.0	12.6	33.4	13.6
Lane LOS	B			A			E	B	D	B
Approach Delay (s)	0.5			0.0			13.5	19.6		
Approach LOS							B	C		

Intersection Summary		
Average Delay	0.9	
Intersection Capacity Utilization	35.7%	ICU Level of Service A
Analysis Period (min)	15	

50: DYER ST & SANBORN

Future No-Build Volume (AM Peak Hour)



Movement	NBL	NBT	NBR	SBL	SBT	SBR	SL	SEL	SER	NWL	NWT	NWR
Lane Configurations	↕			↕			↕			↕		
Sign Control	Stop			Stop			Stop			Stop		
Volume (vph)	1	17	3	4	25	0	0	14	3	7	3	4
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	1	19	3	5	28	0	0	16	3	8	3	5

Direction	NE	SE	SW	NW
Volume Total (vph)	24	33	19	16
Volume Left (vph)	1	5	0	8
Volume Right (vph)	3	0	3	5
Hadj (s)	-0.04	0.06	-0.07	-0.04
Departure Headway (s)	4.0	4.1	4.0	4.0
Degree Utilization, x	0.03	0.04	0.02	0.02
Capacity (veh/h)	886	874	889	882
Control Delay (s)	7.1	7.2	7.0	7.1
Approach Delay (s)	7.1	7.2	7.0	7.1
Approach LOS	A	A	A	A

Intersection Summary			
Delay	7.1		
HCM Level of Service	A		
Intersection Capacity Utilization	19.8%	ICU Level of Service	A
Analysis Period (min)	15		

10: DYER ST & FOOTHILL BLVD

Future No-Build Volume (PM Peak Hour)



	NB1	NB2	NB3	SB1	SB2	SB3	SE1	SE2	SE3	NW1	NW2	NW3
Lane Configurations	↕			↕			↙	↕	↕	↙	↕	↕
Sign Control	Stop			Stop			Free			Free		
Grade	0%			0%			0%			0%		
Volume (veh/h)	1	0	5	9	1	11	14	1022	2	7	1113	9
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	1	0	6	10	1	12	16	1155	2	8	1258	10
Pedestrians	5			5			5			5		
Lane Width (ft)	12.0			12.0			12.0			12.0		
Walking Speed (ft/s)	4.0			4.0			4.0			4.0		
Percent Blockage	0			0			0			0		
Right turn flare (veh)												
Median type	None			None								
Median storage (veh)												
Upstream signal (ft)												392
pX, platoon unblocked	0.77	0.77		0.77	0.77	0.77	0.77					
vC, conflicting volume	1856	2482	589	1904	2478	644	1273				1163	
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	1814	2624	589	1876	2619	246	1060				1163	
tC, single (s)	7.5	6.5	6.9	7.5	6.5	6.9	4.1				4.1	
tC, 2 stage (s)												
tF (s)	3.5	4.0	3.3	3.5	4.0	3.3	2.2				2.2	
p0 queue free %	97	100	99	68	94	98	97				99	
cM capacity (veh/h)	34	17	448	32	17	578	503				594	

Direction Lane	NB1	SB1	SE1	SE2	SE3	NW1	NW2	NW3
Volume Total	7	24	16	770	387	8	839	430
Volume Left	1	10	16	0	0	8	0	0
Volume Right	6	12	0	0	2	0	0	10
cSH	146	59	503	1700	1700	594	1700	1700
Volume to Capacity	0.05	0.41	0.03	0.45	0.23	0.01	0.49	0.25
Queue Length 95th (ft)	4	38	2	0	0	1	0	0
Control Delay (s)	30.8	103.3	12.4	0.0	0.0	11.1	0.0	0.0
Lane LOS	D	F	B			B		
Approach Delay (s)	30.8	103.3	0.2			0.1		
Approach LOS	D	F						

Intersection Summary		
Average Delay	1.2	
Intersection Capacity Utilization	43.8%	ICU Level of Service A
Analysis Period (min)	15	



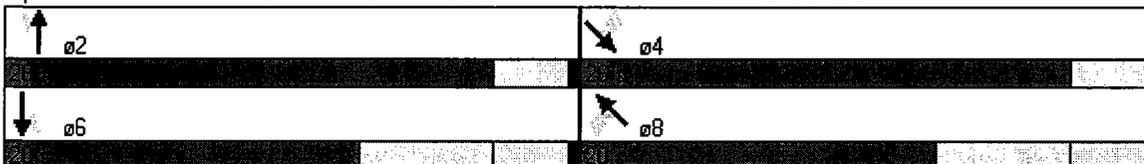
	←	↑	↓	→	←	↑	↓	→
Lane Configurations	←	↑	↓	→	←	↑	↓	→
Volume (vph)	323	252	52	159	48	738	100	870
Turn Type	Perm		Perm		Perm		Perm	
Protected Phases		2		6		4		8
Permitted Phases	2		6		4		8	
Detector Phases	2	2	6	6	4	4	8	8
Minimum Initial (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Minimum Split (s)	26.0	26.0	20.0	20.0	26.0	26.0	20.0	20.0
Total Split (s)	26.0	26.0	20.0	20.0	26.0	26.0	20.0	20.0
Total Split (%)	50.0%	50.0%	38.5%	38.5%	50.0%	50.0%	38.5%	38.5%
Yellow Time (s)	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
All-Red Time (s)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Lead/Lag								
Lead-Lag Optimize?								
Recall Mode	C-Max	C-Max	C-Max	C-Max	None	None	None	None
Act Effct Green (s)	23.3	23.3	23.3	23.3	20.7	20.7	20.7	20.7
Actuated g/C Ratio	0.45	0.45	0.45	0.45	0.40	0.40	0.40	0.40
v/c Ratio	0.75	0.36	0.17	0.30	0.40	0.79	0.84	0.73
Control Delay	25.8	9.3	11.0	9.3	19.8	15.7	56.6	15.7
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	25.8	9.3	11.0	9.3	19.8	15.7	56.6	15.7
LOS	C	A	B	A	B	B	E	B
Approach Delay		16.0		9.6		15.9		19.8
Approach LOS		B		A		B		B

**Intersection Summary**

Cycle Length: 52  
 Actuated Cycle Length: 52  
 Offset: 0 (0%), Referenced to phase 2:NBTL and 6:SBTL, Start of Green  
 Natural Cycle: 55  
 Control Type: Actuated-Coordinated  
 Maximum v/c Ratio: 0.84  
 Intersection Signal Delay: 16.6  
 Intersection Capacity Utilization 81.0%  
 Analysis Period (min) 15

Intersection LOS: B  
 ICU Level of Service D

Splits and Phases: 20: LA CRESCENTA AVE & FOOTHILL BLVD





	NB	SB	SE	SW	NE	NW
Lane Configurations	↕		↕		↕	
Sign Control	Free		Free		Stop	
Grade	0%		0%		0%	
Volume (veh/h)	17	312	4	8	249	5
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	19	353	5	9	281	6
Pedestrians	5		5		5	
Lane Width (ft)	12.0		12.0		12.0	
Walking Speed (ft/s)	4.0		4.0		4.0	
Percent Blockage	0		0		0	
Right turn flare (veh)						
Median type			None		None	
Median storage (veh)						
Upstream signal (ft)	337					
pX, platoon unblocked			0.92		0.92	
vC, conflicting volume	292		362		715	708
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	292		304		690	682
tC, single (s)	4.1		4.1		7.1	6.5
tC, 2 stage (s)						
tF (s)	2.2		2.2		3.5	4.0
p0 queue free %	98		99		99	98
cM capacity (veh/h)	1264		1147		311	331

Direction	NB	SB	SE	NW
Volume Total	376	296	20	17
Volume Left	19	9	2	3
Volume Right	5	6	12	6
cSH	1264	1147	494	390
Volume to Capacity	0.02	0.01	0.04	0.04
Queue Length 95th (ft)	1	1	3	3
Control Delay (s)	0.5	0.3	12.6	14.6
Lane LOS	A	A	B	B
Approach Delay (s)	0.5	0.3	12.6	14.6
Approach LOS			B	B

Intersection Summary	
Average Delay	1.1
Intersection Capacity Utilization	36.6%
ICU Level of Service	A
Analysis Period (min)	15



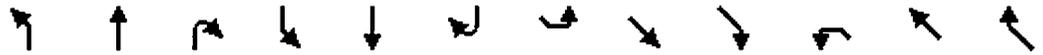
Volume	NB	NE	SB	SE	SW	NW
Lane Configurations	↖	↑↑	↖	↑↑	↖	↑
Sign Control	Free		Free		Stop	
Grade	0%		0%		0%	
Volume (veh/h)	33	782	6	9	502	10
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	37	884	7	10	567	11
Pedestrians	5		5		5	
Lane Width (ft)	12.0		12.0		12.0	
Walking Speed (ft/s)	4.0		4.0		4.0	
Percent Blockage	0		0		0	
Right turn flare (veh)						
Median type	None				None	
Median storage (veh)						
Upstream signal (ft)	323					
pX, platoon unblocked						
vC, conflicting volume	584		896		1127	1569
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	584		896		1127	1569
tC, single (s)	4.1		4.1		7.5	6.5
tC, 2 stage (s)						
tF (s)	2.2		2.2		3.5	4.0
p0 queue free %	96		99		98	100
cM capacity (veh/h)	983		750		148	103

Direction Lane #	NB 1	NB 2	NB 3	SB 1	SB 2	SB 3	SE 1	SE 2	NW 1	NW 2
Volume Total	37	589	301	10	378	200	3	15	3	8
Volume Left	37	0	0	10	0	0	3	0	3	0
Volume Right	0	0	7	0	0	11	0	15	0	7
cSH	983	1700	1700	750	1700	1700	148	691	112	339
Volume to Capacity	0.04	0.35	0.18	0.01	0.22	0.12	0.02	0.02	0.03	0.02
Queue Length 95th (ft)	3	0	0	1	0	0	2	2	2	2
Control Delay (s)	8.8	0.0	0.0	9.9	0.0	0.0	30.0	10.3	38.2	15.9
Lane LOS	A			A			D	B	E	C
Approach Delay (s)	0.4			0.2			14.0		22.6	
Approach LOS							B		C	

Intersection Summary	
Average Delay	0.6
Intersection Capacity Utilization	40.1%
ICU Level of Service	A
Analysis Period (min)	15

50: DYER ST & SANBORN

Future No-Build Volume (PM Peak Hour)



Movement	NB	NET	NBF	SEL	SET	SEB	SEL	SET	SEB	NW	NW	NW
Lane Configurations	↕		↕		↕		↕		↕		↕	
Sign Control	Stop											
Volume (vph)	2	16	5	6	9	0	0	7	2	10	13	5
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	2	18	6	7	10	0	0	8	2	11	15	6

Direction	LANE #	NET	SEL	SET	NW
Volume Total (vph)	26	17	10	32	
Volume Left (vph)	2	7	0	11	
Volume Right (vph)	6	0	2	6	
Hadj (s)	-0.08	0.11	-0.10	0.00	
Departure Headway (s)	3.9	4.1	3.9	4.0	
Degree Utilization, x	0.03	0.02	0.01	0.04	
Capacity (veh/h)	894	858	900	885	
Control Delay (s)	7.0	7.2	7.0	7.1	
Approach Delay (s)	7.0	7.2	7.0	7.1	
Approach LOS	A	A	A	A	

Intersection Summary	
Delay	7.1
HCM Level of Service	A
Intersection Capacity Utilization	20.7%
ICU Level of Service	A
Analysis Period (min)	15

10: DYER ST & FOOTHILL BLVD

Future With Project Volume (AM Peak Hour)



	NB	SB	SE	NW	NW						
Lane Configurations	↕		↕		↗		↕		↗		↕
Sign Control	Stop		Stop		Free		Free		Free		Free
Grade	0%		0%		0%		0%		0%		0%
Volume (veh/h)	2	0	5	5	1	27	15	1051	6	8	551
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	2	0	6	6	1	31	17	1188	7	9	623
Pedestrians	5		5		5		5		5		5
Lane Width (ft)	12.0		12.0		12.0		12.0		12.0		12.0
Walking Speed (ft/s)	4.0		4.0		4.0		4.0		4.0		4.0
Percent Blockage	0		0		0		0		0		0
Right turn flare (veh)											
Median type	None		None								
Median storage (veh)											
Upstream signal (ft)											392
pX, platoon unblocked	0.93	0.93		0.93	0.93	0.93	0.93				
vC, conflicting volume	1596	1883	607	1288	1883	325	635			1200	
vC1, stage 1 conf vol											
vC2, stage 2 conf vol											
vCu, unblocked vol	1568	1875	607	1238	1875	207	539			1200	
tC, single (s)	7.5	6.5	6.9	7.5	6.5	6.9	4.1			4.1	
tC, 2 stage (s)											
tF (s)	3.5	4.0	3.3	3.5	4.0	3.3	2.2			2.2	
p0 queue free %	96	100	99	95	98	96	98			98	
cM capacity (veh/h)	64	64	435	117	64	741	954			575	

Direction	Lane #	NB 1	SB 1	SE 1	SE 2	SE 3	NW 1	NW 2	NW 3
Volume Total		8	37	17	792	403	9	415	214
Volume Left		2	6	17	0	0	9	0	0
Volume Right		6	31	0	0	7	0	0	7
cSH		163	347	954	1700	1700	575	1700	1700
Volume to Capacity		0.05	0.11	0.02	0.47	0.24	0.02	0.24	0.13
Queue Length 95th (ft)		4	9	1	0	0	1	0	0
Control Delay (s)		28.2	16.6	8.8	0.0	0.0	11.4	0.0	0.0
Lane LOS		D	C	A			B		
Approach Delay (s)		28.2	16.6	0.1			0.2		
Approach LOS		D	C						

Intersection Summary	
Average Delay	0.6
Intersection Capacity Utilization	42.0%
ICU Level of Service	A
Analysis Period (min)	15



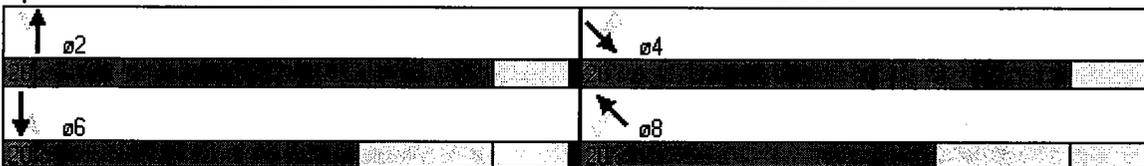
Phase Group	1	2	3	4	5	6	7	8
Lane Configurations	↖	↑↗	↖	↗	↖	↑↗	↖	↑↗
Volume (vph)	155	138	58	401	50	657	86	384
Turn Type	Perm		Perm		Perm		Perm	
Protected Phases		2		6		4		8
Permitted Phases	2		6		4		8	
Detector Phases	2	2	6	6	4	4	8	8
Minimum Initial (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Minimum Split (s)	26.0	26.0	20.0	20.0	26.0	26.0	20.0	20.0
Total Split (s)	26.0	26.0	20.0	20.0	26.0	26.0	20.0	20.0
Total Split (%)	50.0%	50.0%	38.5%	38.5%	50.0%	50.0%	38.5%	38.5%
Yellow Time (s)	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
All-Red Time (s)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Lead/Lag								
Lead-Lag Optimize?								
Recall Mode	C-Max	C-Max	C-Max	C-Max	None	None	None	None
Act Effct Green (s)	24.3	24.3	24.3	24.3	19.7	19.7	19.7	19.7
Actuated g/C Ratio	0.47	0.47	0.47	0.47	0.38	0.38	0.38	0.38
v/c Ratio	0.62	0.17	0.13	0.57	0.18	0.81	0.76	0.36
Control Delay	26.0	5.9	10.0	14.0	10.9	14.3	42.4	11.1
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	26.0	5.9	10.0	14.0	10.9	14.3	42.4	11.1
LOS	C	A	A	B	B	B	D	B
Approach Delay		13.9		13.5		14.2		16.4
Approach LOS		B		B		B		B

**Intersection Summary**

Cycle Length: 52  
 Actuated Cycle Length: 52  
 Offset: 0 (0%), Referenced to phase 2:NBTL and 6:SBTL, Start of Green  
 Natural Cycle: 55  
 Control Type: Actuated-Coordinated  
 Maximum v/c Ratio: 0.81  
 Intersection Signal Delay: 14.5  
 Intersection Capacity Utilization 82.0%  
 Analysis Period (min) 15

Intersection LOS: B  
 ICU Level of Service E

Splits and Phases: 20: LA CRESCENTA AVE & Foothill Blvd



30: LA CRESCENTA AVE & SANBORN

Future With Project Volume (AM Peak Hour)



	Sb				Sb				Sb			
Lane Configurations	↕				↕				↕			
Sign Control	Stop				Stop				Stop			
Volume (vph)	7	205	5	11	470	7	1	2	18	4	1	1
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	8	232	6	12	531	8	1	2	20	5	1	1

Volume Total (vph)	245	552	24	7
Volume Left (vph)	8	12	1	5
Volume Right (vph)	6	8	20	1
Hadj (s)	0.03	0.03	-0.47	0.07
Departure Headway (s)	4.6	4.3	5.2	5.7
Degree Utilization, x	0.31	0.66	0.03	0.01
Capacity (veh/h)	765	828	598	548
Control Delay (s)	9.6	15.0	8.4	8.8
Approach Delay (s)	9.6	15.0	8.4	8.8
Approach LOS	A	C	A	A

Intersection Summary			
Delay	13.2		
HCM Level of Service	B		
Intersection Capacity Utilization	42.5%	ICU Level of Service	A
Analysis Period (min)	15		



	NB	EB	WB	SB	SE	SW	NB	EB	WB	SB	SE	SW
Lane Configurations	↖	↑↑	↖	↑↑	↖	↑	↖	↑	↖	↑	↖	↑
Sign Control	Free		Free		Stop		Stop					
Grade	0%		0%		0%		0%					
Volume (veh/h)	24	495	5	1	813	10	2	0	51	4	1	8
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	27	560	6	1	919	11	2	0	58	5	1	9
Pedestrians	5		5		5		5					
Lane Width (ft)	12.0		12.0		12.0		12.0					
Walking Speed (ft/s)	4.0		4.0		4.0		4.0					
Percent Blockage	0		0		0		0					
Right turn flare (veh)												
Median type					None		None					
Median storage (veh)												
Upstream signal (ft)			323									
pX, platoon unblocked												
vC, conflicting volume	935			570			1281	1556	475	1146	1559	293
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	935			570			1281	1556	475	1146	1559	293
tC, single (s)	4.1			4.1			7.5	6.5	6.9	7.5	6.5	6.9
tC, 2 stage (s)												
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	96			100			98	100	89	97	99	99
cM capacity (veh/h)	725			994			115	107	531	131	106	698

Direction Lane#	NB 1	NB 2	NB 3	SB 1	SB 2	SB 3	SE 1	SE 2	NW 1	NW 2
Volume Total	27	373	192	1	613	318	2	58	5	10
Volume Left	27	0	0	1	0	0	2	0	5	0
Volume Right	0	0	6	0	0	11	0	58	0	9
cSH	725	1700	1700	994	1700	1700	115	531	131	431
Volume to Capacity	0.04	0.22	0.11	0.00	0.36	0.19	0.02	0.11	0.03	0.02
Queue Length 95th (ft)	3	0	0	0	0	0	1	9	3	2
Control Delay (s)	10.2	0.0	0.0	8.6	0.0	0.0	37.0	12.6	33.4	13.6
Lane LOS	B			A			E	B	D	B
Approach Delay (s)	0.5		0.0		0.0		13.5		19.6	
Approach LOS	B		C		C		B		C	

Intersection Summary	
Average Delay	0.9
Intersection Capacity Utilization	35.7%
ICU Level of Service	A
Analysis Period (min)	15

50: DYER ST & SANBORN

Future With Project Volume (AM Peak Hour)



	NE	SE	SW	NW
Lane Configurations	↕	↕	↕	↕
Sign Control	Stop	Stop	Stop	Stop
Volume (vph)	1	17	3	4
Peak Hour Factor	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	1	19	3	5

	NE	SE	SW	NW
Volume Total (vph)	24	33	19	16
Volume Left (vph)	1	5	0	8
Volume Right (vph)	3	0	3	5
Hadj (s)	-0.04	0.06	-0.07	-0.04
Departure Headway (s)	4.0	4.1	4.0	4.0
Degree Utilization, x	0.03	0.04	0.02	0.02
Capacity (veh/h)	886	874	889	882
Control Delay (s)	7.1	7.2	7.0	7.1
Approach Delay (s)	7.1	7.2	7.0	7.1
Approach LOS	A	A	A	A

Delay	7.1
HCM Level of Service	A
Intersection Capacity Utilization	19.8%
ICU Level of Service	A
Analysis Period (min)	15

10: DYER ST & FOOTHILL BLVD

Future With Project Volume (PM Peak Hour)



MOVEMENT	NE	SE	SB	SB	SE	SE	NW	NW	NW			
Lane Configurations	↕		↕		↖		↗		↗			
Sign Control	Stop		Stop		Free		Free		Free			
Grade	0%		0%		0%		0%		0%			
Volume (veh/h)	1	2	5	19	3	14	14	1022	2	7	1121	9
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	1	2	6	21	3	16	16	1155	2	8	1267	10
Pedestrians	5		5		5		5		5		5	
Lane Width (ft)	12.0		12.0		12.0		12.0		12.0		12.0	
Walking Speed (ft/s)	4.0		4.0		4.0		4.0		4.0		4.0	
Percent Blockage	0		0		0		0		0		0	
Right turn flare (veh)												
Median type	None				None							
Median storage (veh)												
Upstream signal (ft)												
pX, platoon unblocked												
vC, conflicting volume	1865	2491	589	1914	2487	649	1282				1163	
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	1865	2491	589	1914	2487	649	1282				1163	
tC, single (s)	7.5	6.5	6.9	7.5	6.5	6.9	4.1				4.1	
tC, 2 stage (s)												
tF (s)	3.5	4.0	3.3	3.5	4.0	3.3	2.2				2.2	
p0 queue free %	97	92	99	41	88	96	97				99	
cM capacity (veh/h)	37	27	448	36	27	409	535				594	

Direction Lane	NE	SE	SE	SE	SE	NW	NW	NW
Volume Total	9	41	16	770	387	8	845	433
Volume Left	1	21	16	0	0	8	0	0
Volume Right	6	16	0	0	2	0	0	10
cSH	72	54	535	1700	1700	594	1700	1700
Volume to Capacity	0.13	0.76	0.03	0.45	0.23	0.01	0.50	0.25
Queue Length 95th (ft)	10	79	2	0	0	1	0	0
Control Delay (s)	62.2	177.1	11.9	0.0	0.0	11.1	0.0	0.0
Lane LOS	F	F	B			B		
Approach Delay (s)	62.2	177.1	0.2			0.1		
Approach LOS	F	F						

Intersection Summary	
Average Delay	3.2
Intersection Capacity Utilization	46.9%
ICU Level of Service	A
Analysis Period (min)	15

20: LA CRESCENTA AVE & Foothill BLVD Future With Project Volume (PM Peak Hour)

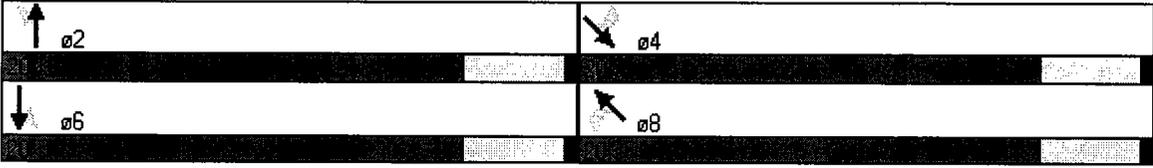


	1	2	3	4	5	6	7	8
Lane Configurations	↖	↕	↖	↕	↖	↕	↖	↕
Volume (vph)	326	252	57	159	48	745	100	882
Turn Type	Perm		Perm		Perm		Perm	
Protected Phases		2		6		4		8
Permitted Phases	2		6		4		8	
Detector Phases	2	2	6	6	4	4	8	8
Minimum Initial (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Minimum Split (s)	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Total Split (s)	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Total Split (%)	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%	50.0%
Yellow Time (s)	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
All-Red Time (s)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Lead/Lag								
Lead-Lag Optimize?								
Recall Mode	C-Max	C-Max	C-Max	C-Max	None	None	None	None
Act Effect Green (s)	16.7	16.7	16.7	16.7	15.3	15.3	15.3	15.3
Actuated g/C Ratio	0.42	0.42	0.42	0.42	0.38	0.38	0.38	0.38
v/c Ratio	0.78	0.38	0.19	0.32	0.30	0.82	0.63	0.77
Control Delay	27.4	8.3	9.6	8.4	13.3	14.9	29.4	14.4
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	27.4	8.3	9.6	8.4	13.3	14.9	29.4	14.4
LOS	C	A	A	A	B	B	C	B
Approach Delay		16.2		8.7		14.9		15.8
Approach LOS		B		A		B		B

**Intersection Summary**

Cycle Length: 40  
 Actuated Cycle Length: 40  
 Offset: 0 (0%), Referenced to phase 2:NBTL and 6:SBTL, Start of Green  
 Natural Cycle: 40  
 Control Type: Actuated-Coordinated  
 Maximum v/c Ratio: 0.82  
 Intersection Signal Delay: 15.0      Intersection LOS: B  
 Intersection Capacity Utilization 81.4%      ICU Level of Service D  
 Analysis Period (min) 15

Splits and Phases: 20: LA CRESCENTA AVE & Foothill BLVD



30: LA CRESCENTA AVE & SANBORN Future With Project Volume (PM Peak Hour)



	NBL	NBL	NBL	SBL	SBL	SBL	SBL	SBL	SBL	NBL	NBL	
Lane Configurations	↕		↕		↕		↕		↕		↕	
Sign Control	Free		Free		Stop		Stop		Stop		Stop	
Grade	0%		0%		0%		0%		0%		0%	
Volume (veh/h)	17	312	4	8	251	7	5	5	16	3	7	5
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	19	353	5	9	284	8	6	6	18	3	8	6
Pedestrians	5		5		5		5		5		5	
Lane Width (ft)	12.0		12.0		12.0		12.0		12.0		12.0	
Walking Speed (ft/s)	4.0		4.0		4.0		4.0		4.0		4.0	
Percent Blockage	0		0		0		0		0		0	
Right turn flare (veh)												
Median type	None						None					
Median storage (veh)												
Upstream signal (ft)	337											
pX, platoon unblocked			0.93		0.93		0.93		0.93		0.93	
vC, conflicting volume	297		362		719		711		298		730	
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	297		312		697		689		298		709	
tC, single (s)	4.1		4.1		7.1		6.5		6.2		7.1	
tC, 2 stage (s)												
tF (s)	2.2		2.2		3.5		4.0		3.3		3.5	
p0 queue free %	98		99		98		98		98		99	
cM capacity (veh/h)	1259		1152		311		331		736		302	
<b>Intersection Summary</b>												
Volume Total	376	301	29	17								
Volume Left	19	9	6	3								
Volume Right	5	8	18	6								
cSH	1259	1152	491	388								
Volume to Capacity	0.02	0.01	0.06	0.04								
Queue Length 95th (ft)	1	1	5	3								
Control Delay (s)	0.5	0.3	12.8	14.7								
Lane LOS	A	A	B	B								
Approach Delay (s)	0.5	0.3	12.8	14.7								
Approach LOS			B	B								
<b>Intersection Summary</b>												
Average Delay			1.3									
Intersection Capacity Utilization			36.7%		ICU Level of Service		A					
Analysis Period (min)			15									

40: LA CRESCENTA AVE & MARY ST Future With Project Volume (PM Peak Hour)



Direction	NE 1	NE 2	NE 3	SE 1	SE 2	SE 3	SE 1	SE 2	NW 1	NW 2		
Lane Configurations	↖	↑	↗	↖	↑	↗	↖	↗	↖	↗		
Sign Control	Free			Free			Stop		Stop			
Grade	0%			0%			0%		0%			
Volume (veh/h)	35	782	6	9	505	10	3	0	15	3	1	6
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	40	884	7	10	571	11	3	0	17	3	1	7
Pedestrians	5			5			5		5			
Lane Width (ft)	12.0			12.0			12.0		12.0			
Walking Speed (ft/s)	4.0			4.0			4.0		4.0			
Percent Blockage	0			0			0		0			
Right turn flare (veh)												
Median type							None		None			
Median storage (veh)												
Upstream signal (ft)				323								
pX, platoon unblocked												
vC, conflicting volume	587			896			1135	1577	301	1299	1579	455
vC1, stage 1 conf vol												
vC2, stage 2 conf vol												
vCu, unblocked vol	587			896			1135	1577	301	1299	1579	455
tC, single (s)	4.1			4.1			7.5	6.5	6.9	7.5	6.5	6.9
tC, 2 stage (s)												
tF (s)	2.2			2.2			3.5	4.0	3.3	3.5	4.0	3.3
p0 queue free %	96			99			98	100	98	97	99	99
cM capacity (veh/h)	980			750			145	102	689	110	102	547

Direction	NE 1	NE 2	NE 3	SE 1	SE 2	SE 3	SE 1	SE 2	NW 1	NW 2
Volume Total	40	589	301	10	381	202	3	17	3	8
Volume Left	40	0	0	10	0	0	3	0	3	0
Volume Right	0	0	7	0	0	11	0	17	0	7
cSH	980	1700	1700	750	1700	1700	145	689	110	336
Volume to Capacity	0.04	0.35	0.18	0.01	0.22	0.12	0.02	0.02	0.03	0.02
Queue Length 95th (ft)	3	0	0	1	0	0	2	2	2	2
Control Delay (s)	8.8	0.0	0.0	9.9	0.0	0.0	30.4	10.4	38.9	16.0
Lane LOS	A			A			D	B	E	C
Approach Delay (s)	0.4			0.2			13.7		22.8	
Approach LOS							B		C	

Intersection Summary	
Average Delay	0.6
Intersection Capacity Utilization	40.9%
ICU Level of Service	A
Analysis Period (min)	15

50: DYER ST & SANBORN Future With Project Volume (PM Peak Hour)



Volume

Lane Configurations	↕		↕		↕		↕		↕		↕	
Sign Control	Stop											
Volume (vph)	2	18	13	6	11	0	0	7	2	12	13	5
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	2	20	15	7	12	0	0	8	2	14	15	6

Intersection Summary

Volume Total (vph)	37	19	10	34
Volume Left (vph)	2	7	0	14
Volume Right (vph)	15	0	2	6
Hadj (s)	-0.19	0.10	-0.10	0.01
Departure Headway (s)	3.8	4.1	4.0	4.0
Degree Utilization, x	0.04	0.02	0.01	0.04
Capacity (veh/h)	918	856	891	874
Control Delay (s)	7.0	7.2	7.0	7.2
Approach Delay (s)	7.0	7.2	7.0	7.2
Approach LOS	A	A	A	A

Intersection Summary

Delay	7.1		
HCM Level of Service	A		
Intersection Capacity Utilization	20.8%	ICU Level of Service	A
Analysis Period (min)	15		

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**FINAL  
INITIAL STUDY  
and  
MITIGATED NEGATIVE DECLARATION  
for the  
NEW LA CRESCENTA LIBRARY**

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SCH # 2005041069

**JUNE 2005**



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**FINAL  
INITIAL STUDY  
and  
MITIGATED NEGATIVE DECLARATION  
for the  
NEW LA CRESCENTA LIBRARY**

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SCH # 2005041069

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**JUNE 2005**

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# SECTION 1: INTRODUCTION

---

## 1.1 INTRODUCTION

This Initial Study evaluates and identifies the potential environmental impacts that may result from the construction and operation of the proposed *La Crescenta Library*. The proposed library would replace the existing library located at 4521 La Crescenta Avenue in the unincorporated community of La Crescenta in the County of Los Angeles. The project would be located in part on the same site, with four adjacent parcels acquired to accommodate the larger facility. The project site is a 0.87-acre area that is currently developed with the existing 4,300-square-foot library, an automotive repair facility, and a former used automobile sales lot. The proposed project would replace the existing uses on-site with an approximately 14,000 square-foot modern library facility.

Section 21067 of the California Environmental Quality Act (CEQA) defines a Lead Agency as the public agency which has the principal responsibility for carrying out or approving a project which may have a significant effect on the environment. The County of Los Angeles is serving as the Lead Agency for the project, since the County will be responsible for the approval and construction of the proposed *La Crescenta Library*, as well as for the maintenance and operation of the facility. As the Lead Agency, the County of Los Angeles has the authority to oversee and approve the environmental review process for the project.

## 1.2 PURPOSES OF THE INITIAL STUDY AND MITIGATED NEGATIVE DECLARATION

As part of the environmental review process for the proposed *La Crescenta Library*, the County of Los Angeles has authorized the preparation of this Initial Study. The Initial Study provides a basis for understanding whether there are environmental impacts associated with the proposed project and, if environmental impacts are likely to occur, if such impacts could be significant. The purposes of this Initial Study, as stated in Section 15063 of the CEQA Guidelines, are as follows:

- ◆ To provide the County of Los Angeles with information to use as the basis for deciding whether to prepare an environmental impact report or negative declaration for the proposed *La Crescenta Library*;
- ◆ To enable the County to modify the project, reducing or eliminating any adverse impacts before an EIR is prepared, thereby enabling the project to qualify for a negative declaration;
- ◆ To assist in the preparation of an EIR, if one is required, by focusing the EIR on the effects determined to be significant; identifying effects determined not to be significant; and explaining reasons for determining that potentially significant effects would not be significant;
- ◆ To identify whether a program EIR, tiering, or another appropriate process can be used for the analysis of the project's environmental effects;
- ◆ To facilitate the environmental review of the project early in its design;
- ◆ To provide documentation for findings in a negative declaration that the project would not have a significant effect on the environment;
- ◆ To eliminate unnecessary environmental impact reports; and
- ◆ To determine whether a previously prepared EIR can be used for the project.

Based on the findings of the Initial Study, the Lead Agency would then determine the subsequent environmental review needed for the project, which may take the form of a (Mitigated) Negative Declaration (MND) or an Environmental Impact Report (EIR).

According to Section 21064 of CEQA Guidelines, a Negative Declaration is a statement that describes the reasons why the proposed project would not have a significant effect on the environment. The Negative Declaration signifies that the project would not require additional environmental analysis in the form of an EIR.

### **1.3 SUMMARY OF FINDINGS**

Based on the findings of the environmental analysis in Section 3.0 of this Initial Study, the County of Los Angeles has determined that a Mitigated Negative Declaration would be the appropriate environmental document for the proposed *La Crescenta Library*. The proposed project would result in significant environmental effects on air quality, hazards and hazardous materials, noise, and traffic/circulation. Mitigation measures have been incorporated into the project design to ensure that the potential impacts can be avoided or reduced to less than significant levels. These mitigation measures include:

#### **Air Quality**

In order to mitigate significant adverse construction emissions that would be generated by construction of the proposed project, the following mitigation measure will be implemented:

*Mitigation Measure 1: The following dust and emission control measures shall be implemented to reduce emissions and their potential for adversely affecting adjacent residences and businesses during the demolition and construction phase:*

##### *For Dust Control:*

- *Water construction areas at least twice daily.*
- *Cover all haul trucks or maintain at least two feet of freeboard.*
- *Pave or apply water four times daily to all unpaved parking or staging areas.*
- *Sweep site access points within 30 minutes of any visible dirt deposition on any public roadway.*
- *Cover or water twice daily any on-site stockpiles of debris, dirt or other dusty material.*
- *Suspend all operations on any unpaved surface if winds exceed 25 mph.*
- *Hydroseed or otherwise stabilize any cleared area which remains inactive for more than 96 hours after clearing is completed.*

##### *For Construction Equipment Emissions:*

- *Require 90-day low-NO<sub>x</sub> tune-ups for off-road equipment.*
- *Limit allowable idling to 10 minutes for trucks and heavy equipment.*

##### *For Off-Site Emissions:*

- *Encourage car pooling for construction workers.*
- *Limit lane closures to off-peak travel periods.*
- *Park construction vehicles off traveled roadways.*
- *Encourage delivery of materials during non-peak traffic hours.*

---

## Hazards and Hazardous Materials

The implementation of the following mitigation measures would avoid or prevent significant adverse impacts relating to human health and hazards and reduce potential impacts to insignificant levels:

*Mitigation Measure 2: Prior to the demolition of the existing buildings, asbestos-containing materials shall be removed and disposed in accordance with applicable regulations (including South Coast Air Quality Management District (SCAQMD) regulations and Cal-OSHA guidelines) by a state-licensed abatement contractor, with abatement oversight performed by an independent asbestos consultant. All identified lead-based paint shall also be removed and disposed by a licensed contractor, in accordance with existing regulations.*

*Mitigation Measure 3: Prior to demolition activities, all hazardous materials and wastes found on the site, including, but not limited to waste oil containers, antifreeze, and batteries, shall be properly removed and disposed in accordance with federal, state, and local regulations.*

*Mitigation Measure 4: In accordance with the Limited Phase II ESA, the following measures should be completed, prior to construction of the proposed library:*

- ◆ *Complete assessment for the previous removal of the former USTs in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines. This will include preparation of a closure report and submission to the County to obtain closure and clearance.*
- ◆ *Remove vent lines for the former USTs and perform confirmation sampling in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines in order to achieve closure. This will require demolition of the refrigerator box prior to removal of the piping.*
- ◆ *Remove the two hydraulic hoists or lifts with associated piping from the automotive repair facility in conformance with the Los Angeles County Department of Public Works guidelines, including confirmation samples for soils under the hoists.*
- ◆ *Remove the clarifier from the automotive repair facility in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines in order to achieve closure, including confirmation samples for soils under the clarifier.*
- ◆ *Investigate and, if identified, remove the cesspool that was located on the west side of the automotive repair facility. The refrigeration box that is attached to the repair facility will need to be removed prior to any investigation. Assessment and confirmation soil sampling are recommended for removal of the cesspool. This cesspool was used for the disposal of fluid from the repair facility clarifier, prior to the site being connected to sewer. Removal and confirmation sampling should be made in conformance with applicable standards.*
- ◆ *Investigate and, if identified, remove the 550-gallon waste oil UST with associated piping located on the west side of the historic gas station building (current automotive repair facility). Confirmation soil sampling and further investigation may be necessary to assess any possible contamination stemming from its past use. Removal and confirmation sampling should be in*

*conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines in order to achieve closure.*

- ◆ *The concrete vault on the historic gas station site (current automotive repair facility) should be investigated further and its current or previous use identified. The vault should be properly removed or abandoned in conformance with applicable standards.*
- ◆ *Remove and/or abandon the cesspool at the former used automobile sales lot. Removal and confirmation sampling should be in conformance with applicable standards.*

## **Noise**

To mitigate significant adverse demolition and construction noise impacts, the following mitigation measure will be implemented:

*Mitigation Measure 5: Construction and demolition activities at the site shall comply with the County ordinance regarding construction noise and limit demolition and construction activities to the time period from 7:00 AM to 7:00 PM from Monday to Saturday, with no construction on Sundays or holidays. Also, all mobile or stationary internal-combustion-engine powered equipment or machinery shall be equipped with suitable exhaust and air-intake silencers in proper working order.*

## **Traffic/Circulation**

To ensure that no traffic hazards are created by the project, the following mitigation measure will be implemented:

*Mitigation Measure 6: To reduce the potential for accidents and to improve traffic safety in the project area, the following measures shall be implemented as part of the project:*

- ◆ *The library entrance on Foothill Boulevard should be restricted as a right-in right-out only access driveway.*
- ◆ *An exclusive right turn lane and a combined left-turn and through lane should be striped for at least 50 feet at the southbound lane on Dyer Street as it approaches its intersection with Foothill Boulevard.*
- ◆ *An exclusive left turn lane is recommended for northbound traffic at the intersection of La Crescenta Avenue and Sanborn Avenue, and an exclusive right-turn lane is recommended for eastbound traffic at the same intersection.*
- ◆ *The bus stop on Foothill Boulevard, just west of the intersection of Foothill Boulevard and La Crescenta Avenue, should be relocated nearer to the intersection of Foothill Boulevard and Dyer Street. This will provide better visibility of the library and avoid vehicle queuing at the intersection of Foothill Boulevard and La Crescenta Avenue.*
- ◆ *Way finding signs and markers should be provided at nearby intersections and at quarter-mile locations on Foothill Boulevard and La Crescenta Avenue, to avoid traffic slow-down caused by newly attracted unfamiliar travelers.*

- ◆ *The signal timing at the Foothill Boulevard/La Crescenta Avenue intersection shall be optimized within three months after opening of the new expanded library, based on new traffic counts at the time.*

The County of Los Angeles has determined that the project would not have an adverse impact on the environment with the implementation of the mitigation measures outlined above and that no additional environmental analysis is warranted. The County would adopt a Mitigated Negative Declaration for the proposed project.

## SECTION 2: PROJECT DESCRIPTION

---

### 2.1 PROJECT LOCATION AND ENVIRONMENTAL SETTING

#### *Introduction*

The proposed *La Crescenta Library* will replace the existing library facility serving the unincorporated community of La Crescenta in Los Angeles County. The project would provide a larger library structure to accommodate larger user areas, more book volumes, modern equipment, support areas, and parking to serve library patrons.

#### *Project Background*

The La Crescenta Library was the 78<sup>th</sup> branch of the Los Angeles County Public Library system when it first opened in November 1914. The first small collection of library materials was housed in a local church building. The library subsequently moved several times from the church to a school, to a local storefront, including the Sears building in 1926. By 1932, the library had settled into a building at 3930 La Crescenta Avenue. As the population grew in the La Crescenta community, so did demand for library services. After some consideration, Los Angeles County constructed a new library at 4521 La Crescenta Avenue. This branch library opened in March 1963.

The existing library is a single-story, 4,300 square-foot rectangular building at the corner of Sanborn and La Crescenta Avenues. The current library collection includes approximately 81,000 books, audio and video recordings, periodicals, magazines, and newspapers. The library also provides materials in various languages, such as Korean, Vietnamese, Chinese, Armenian, and Spanish.

While the community has grown through the years, the library facility has essentially remained the same. Thus, increased demand for library services has led to overcrowding and inadequate facilities and services. The County of Los Angeles has recognized this need and is planning to build a larger facility to serve the demand for library services in the community.

To provide a larger and modern library facility for the current and future population of La Crescenta, the proposed project involves the development of an approximately 14,000-square-foot library facility with parking areas. As proposed, the *La Crescenta Library* would provide children and adult reading areas, an information desk and customer service area, a main lobby, a community meeting room, a staff area, covered parking and a surface parking lot. The project would provide a library facility equipped with current computer technology, research and educational tools, and reading/study resources.

As part of the planning process, the County evaluated and analyzed a number of sites in the project area, which could accommodate the new library. However, the sites were rejected for a variety of issues and concerns. The preferred site is the current site of the existing library and the adjacent parcels.

The proposal currently under consideration would involve the demolition of the existing library and structures on adjacent parcels to provide the needed land area for the proposed *La Crescenta Library*. The project would require the demolition of two existing commercial businesses (i.e., an automotive repair facility and a former used automobile sales lot) located south of and adjacent to the existing library site.

Construction of the proposed library would be funded in part by grants obtained by the County under the Economic Development Initiative (EDI) program of the United States Department of Housing and Urban Development (HUD). Thus, an Environmental Assessment (EA) has been prepared for the project, in compliance with the requirements of the National Environmental Policy Act (NEPA).

### ***Regional Setting***

The proposed *La Crescenta Library* would be located within the central section of the County, within the unincorporated community of La Crescenta. Figure 2-1, *Regional Map*, provides the regional location of the project area, including the surrounding freeways.

Los Angeles County is home to approximately 29 percent of California's residents. Covering an area of approximately 4,083 square miles, the County is made up of 88 incorporated cities and several unincorporated communities. The County experienced a population growth of 10.7 percent from 1990 to 2000. Its 1990 population of 8,863,052 residents increased to a 2000 population of 9,519,338 residents. The current 2004 population of the County was estimated at 10,102,961 residents. The unincorporated area of the County had 1,064,689 residents (or approximately 10 percent of the total County population) and 303,437 dwelling units in 2004.

As shown in Figure 2-2, *Vicinity Map*, the La Crescenta community is surrounded by the City of Glendale to the west and south, the Verdugo Mountains to the southwest, the City of La Canada Flintridge to the east, and the San Gabriel Mountains to the north. The Foothill Freeway (I-210) runs in a northwest-southeast direction through the southern portion of the La Crescenta community, while the Glendale Freeway (SR-2) runs in a north-south direction, just southeast of La Crescenta, ending at Foothill Boulevard in La Canada Flintridge.

The La Crescenta community covers approximately 3.4 square miles. The community has been experiencing similar growth as the County of Los Angeles, as a whole. The United States Census Bureau estimates that La Crescenta's 2000 resident population was 18,532 persons and its housing stock consisted of 7,108 units. The County of Los Angeles estimates the community's 2004 population at approximately 19,300 residents.

Commercial areas within the community are concentrated along major arterial roadways, including Foothill Boulevard, La Crescenta Avenue, and Orange Avenue. Single-family and multi-family residences are scattered throughout La Crescenta, with a concentration of single-family residences located in the northern portion of the community, near the foothills of the San Gabriel Mountains. The La Crescenta Elementary School, Monte Vista Elementary School, Rosemont Middle School, Crescenta Valley High School, and the Los Angeles County Fire Station No. 63 are also located within the project area.

### ***Project Site and Surrounding Development***

The project site for the proposed *La Crescenta Library* consists of five parcels of land totaling approximately 0.87 acre. It is located at the northwestern corner of La Crescenta Avenue and Foothill Boulevard, within the La Crescenta community of the County of Los Angeles.

The site is an L-shaped area that occupies approximately  $\frac{3}{4}$  of the block bounded by La Crescenta Avenue, Foothill Boulevard, Dyer Street, and Sanborn Avenue. Only the northwestern quadrant of the block is not part of the site. The project site has a slanting uphill slope to the north, with an on-site elevation of approximately 1,580 feet above mean sea level (msl) at the northern portion of the site, and approximately 1,565 feet above msl along the southern portion of the site.

The site is bounded to the north by Sanborn Avenue and residential uses, to the east by La Crescenta Avenue and residential and commercial uses, to the south by Foothill Boulevard and commercial uses, and to the west by a multi-tenant two-story office building and Dyer Street.

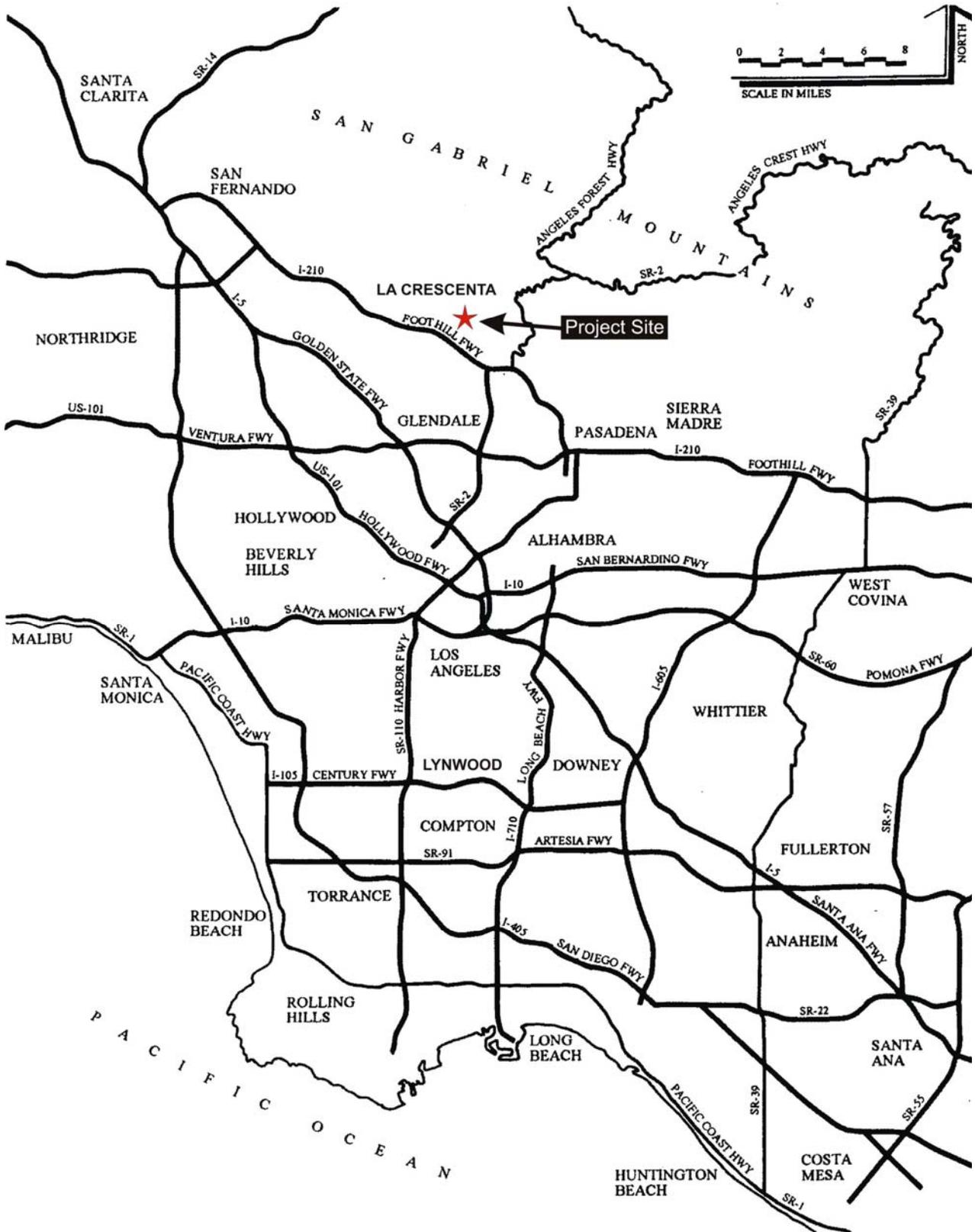
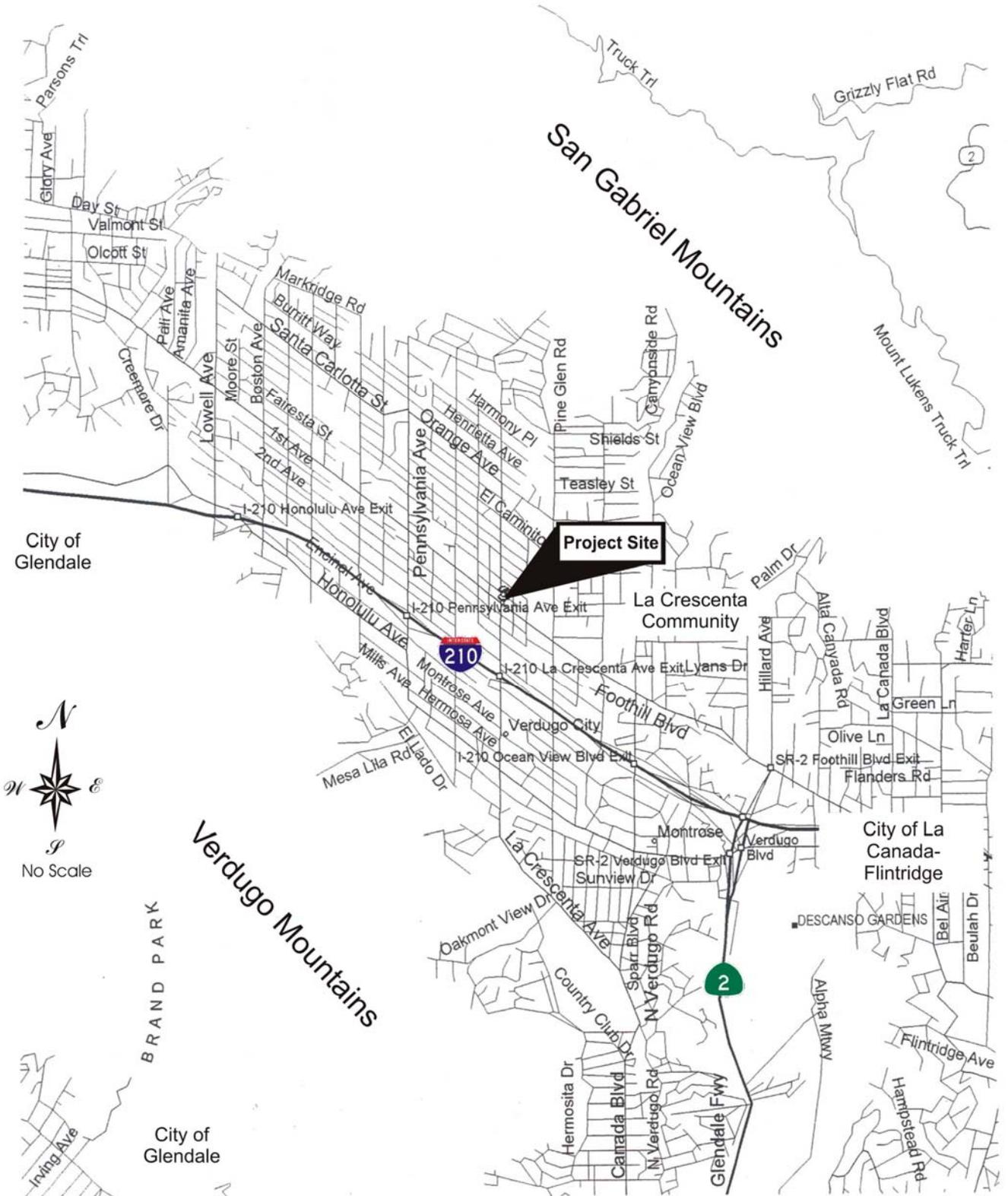


FIGURE 2-1, REGIONAL MAP



SOURCE: Converse Consultants

**FIGURE 2-2, VICINITY MAP**

At the present time, the project site is developed with several land uses. The existing La Crescenta Library, located at 4521 La Crescenta Avenue, is at the southwestern corner of La Crescenta Avenue and Sanborn Avenue. This library occupies the northern section of the site.

The existing La Crescenta Library has a floor area of approximately 4,300 square feet and serves the community of La Crescenta and the surrounding areas. The one-story wood-frame structure has an entrance at the corner of La Crescenta Avenue and Sanborn Avenue, with a parking lot to the south.

This library has a circulation desk with check-out terminals, a reference desk, reading area, and a small computer area. Parking for the library is located immediately south of the building. The parking area has 15 parking stalls and one handicap parking stall. Vehicular access to the library is provided by an entrance driveway on La Crescenta Avenue and an exit driveway on Sanborn Avenue.

The parcel where the current library is found is elevated approximately 15 feet above the lower commercial parcels on Foothill Boulevard. A cinderblock retaining wall separates the upper library parcel from the lower parcel to the south, which is developed with an auto repair shop.

An automotive repair facility, Bruce's Automotive, is located at 2801 Foothill Boulevard, at the northwestern corner of La Crescenta Avenue and Foothill Boulevard. This auto repair shop occupies the southeastern section of the project site for the proposed library.

Bruce's Automotive operates out of a 1,485-square foot wood-frame structure with a metal roof. The auto repair shop was a former gas station and has two repair bays, an office, and a storage area. A small metal storage structure is located west of the shop and a parking area is located to the south of the auto repair shop. A 25-foot high billboard is also found at the western section of the parcel. This parcel has an access driveway on Foothill Boulevard.

A landscaped slope is found along La Crescenta Avenue and a low wall separates the site from the adjacent former used automobile sales lot.



Library as viewed from Sanborn Avenue



Library as viewed from its La Crescenta Avenue driveway



Auto repair shop and parking lot as viewed from La Crescenta Avenue

A used automobile sales business, Banner Auto Sales, was previously located at 2813 Foothill Boulevard, at the northeastern corner of Foothill Boulevard and Dyer Street, but has since been discontinued. This lot at the southwestern section of the project site is currently occupied by a commercial business selling outdoor garden wares.

The former used automobile sales lot is primarily a paved parking lot with a 400-square-foot office and open carport at the rear (north side) of the parcel. Access driveways to the lot are available on Foothill Boulevard and Dyer Street. Banners and light poles, as well as aboveground waste oil containers are found on the property.

The car lot is currently empty of cars for sale, except for an abandoned trailer and automobile. The business is currently not in operation and has been closed for some time. A block wall separates the former used automobile sales lot from the office building to the north, which is not part of the project site.



*Former used automobile sales lot, as viewed from auto repair shop*

Foothill Boulevard defines the project site's southern boundary and is a heavily traveled arterial roadway in the area. La Crescenta Avenue defines the site's eastern boundary and is a local collector for residential uses to the north. Regional access to the project site is provided by the I-210 Freeway via La Crescenta Avenue and the SR-2 Freeway, which connects with the I-210 Freeway. The site is located approximately 0.3-mile north of the I-210 Freeway and 1.8 miles northwest of the SR-2 Freeway.

The project site is surrounded by a variety of residential and commercial uses. Numerous educational uses are found in the surrounding area and include the La Crescenta Elementary School, Monte Vista Elementary School, Rosemont Middle School, and Crescenta Valley High School. Additionally, the Los Angeles County Fire Station No. 63 is located just west of the project site. The site is bounded to the northwest by a multi-tenant office building. Tenants include New Ace Insurance Company, Metro Realty, Family Financial Counseling, Elite Art Studio, the Learning Center, and Graphic Design. Commercial uses to the southwest, south, and southeast of the project site along Foothill Boulevard include an antique store, realty office, market, car wash and oil change facility, florist, dry cleaners, and a dental office. Residential uses in the project area are found farther south, northwest, north, and northeast of the site. These include single-family homes adjacent to the project site on La Crescenta Avenue, Sanborn Avenue, and north of Dyer Street.

## **2.2 DESCRIPTION OF THE PROPOSED PROJECT**

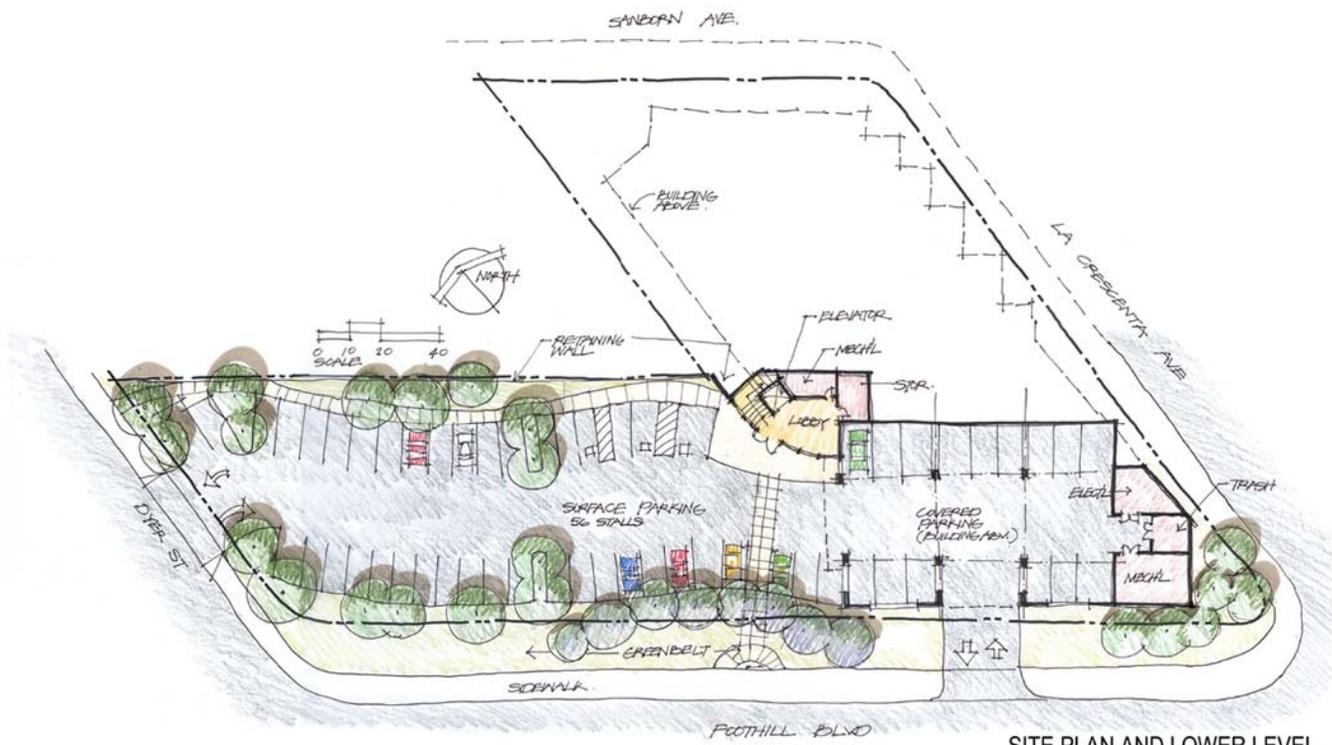
### ***Physical Characteristics***

The County of Los Angeles is proposing to construct a new La Crescenta Library within the unincorporated community of La Crescenta. The proposed *La Crescenta Library* would replace the existing 4,300-square-foot library structure as well as adjacent commercial uses with an expanded library facility. A total of approximately 14,000 square feet of library space would be provided on-site as part of the project.

As shown in Figure 2-3, *Proposed Site Plan*, the proposed *La Crescenta Library* would include a split-level two-story, approximately 14,000-square-foot library facility. The library facilities would be located on the



MAIN FLOOR



SITE PLAN AND LOWER LEVEL

**FIGURE 2-3, PROPOSED SITE PLAN**

upper level, with approximately 15 parking stalls within the lower level of the structure and approximately 41 additional surface parking spaces.

The proposed project would provide separate children and adult reading areas, an information desk and customer service area, a main lobby, a community meeting room, and a staff area. The project would provide a modern library facility equipped with current computer technology, research and educational tools, and reading/study resources.

Since a grade difference exists between Foothill Boulevard and Sanborn Avenue, the upper library level would be at grade along Sanborn Avenue but would be one story above Foothill Boulevard. Thus, the two-story structure would accommodate a parking garage on the lower level, with the library above. The library would occupy the eastern section of the site, with the covered garage under the southern portion of the library. The western section of the site would be an open surface parking lot.

The conceptual site plan shows a lower level lobby at the center of the site that would provide an elevator and stairwell to reach the upper level. Mechanical and storage areas would also be provided at the lower level, along with approximately 15 covered parking stalls below the library structure near Foothill Boulevard. Approximately 41 additional parking spaces would be provided within a surface parking lot at the western section of the site. Greenbelts would be provided along the southern and northern boundaries of this parking lot. A walkway would lead from the lobby southerly toward Foothill Boulevard and westerly toward Dyer Street.

As proposed, the upper level would be the library, with the staff area, adult area and information desk at the northern section and a community meeting room and children's area at the southern section. An open deck would be provided along the southern portion of the library at the upper level, along Foothill Boulevard.

To break up the size of the proposed structure and make it more compatible with the existing smaller commercial uses on Foothill Boulevard, the building elevations for the project show a multiple roof system that makes the library look like a series of small structures. The horizontal treatments downplay the overall height of the two-story structure and the changes in façade colors and surfaces add architectural interest to the structure. The grade difference at the site is less noticeable with the split-level structure. Figure 2-4, *Conceptual Building Elevations*, shows two different options for building elevations along Foothill Boulevard and La Crescenta Avenue. These elevations are preliminary at this time and subject to change or refinement during final design.

There are currently 16 parking spaces at the La Crescenta Library within the parking lot located just south of the existing library building. Parking facilities for the proposed *La Crescenta Library* would be located at the ground level of the proposed structure, at the eastern section of the site (along Foothill Boulevard and La Crescenta Avenue). The project proposes a total of approximately 56 parking spaces to serve the proposed library, of which approximately 15 parking stalls would be located under the upper library level of the proposed building structure. Approximately 41 other parking spaces would be provided as surface parking at the western section of the project site.

Access to the project site would be provided at three locations. The main entrance to the parking lot would be located at the southern portion of the site along Foothill Boulevard. An additional entrance would be located along the southwestern portion of the site, at Dyer Street. A delivery entrance would also be provided at the northwestern corner of the site on Sanborn Avenue.

Construction of the project is anticipated to take approximately 18 months, and is partially being funded with a grant from the Department of Housing and Urban Development, (HUD), through the Economic



Foothill Blvd. Elevation



La Crescenta Ave. Elevation

**OPTION A**



Foothill Blvd. Elevation



La Crescenta Ave. Elevation

**OPTION B**

**FIGURE 2-4, CONCEPTUAL BUILDING ELEVATIONS**

Development Initiative Special Projects Program. A separate environmental assessment has been prepared in compliance with the National Environmental Policy Act.

### ***Operational Characteristics***

The existing La Crescenta Library would have to be demolished, along with the other existing uses on the project site, prior to construction of the proposed library. During construction, the existing library would be displaced and library users would be directed to the nearest County Library, the La Canada Flintridge Library, located approximately 3.7 miles away. This library would be utilized by residents of the La Crescenta community during construction of the proposed library.

Once open, it is anticipated that the new *La Crescenta Library* would be open five days a week, from 10:00 AM to 8:00 PM on Tuesdays and Wednesdays, 1:00 PM to 8:00 PM on Thursdays, 10:00 AM to 6:00 PM on Fridays, and 12:00 PM to 5:00 PM on Saturdays. The library would be closed on Sundays, Mondays, and holidays.

## **2.3 OBJECTIVES OF THE PROJECT**

The County of Los Angeles seeks to accomplish the following objectives with the proposed *La Crescenta Library*:

- ◆ To meet increasing demand for library services in the community;
- ◆ To provide an expanded library facility for the residents of La Crescenta and the surrounding communities;
- ◆ To provide a state-of-the-art library facility with current computer technology, research and educational tools, and reading resources;
- ◆ To enhance the visual character of the project area.

## **2.4 DISCRETIONARY ACTIONS**

A discretionary decision is an action taken by a government agency that calls for the exercise of judgment in deciding whether to approve a project. For this project, the government agency with discretionary approval is the County of Los Angeles Board of Supervisors. The proposed *La Crescenta Library* would require the following specific discretionary approvals from the County of Los Angeles Board of Supervisors:

- ◆ Adoption of the Mitigated Negative Declaration for the project
- ◆ Approval of funding for the project
- ◆ Approval of the site acquisition

In addition, HUD would need to approve the EA and the Finding of No Significant Impact (FONSI) for the project and allow the release of HUD funds for use in the construction of the library.

## SECTION 3: ENVIRONMENTAL ANALYSIS

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This section of the Initial Study evaluates the potential environmental impacts of the proposed *La Crescenta Library*, and provides explanations of the responses to the Environmental Checklist found in Appendix A of this document.

The Environmental Checklist is based on Appendix G of the CEQA Guidelines. Appendix G of the CEQA Guidelines provides a list of checklist questions that correspond directly to the legal standards for preparing Environmental Impact Reports (EIRs), Negative Declarations, and Mitigated Negative Declarations (MNDs). The environmental issues evaluated in this Initial Study include the following:

- ◆ Aesthetics
- ◆ Agricultural Resources
- ◆ Air Quality
- ◆ Biological Resources
- ◆ Cultural Resources
- ◆ Geology and Soils
- ◆ Hazards and Hazardous Materials
- ◆ Hydrology and Water Quality
- ◆ Land Use and Planning
- ◆ Mineral Resources
- ◆ Noise
- ◆ Population and Housing
- ◆ Public Services
- ◆ Recreation
- ◆ Transportation/ Traffic
- ◆ Utilities and Service Systems

The environmental analysis in this section is patterned after the questions in the Environmental Checklist. Under each issue area, a general discussion of the existing conditions is provided. The Environmental Checklist questions are then stated and an answer is provided according to the environmental analysis of the project's impacts. To each question, there are four possible responses:

- **No Impact.** The proposed *La Crescenta Library* will not have any measurable environmental impact on the environment.
- **Less Than Significant Impact.** The proposed project will have the potential for impacting the environment, although this impact will be below thresholds that may be considered significant.
- **Less Than Significant Impact with Mitigation.** The proposed project will have potentially significant adverse impacts which may exceed established thresholds, although mitigation measures or changes to the project's physical or operational characteristics will reduce these impacts to a level that is less than significant. Measures that may reduce potentially significant impacts are identified.
- **Potentially Significant Impact.** The proposed project will have impacts that are considered significant and additional analysis is required to identify mitigation measures that could reduce these impacts to insignificant levels. When an impact is determined to be potentially significant in the preliminary analysis, the environmental issue will be subject to detailed analysis in an environmental impact report (EIR).

The references and sources used for the analysis are also identified after each response.

### **3.1 AESTHETICS**

#### **Existing Developments**

The project site is a 0.87-acre L-shaped area, located northwest of the intersection of La Crescenta Avenue and Foothill Boulevard, in the unincorporated community of La Crescenta. Currently, the existing La Crescenta Library and associated parking is located on the project site, along with an automobile repair shop and a former used automobile sales lot. Existing building structures on the site include a 4,300-square-foot library building in the northeastern portion of the site, an automotive repair shop building in the southeastern portion of the site, and a small office for the former used automobile sales lot in the southwestern portion of the site. In addition, an approximately 25-foot tall billboard is located in the south-central portion of the site, along Foothill Boulevard.

Due to the grade difference, an approximately 15-foot high retaining wall separates the existing library on the higher elevation from the automobile repair shop and former used automobile sales lot at a lower elevation. Overhead power lines run along the northern side of Sanborn Avenue and on the eastern side of Dyer Street.

The site is bounded to the south by Foothill Boulevard and neighborhood commercial uses along the Foothill Boulevard corridor. The La Crescenta Elementary School and the I-210 Freeway are located south of the project site. Single-family residences are found east of the project site, as well as the Rosemont Middle School and the Marketplace Commercial Center. Various commercial establishments are located west of the site along the Foothill Boulevard corridor. Residential uses and the Los Angeles County Fire Station No. 63 are also located west of the site. The Monte Vista Elementary School and single-family residences are located north of the project site, with the San Gabriel Mountains farther north.

Scattered trees and shrubbery are confined to the library parcel at the northern portion of the project site, with ornamental landscaping around the existing library. The southern portion of the site along Foothill Boulevard is primarily paved with no landscaping. Parkway trees along Foothill Boulevard are less not as verdant as the parkway trees on La Crescenta Avenue.

#### **Views**

The project site is highly visible from Foothill Boulevard and La Crescenta Avenue. Dyer Street and Sanborn Avenue also form the boundaries of the shorter legs of the site. Views of the site from adjacent commercial establishments are defined by the one-story structures and paved parking areas. Views from residences to the north are limited to the library, since the auto repair shop and former used automobile sales lot are at lower elevation than the library. Distant views from the site include the Verdugo Mountains to the south and the San Gabriel Mountains to the north.

#### **Light and Glare**

Streetlights are located along Dyer Street and Foothill Boulevard at regular intervals along the roadway, with exterior lights at the existing automobile repair shop, former used automobile sales lot, billboard, and library.

*(Source: Site Survey)*

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**A. Would the project have a substantial adverse effect on a scenic vista?**

**Less than Significant Impact.** The project site or the adjacent areas are not part of a scenic view or vista. Scenic views of the San Gabriel Mountains are available to the north and of the Verdugo Mountains to the south.

The proposed *La Crescenta Library* involves the construction of a new and larger library at the project site. As proposed, the existing structures would be demolished, which include a 4,300-square-foot library facility, an automotive repair shop, a former used automobile sales lot, and a billboard. The project would replace the existing structures within the site with an approximately 14,000 square-foot, two-story library facility. Due to the grade difference, the project would feature a one-story structure on the northeastern section, similar to the existing library, when viewed along La Crescenta Avenue and Sanborn Avenue. However, a second story would extend along the southeastern portion of the project site as the proposed library building extends over the parking garage on Foothill Boulevard. Existing commercial and office buildings along Foothill Boulevard have the same bulk and scale as the proposed *La Crescenta Library*. The proposed two-story library would reflect the mix of one- and two-story structures currently found along Foothill Boulevard. While changes in views of the site and through the site would occur, the project would not block views of the Verdugo Mountains or the San Gabriel Mountains. Therefore, no impact on any scenic vista would occur from the proposed project.

*(Sources: Proposed Site Plan and Site Survey)*

**B. Would the project substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?**

**No Impact.** The *La Crescenta Library* site is currently developed with a library (1963) and associated parking, an automotive repair shop (1969), and a former used automobile sales lot (1962), none of which are historic buildings. The site is largely paved or built over and there are no rock outcroppings, scenic trees, or other scenic qualities. The proposed project would involve demolition of the existing structures and construction of a larger library facility. Due to the urbanized nature of the site, the project site does not contain any on-site scenic resources.

According to the State Department of Transportation and the Los Angeles County General Plan, Foothill Boulevard or La Crescenta Avenue, near the site, are not state-designated scenic routes. The nearest scenic highway is the Angeles Crest Scenic Byway, located two miles east of the site. The project site is not visible from this scenic highway and would not affect scenic resources along the Angeles Crest Highway. Therefore, no impact on scenic resources or scenic highways is expected with the proposed project.

*(Sources: Site Survey, Los Angeles County Tax Assessor's, Proposed Site Plan, Los Angeles County General Plan, and California's Scenic Routes)*

**C. Would the project substantially degrade the existing visual character or quality of the site and its surroundings?**

**Less than Significant Impact.** Existing developments on the project site include a library, an automotive repair shop, a former used automobile sales lot, and a 25-foot high commercial billboard. The proposed project would involve the demolition of the existing structures and the construction of an approximately 14,000-square-foot library facility with a parking garage and surface parking lot. The proposed library would provide a new and cleaner visual quality to the project site, as well as enhance the landscaping and parkway areas along the site. The project is discussed in greater detail in Section 2 of this Initial Study. A more comprehensive development would be provided on the five parcels, along with elimination of the

billboard. Thus, views along Foothill Boulevard and surrounding streets are expected to improve. The project is not expected to create negative aesthetic impacts. The proposed project would change the visual quality of the site but would not degrade the existing visual character of the site or the surrounding area.

(Sources: *Site Survey and Proposed Site Plan*)

**D. Would the project create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?**

**Less than Significant Impact.** Existing sources of light and glare on the project site include exterior lighting from the library, auto repair shop, former used automobile sales lot, and billboard. Streetlights and vehicle headlights from vehicles traveling along Foothill Boulevard, La Crescenta Avenue, Sanborn Avenue, and Dyer Street also add to nighttime lighting levels.

As proposed, the *La Crescenta Library* would replace all the existing uses on the project site with a larger library facility. Thus, new sources of light will occur in the form of security lighting surrounding the project site, lighting within the parking lot, and interior lighting from the library structure. Operation of the proposed library facility would extend into the evening and nighttime hours and interior and exterior lighting at the site would be visible to adjacent uses. However, the proposed lighting levels for the site are not expected to substantially increase over existing levels.

While glare could potentially come from vehicle headlights entering or exiting the site during the nighttime hours, these impacts would be minimal and are not expected to adversely affect adjacent land uses such as commercial services along Foothill Boulevard, where parking areas for the site would be provided. Less than significant adverse impacts are anticipated.

(Sources: *Proposed Site Plan and Site Survey*)

### **3.2 AGRICULTURAL RESOURCES**

#### **Existing Uses**

In the early-nineteenth century, north-central Los Angeles was largely developed with farms and orchards. However, very few agricultural uses currently remain in the region today. Located in the urbanized community of La Crescenta, the project site is developed with an existing library, an automotive repair shop, a former used automobile sales lot, and a commercial billboard. No agricultural uses are present on the project site or near the project site.

#### **Farmland Designation**

The California Department of Conservation's Farmland Mapping and Monitoring Program has designated the unincorporated community of La Crescenta within Los Angeles County as Developed Urban Land. The area is not designated as a prime farmland, unique farmland, or a farmland of statewide importance.

(Sources: *Site Survey and California Farmland Mapping and Monitoring Program*)

**A. Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?**

**No Impact.** The project site is located in an urbanized portion of Los Angeles County. No agricultural lands are located on or near the site. The project site is surrounded by urban land uses and is not designated as farmland under the Farmland Mapping and Monitoring Program of the California Department of Conservation. Thus, no impact on farmlands would occur with the proposed project.

*(Sources: Site Survey and California Farmland Mapping and Monitoring Program)*

**B. Would the project conflict with existing zoning for agricultural use, or a Williamson Act contract?**

**No Impact.** The project site is currently developed with urban land uses. No agricultural lands are found on or near the site. The site is not zoned as Agricultural land by the County of Los Angeles. Rather, the library parcel is zoned R-1 (Single-Family Residence) and the commercial parcels on Foothill Boulevard are zoned C-3 (Unlimited Commercial). There are no agricultural lands under a Williamson Act contract near the site. The proposed project would not affect agricultural resources in the project area or in the County of Los Angeles. No impact to agricultural zones, resources, or operations in the region would result from the proposed project.

*(Sources: California Farmland Mapping and Monitoring Program, Los Angeles County Municipal Code, and Site Survey)*

**C. Would the project involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use?**

**No Impact.** The proposed *La Crescenta Library* would not be located on existing farmland in the County of Los Angeles, nor would the project induce the conversion of nearby agricultural land to non-agricultural uses. The project site is currently developed and no agricultural land uses are located near the project site. Therefore, the project would not result in farmland conversion and no impacts on farmland would occur with the project.

*(Sources: Los Angeles County General Plan, Los Angeles County Municipal Code, and Site Survey)*

### **3.3 AIR QUALITY**

#### **Climate**

The project site for the proposed *La Crescenta Library* is located within the South Coast Air Basin (SCAB). This basin is a 6,600-square-mile coastal plain bounded by the Pacific Ocean to the west and the San Gabriel, San Bernardino, and San Jacinto Mountains to the north and east. The SCAB includes all of Orange County and the non-desert portions of Los Angeles, Riverside, and San Bernardino Counties. Basin-wide conditions are characterized by warm summers, mild winters, infrequent rainfall, moderate onshore daytime breezes, and moderate humidities.

All seasons generally exhibit onshore flows during the day and offshore flows at night, after the land cools below the temperature of the ocean. The likelihood of strong offshore flows, including Santa Ana winds, is greater during winter than during summer.

The topography and climate of Southern California combine to produce unhealthful air quality in the air basin. Low temperature inversion, light winds, shallow vertical mixing, and extensive sunlight, in conjunction with topographical features such as adjacent mountain ranges that hinder dispersion of air pollutants, combine to create degraded quality, especially in inland valleys of the basin.

## **Air Quality Standards**

Air quality is measured by comparing contaminant levels in ambient air samples to national and state standards. These standards are set by the U.S. Environmental Protection Agency (EPA) and the California Air Resources Board at levels determined to be protective of public health and welfare with an adequate margin of safety. The federal Clean Air Act of 1970 first authorized national ambient air quality standards (NAAQS). California ambient air quality standards (CAAQS) were authorized by the State legislature in 1967.

Air quality is considered in "attainment" of NAAQS if pollutant levels are below or equal to the standards continuously and exceed them on average no more than once each year. California standards are generally more stringent than the national standards. Whereas, one violation of national standards averaged over three years is still considered as meeting NAAQS, the definition of CAAQS attainment is zero violations.

Air quality standards specify the upper limits of concentrations and duration in the ambient air consistent with the management goal of preventing specific harmful effects. There are national and state standards for ozone (O<sub>3</sub>), carbon monoxide (CO), nitrogen dioxide (NO<sub>2</sub>), airborne particulate matter with an aerodynamic diameter of less than 10 microns (PM-10), sulfur dioxide (SO<sub>2</sub>), and lead (Pb). A federal standard for ultra-fine particulate matter (2.5 microns in diameter or less, or PM-2.5) was adopted in 1997. Since the California 24-hour PM-10 standard, which includes PM-2.5 as a sub-set, is more stringent than the federal PM-2.5 standard, compliance with the state PM-10 standard is presumed to assure compliance with the federal 24-hour PM-2.5 standard automatically. Also, a State standard for PM-2.5, which is more stringent than its federal counterpart, has been adopted.

Both the federal government through the Clean Air Act, and the State of California, through the California Clean Air Act require the development of comprehensive plans for the attainment of air quality standards. The SCAB has been designated as a non-attainment area for ozone, CO, and PM-10. Any proposed project must demonstrate that its construction and operational impacts on air quality will not conflict with or obstruct implementation of the applicable air quality control plan, which is the Air Quality Management Plan (AQMP) developed by the SCAQMD for the SCAB.

## **Local Air Quality**

Air quality is determined primarily by the type and amount of contaminants emitted into the atmosphere, the size and topography of the basin, and its meteorological conditions. During several times of the year, the SCAB experiences poor atmospheric mixing conditions and light winds which are conducive to the accumulation of air pollutants and, thus, poor air quality.

Existing levels of ambient air quality and historical trends in the project area are best documented by measurements made by SCAQMD at its West San Gabriel Valley air monitoring station. Air quality trends developed at the Central Los Angeles monitoring station for 2000 through 2003 are presented below in Table 3-1, *Ambient Air Quality Monitoring Data*. As shown, air quality standards have been exceeded in the West San Gabriel Valley area for particulate matter (PM-2.5) and ozone.

**TABLE 3-1**  
**AMBIENT AIR QUALITY MONITORING DATA**

<b>Pollutant Standards</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
<b>Carbon Monoxide (CO)</b>				
Maximum 8-hour concentration (ppm)	7.4	5.0	4.0	3.8
Maximum 1-hour concentration (ppm)	9	7	6	5
No. of Days Standard Exceeded:				
NAAQS (8-hour) $\geq$ 9.5 ppm	0	0	0	0
NAAQS (1-hour) $>$ 35 ppm	0	0	0	0
CAAQS (8-hour) $\geq$ 9.0 ppm	0	0	0	0
CAAQS (1-hour) $>$ 20 ppm	0	0	0	0
<b>Nitrogen Dioxide (NO<sub>2</sub>)</b>				
Maximum 1-hour concentration (ppm)	0.17	0.15	0.15	0.14
No. Days Standard Exceeded:				
Annual compared to Fed. Standard (average arithmetic mean) $>$ 0.053 ppm	0.0296	0.0345	0.0335	0.0322
CAAQS (1-hour) $>$ 0.25 ppm	0	0	0	0
<b>Particulate Matter (PM-10)</b>				
Maximum 24-hour concentration ( $\mu\text{g}/\text{m}^3$ )	0	0	0	0
Average arithmetic mean conc. ( $\mu\text{g}/\text{m}^3$ )	0	0	0	0
Average geometric mean conc. ( $\mu\text{g}/\text{m}^3$ )	0	0	0	0
No. of samples exceeding standards:				
NAAQS (24-hour) $>$ 150 ( $\mu\text{g}/\text{m}^3$ )	0	0	0	0
CAAQS (24-hour) $\geq$ 50 ( $\mu\text{g}/\text{m}^3$ )	0	0	0	0
<b>Particulate Matter (PM-2.5)</b>				
Maximum 24-hour concentration ( $\mu\text{g}/\text{m}^3$ )	66.3	78.1	57.8	89.0
Average arithmetic mean conc. ( $\mu\text{g}/\text{m}^3$ )	19.3	20.9	20.3	18.6
No. of samples exceeding standards:				
NAAQS (24-hour) $>$ 150 ( $\mu\text{g}/\text{m}^3$ )	1	1	0	1
<b>Ozone (O<sub>3</sub>)</b>				
Maximum 1-hour concentration (ppm)	0.16	0.160	0.137	0.152
No. Days Standards Exceeded:				
NAAQS (1-hour) $>$ 0.12 ppm	7	1	3	7
NAAQS (8-hour) $>$ 0.08 ppm	14	9	10	28
CAAQS (1-hour) $>$ 0.09 ppm	19	28	23	44
<b>Sulfur Dioxide (SO<sub>2</sub>)</b>				
Maximum 1-hour concentration (ppm)	0	0	0	0
Maximum 24-hour concentration (ppm)	0	0	0	0
No. of Days Standard Exceeded				
Average compared to Federal Standard (annual arithmetic mean) $>$ 0.03 ppm	--	--	--	--
CAAQS (1-hour) $>$ 0.25 ppm	0	0	0	0
<b>Lead (Pb)</b>				
Maximum quarter concentration ( $\mu\text{g}/\text{m}^3$ )	0	0	0	0
No. of Days Standard Exceeded				
NAAQS (quarterly average) $>$ 1.5 $\mu\text{g}/\text{m}^3$	0	0	0	0
CAAQS (monthly average) $\geq$ 1.5 $\mu\text{g}/\text{m}^3$	0	0	0	0
<b>Sulfate</b>				
Maximum 24-hour concentration ( $\mu\text{g}/\text{m}^3$ )	13.9	13.4	10.5	12.7
No. (%) Samples Exceeded				
CAAQS (24-hour) $\geq$ 25 $\text{g}/\text{m}^3$	0	0	0	0

Source: SCAQMD Air Quality Summaries for the West San Gabriel Valley station, 2000-2003.

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## Existing Emissions

The existing uses on-site generate air pollutants associated with vehicular trips coming to and from the on-site uses and stationary emissions from power and gas consumption. Sources of pollutants in the surrounding area include vehicles on area roadways and the nearby freeways.

(Sources: Site Survey, SCAQMD Air Monitoring Data, and SCAQMD CEQA Air Quality Handbook)

### A. Would the project conflict with or obstruct implementation of the applicable air quality plan?

**Less than Significant Impact.** The federal Clean Air Act and the California Clean Air Act have established timeframes for air quality improvement in "non-attainment" areas such as the South Coast Air Basin. As mandated by federal and state clean air legislation, attainment plans must be prepared that documents how progress milestones will be achieved. These plans identify the expected baseline conditions for the no-action alternative, and then specify the additional measures needed, if any, that will meet the required continued air quality improvement. The planning process is heavily focused on stationary and area source controls, and also incorporates anticipated changes in the vehicle fleet with time. Planned emissions reductions are offset by project growth in population, housing, employment, and land use. This offset is less pronounced in highly developed areas of Los Angeles County.

The 0.87-acre project site is developed with a library, auto repair shop, and former used automobile sales lot. The Air Quality Management Plan (AQMP) for the South Coast Air Basin has considered these existing land uses in its planning and growth projections for the basin. The project would replace existing uses with an approximately 14,000-square-foot library. Because public uses, such as the new *La Crescenta Library*, are growth-accommodating and not growth-inducing, and are designed to meet the needs of the area population as it continues to grow, no adverse regional air quality impacts are anticipated from the proposed project.

Vehicular trips associated with the proposed library may generate pollutant emissions contributing to existing air pollution levels in the project area. However, it is anticipated that the projected increase in vehicular trips associated with the *La Crescenta Library* would replace the vehicular trips associated with the existing land uses at the project site. The net increase in vehicle trips is estimated at 481 daily trips. However, these trips would be local trips that would replace some of the existing trips from residents who currently have to go to more distant libraries.

The AQMP contains a number of land use measures and goals that are considered air quality positive. These include intensification of land uses near points of multiple transportation system access, and mixed land uses to encourage non-vehicular mobility between homes, jobs, and goods/services. The proposed *La Crescenta Library* would be located in a central area near the I-210 and SR-2 Freeways and major roadways such as Foothill Boulevard, and La Crescenta Avenue. A Metro bus also has a stop at Foothill Boulevard and La Crescenta Avenue to facilitate travel by bus transit. Thus, the proposed project would meet AQMP objectives.

The AQMP also encourages reduction of vehicle trips (VT) and vehicle miles traveled (VMT). The project would replace the existing library facility with a larger library to serve local residents. This will meet the demand for library services in the area and reduce the need to travel to larger and better-equipped libraries in nearby communities or farther away. The site's location also allows local residents to walk to the library. Since the proposed library would provide greater library resources to the project vicinity, resulting in less travel for residents and students attending schools within the project area, the project is consistent with air quality planning objectives.

The proposed *La Crescenta Library* is not inconsistent with the Air Quality Management Plan (AQMP) of the SCAQMD and would not conflict with or obstruct implementation of the AQMP.

(Sources: Site Survey, Proposed Site Plan, and SCAQMD AQMP)

**B. Would the project violate any air quality standard or contribute substantially to an existing or projected air quality violation?**

**Less than Significant Impact.** Air quality impacts are considered significant if they cause clean air standards to be violated where they are currently met, or if they measurably contribute to an existing violation of standards. Any substantial emissions of air contaminants for which there is no safe exposure, or nuisance emissions such as dust or odors, would also be considered a significant impact.

Many pollutants require further chemical transformation before they reach their most harmful form. Impact quantification on a single- project basis is therefore not feasible. To overcome this difficulty, the SCAQMD has designated significant emissions levels as surrogates for evaluating the impact significance independent of the chemical transformation processes. Projects in the SCAB with daily emissions that exceed the emission thresholds recommended by the SCAQMD are considered to have significant adverse air quality impacts. These thresholds are provided in Table 3-2, *SCAQMD Emissions Significance Thresholds*.

**TABLE 3-2  
SCAQMD EMISSIONS SIGNIFICANCE THRESHOLDS**

Pollutant	Construction	Operations
ROG	75	55
NO <sub>x</sub>	100	55
CO	550	550
PM-10	150	150
SO <sub>x</sub>	150	150

Source: SCAQMD CEQA Air Quality Handbook, November, 1993 as amended.

***Demolition and Construction Emissions***

Construction of the proposed *La Crescenta Library* would involve demolition of the existing building structures, billboard, and pavements, and would involve the construction of an approximately 14,000 square-foot library. The project would generate pollutant emissions from demolition and construction equipment, worker trips, and on-site activities. Fugitive dust would be created during demolition, grading and building activities within the construction area. Much of this dust is comprised of large diameter material that rapidly settles back out of the air. A smaller portion of such dust is comprised of 10-micron or less particulate matter (PM-10) which remains suspended in the air semi-indefinitely. Construction activity PM-10 is mainly comprised of chemically inert soil particulates with very little of the material in the ultra-small diameter (2.5 microns or less, called PM-2.5) size range.

Dust (PM-10) emission rates vary as a function of many parameters (soil silt, soil moisture, wind speed, area disturbed, number of vehicles, depth of disturbance or excavation, etc.). The SCAQMD estimates daily PM-10 emissions during construction to be 26.4 pounds per day per acre disturbed when "standard" dust control procedures required by SCAQMD Rule 403 (Fugitive Dust) are used. Upgraded dust control procedures will reduce the average daily PM-10 emission rate to as low as 10.2 pounds per day with the required use of best available control methods (BACMs).

Ground disturbance at the site would be limited to the 0.87-acre site. Thus, daily PM-10 emissions are estimated at 23 pounds per day, which is substantially less than the SCAQMD significance threshold for PM-10 of 150 pounds per day.

Also, demolition of existing buildings will generate dust as walls are pulled down and concrete foundations are broken up. Some of the building materials may be crushed and reused for new construction. The PM-10 emission factor for demolition activities is given by the SCAQMD as 42 pounds per 100,000 cubic feet of demolition volume. With the floor area and building volume of the existing structures, demolition emissions are estimated at 39 pounds of PM-10 per day.

Construction activities associated with the proposed library would require the use of heavy equipment to prepare the ground and for construction of the building. Using the California Air Resources Board's Urbemis2002 model, estimates of construction emissions are provided in Table 3-3, *Demolition and Construction Emissions*.

**TABLE 3-3  
DEMOLITION AND CONSTRUCTION EMISSIONS (LBS/DAY)**

Pollutant	Emissions	SCAQMD Thresholds
ROG	16.33	75
NO <sub>x</sub>	13.53	100
CO	2.58	550
SO <sub>x</sub>	0.02	150
PM-10	4.22	150
Worksheets are provided in Appendix B. Source: CARB, Urbemis2002.		

As shown, demolition and construction emissions are expected to be below SCAQMD significance thresholds.

### ***Operational Emissions***

The proposed project would produce long term emissions from vehicle trips generated by the proposed *La Crescenta Library*. The vehicle trips (756 daily trips) to and from the site would contribute to air pollution levels in the region. However, the proposed project would simultaneously replace the existing land uses and trips generated by existing land uses would be removed, resulting in a net increase of 481 daily trips. Estimates of operational emissions associated with vehicle trips and stationary energy consumption from the proposed project are provided in Table 3-4, *Operational Emissions*.

**TABLE 3-4  
OPERATIONAL EMISSIONS (LBS/DAY)**

Pollutant	Vehicle Emissions	Stationary Emissions	Total	SCAQMD Thresholds
ROG	8.06	0.09	8.15	75
NO <sub>x</sub>	10.43	0.14	10.57	100
CO	113.80	0.64	114.43	550
SO <sub>x</sub>	0.09	0.00	0.09	150
PM-10	8.14	0.00	8.14	150
Worksheets are provided in Appendix B. Source: CARB, Urbemis2002.				

The proposed project would not lead to emissions that would exceed SCAQMD thresholds of significance. Thus, impacts associated within the generation of pollutant emissions by the project would be less than significant.

(Sources: Site Survey, Proposed Site Plan, Urbemis2002, and SCAQMD CEQA Air Quality Handbook)

**C. Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?**

**Less than Significant Impact.** As discussed above, construction and vehicle emissions associated with the proposed *La Crescenta Library* would not exceed SCAQMD thresholds and would not be significant. Most mobile source pollutants create regional impacts after conversion of precursor emissions to their most unhealthful forms. Carbon monoxide (CO) is the one pollutant that is emitted in its already most unhealthful form. Congested intersections have often been found to be areas of highly localized violations of CO standards. These violations are called "hot spots".

Maximum hourly CO levels in the project area are estimated at around 5 ppm, based on 2003 monitoring data from the SCAQMD (see Table 3-1). It would take an additional local contribution of 15 ppm to equal or exceed the CO 1-hour standard of 20 ppm. Since the proposed library would represent a minor increase in development in the project area, CO concentrations due to the proposed project area are not expected to contribute 15 ppm or increase CO levels to four times the existing levels.

Since the proposed project would also lead to the removal of the existing library, auto repair shop and former used automobile sales lot and the pollutant emissions from these land uses, the increase in pollutant emissions on local streets associated with the proposed project is expected to be even less than the estimates provided in Table 3-4 above. Thus, the project would not lead to CO concentrations of 20 ppm or more and no CO "hot spots" are forecasted to occur at intersections near the project area. Microscale air quality impacts are thus individually and cumulatively less than significant.

(Sources: Site Survey, Proposed Site Plan, and SCAQMD CEQA Air Quality Handbook)

**D. Would the project expose sensitive receptors to substantial pollutant concentrations?**

**Less than Significant Impact with Mitigation.** During demolition and construction activities for the proposed library, construction and debris emissions have the potential to affect sensitive receptors located near the project site. These sensitive receptors include single-family residential units located northwest, north, and northeast of the project site. In addition, employees and patrons at neighboring commercial businesses may be present near the site during demolition and construction activities.

Thus, nuisance associated with fugitive dust and demolition and construction activity emissions would affect adjacent residences and businesses. It is recommended that reasonably available control measures (RACMs) be implemented even if significance thresholds are not exceeded, to avoid adverse impacts on sensitive receptors.

**Mitigation**

*Mitigation Measure 1: The following dust and emission control measures shall be implemented to reduce emissions and their potential for adversely affecting adjacent residences and businesses during the demolition and construction phase:*

*For Dust Control:*

- *Water construction areas at least twice daily.*
- *Cover all haul trucks or maintain at least two feet of freeboard.*
- *Pave or apply water four times daily to all unpaved parking or staging areas.*
- *Sweep site access points within 30 minutes of any visible dirt deposition on any public roadway.*
- *Cover or water twice daily any on-site stockpiles of debris, dirt or other dusty material.*
- *Suspend all operations on any unpaved surface if winds exceed 25 mph.*
- *Hydroseed or otherwise stabilize any cleared area which remains inactive for more than 96 hours after clearing is completed.*

*For Construction Equipment Emissions:*

- *Require 90-day low-NO<sub>x</sub> tune-ups for off-road equipment.*
- *Limit allowable idling to 10 minutes for trucks and heavy equipment.*

*For Off-Site Emissions:*

- *Encourage car pooling for construction workers.*
- *Limit lane closures to off-peak travel periods.*
- *Park construction vehicles off traveled roadways.*
- *Encourage delivery of materials during non-peak traffic hours.*

Implementation of this mitigation measure would reduce nuisance impacts to adjacent residences and businesses. Impacts are expected to be less than significant after mitigation.

*(Sources: Site Survey, Proposed Site Plan, and SCAQMD CEQA Air Quality Handbook)*

**E. Would the project create objectionable odors affecting a substantial number of people?**

**No Impact.** Operation of the proposed *La Crescenta Library* is not expected to result in the potential for the release of toxic waste in the form of noxious odors and gaseous fumes, which may create a nuisance when located in close proximity to sensitive receptors. No handling of large amounts of solid wastes, chemicals, and food products, which may generate objectionable odors, would occur at the proposed library site. Therefore, the project is not expected to create objectionable odors. No impacts are expected.

*(Sources: Site Survey, Proposed Site Plan, and SCAQMD CEQA Air Quality Handbook)*

**3.4 BIOLOGICAL RESOURCES****Plant Life**

The project site is located in the highly urbanized community of La Crescenta in the north-central portion of Los Angeles County. The 0.87-acre site is largely paved and built over, with scattered ornamental plants found on-site. Parkway trees are present along Foothill Boulevard and La Crescenta Avenue and shrubs and trees are present along the northern and eastern sides of the library building and along the slope on La Crescenta Avenue. The parcels for the auto repair shop and former used automobile sales lot do not have on-site plants or landscaping.

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## Animal Life

Animal life on-site and in the area is limited to those species commonly found in an urbanized setting, such as common bird, insect, reptile, and small mammal species. According to the Los Angeles County General Plan, the site is located within an urban area and outside designated conservation and open spaces. The site is also located outside a Significant Ecological Area (SEA) or buffer or a Hillside Management area. Due to the highly urbanized nature of the site and the surrounding area, no endangered or sensitive plant or animal species are expected to be present on or near the site.

(Sources: Los Angeles County General Plan and Site Survey)

**A. Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?**

**No Impact.** The project site is currently developed with urbanized uses including a library, auto repair shop, and former used automobile sales lot. Existing vegetation on-site and in the surrounding area include ornamental trees and shrubs that are located in the landscaped areas of the parking lot and in the setbacks and parkways along Foothill Boulevard, La Crescenta Avenue, Dyer Street, and Sanborn Avenue. The site does not support native habitat. In addition, the project site does not contain sensitive plant or animal species, or habitat for sensitive animal species. Thus, no impact on sensitive plant and animal species would result from the construction and operation of the proposed *La Crescenta Library*.

(Sources: Los Angeles County General Plan and Site Survey)

**B. Would the project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?**

**No Impact.** The project site is currently developed and vegetation on-site and in the surrounding area consists of ornamental trees and shrubs located in the landscaped areas of the parking lots and the parkways along Foothill Boulevard, La Crescenta Avenue, Dyer Street, and Sanborn Avenue. There are no open channels or drainage courses on or adjacent to the site. Storm drainage is provided through curbs and gutters and underground lines along streets. The site does not support riparian habitats or natural communities identified in local or regional natural community conservation plans, policies, or regulations, or by the California Department of Fish and Game or the United States Fish and Wildlife Service. Thus, no impact to these resources would result from the proposed project.

(Sources: USGS Pasadena Quadrangle and Site Survey)

**C. Would the project have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?**

**No Impact.** The project site does not contain any wetland habitat or any designated blue line streams. The nearest major watercourse is the Verdugo Wash, which is approximately 0.78-mile southwest of the site. The Verdugo Wash is channelized and does not support wetland habitat. The project site is currently developed with urban uses and is largely paved. The proposed project will retain the site's paved and built condition. Storm drainage associated with runoff from the project site would continue to be directed into

the existing storm water drainage facilities along La Crescenta Avenue and Foothill Boulevard. Therefore, no impacts to wetland resources are expected to occur as a result of the project.

*(Sources: Proposed Site Plans and Site Survey)*

**D. Would the project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?**

**No Impact.** The project site is located within an urbanized area of the La Crescenta community and is surrounded by existing streets: La Crescenta Avenue, Foothill Boulevard, Dyer Street, and Sanborn Avenue. Vegetation on-site and in the surrounding area consists of ornamental trees and shrubs and non-native vegetation. The site does not support native habitat nor does it contain native resident or migratory fish or wildlife species. Animals typically found in urban settings, such as small mammals, insects, and various bird species, are expected to use the site, but neither the site nor nearby areas serve as established native resident or migratory wildlife corridors. Therefore, the proposed project would not interfere with the movement of any native resident or migratory fish or wildlife species, with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites.

*(Sources: Los Angeles General Plan and Site Survey)*

**E. Would the project conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?**

**No Impact.** The proposed project would involve construction of a new library facility for the La Crescenta community. No significant biological resources exist on or near the site. Landscaped medians within the existing parking areas and along adjacent roadways support ornamental trees and shrubs. The proposed project may require removal of some of the on-site ornamental trees, which are currently part of the on-site parking area landscaping for the existing library. However, these are not oak trees and are not protected by a tree preservation policy or ordinance. In addition, the proposed landscaping for the project includes the re-planting of additional trees and vegetation on-site, as well as a greenbelt along Foothill Boulevard. As such, the project would not conflict with any local policies or ordinances protecting biological resources.

*(Sources: Proposed Site Plan and Site Survey)*

**F. Would the project conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?**

**No Impact.** The project site is currently developed and on-site vegetation consists of ornamental trees and shrubs found in parking areas of the library, as well as within the setback areas along La Crescenta Avenue. The proposed project would replace existing land use on the site and provide more landscaped areas. There is no adopted Habitat Conservation Plan or Natural Community Conservation Plan for the site or the nearby areas. According to Los Angeles County General Plan, the project site and adjacent areas are not included within an existing or proposed natural community conservation plan. Thus, the project would not conflict with any local, regional, or state habitat conservation plans.

*(Sources: Los Angeles County General Plan and Site Survey)*

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### 3.5 CULTURAL RESOURCES

#### Regional History

The County of Los Angeles has rich cultural history, with various resources found throughout the County. The oldest human bones were discovered in the County from the La Brea Tar Pits in the Wilshire community of Los Angeles (approximately 21.4 miles southwest of the project site). These bones are estimated to be approximately 9,000 years old. Paleontological resources such as mammoth and saber-tooth cat fossils have also been found in the La Brea Tar Pits.

Hunter-gatherer Indians inhabited the Los Angeles region before the arrival of Spanish and European settlers. Modern cultural history of Los Angeles dates to the establishment of the pueblo (town) in 1781 by a Spanish expedition that originated in present-day Mexico. The town of Los Angeles came under Mexican rule in 1821 with the establishment of the Republic of Mexico. Los Angeles was occupied by United States military forces from 1847 to 1850 and became a U.S. city in 1850.

#### Local History

The unincorporated community of La Crescenta developed in the early to mid-1900s. The La Crescenta Library was the 78th branch of the Los Angeles County Public Library system when it first opened in November 1914. The first small book collection was housed in a local church building with Belle F. Miller as Branch Supervisor. The library subsequently moved several times, from a school to a local store front, one of which was the Sears building in 1926. By 1932, the library had settled into a building at 3930 La Crescenta Avenue. As the population grew in La Crescenta, so did the demand for an expanded library facility. Los Angeles County finally found an appropriate site at 4521 La Crescenta Avenue, and the library opened in March 14, 1963.

*(Sources: Los Angeles County General Plan, La Crescenta Community Website, and Site Survey)*

**A. Would the project cause a substantial adverse change in the significance of a historical resource as defined in CEQA Guidelines Section 15064.5?**

**No Impact.** According to the Los Angeles County General Plan, no historical resources are located on or immediately adjacent to the project site. On-site structures were built in the early 1960's and are not considered historically significant. The library was built in 1963, the former used automobile sales lot in 1962 and the auto repair shop in 1963. The billboard was erected in 1989. Demolition of the existing building structures on the project site would not create significant impacts to historical resources.

*(Sources: Los Angeles County General Plan, Los Angeles County Assessor, and Site Survey)*

**B. Would the project cause a substantial adverse change in the significance of an archaeological resource pursuant to CEQA Guidelines Section 15064.5?**

**No Impact.** No archaeological resources are known to exist on or immediately adjacent to the project site. Due to prior site disturbances associated with construction of the existing library, auto repair shop, former used automobile sales lot, and adjacent urban developments, on-site soils are expected to be highly disturbed and no in-situ archaeological resources are expected to be present on the site. Since the proposed project would not be located on or immediately adjacent to known archaeological resources, the project is not expected to cause an adverse change in the significance of any archaeological resources in the region.

*(Sources: Los Angeles County General Plan and Site Survey)*

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**C. Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?**

**No Impact.** The project site is underlain with very coarse-grained Holocene Alluvium formations. This formation is considered to have a moderate probability of paleontological resources. However, due to prior site development within the highly urbanized community, no paleontological resources are expected to be discovered during construction of the *La Crescenta Library*. Based on previous on-site developments, no paleontological resources are known to exist on or immediately adjacent to the project site. Also, demolition and construction activities would not involve excavation activities into native soils. The project is not expected to have an adverse impact on paleontological resources.

(Sources: Los Angeles County General Plan and Site Survey)

**D. Would the project disturb any human remains, including those interred outside of formal cemeteries?**

**No Impact.** The project site is currently developed with a library, auto repair shop, and former used automobile sales lot. There is no known evidence that the project site was previously used as a cemetery. No impact on human remains is expected to occur with the demolition and construction activities associated with the proposed *La Crescenta Library*.

(Sources: Los Angeles County General Plan and Site Survey)

### **3.6 GEOLOGY AND SOILS**

#### **Seismicity**

The project site is located in a seismically active region. The La Crescenta community is located near several active fault systems, including the Sierra Madre Fault, Vasquez Creek Fault Zone, Verdugo Fault, and the San Gabriel Fault. The Sierra Madre Fault Zone is located approximately 0.4-mile north of the project site, and is believed to be capable of producing an earthquake having a maximum credible magnitude of 7.0. The Vasquez Creek Fault Zone is located approximately 3.0 miles northeast of the project site, and is believed to be capable of producing an earthquake having a maximum credible magnitude of 7.0. The Verdugo Fault Zone is located approximately 4.2 miles southwest of the project site, and is believed to be capable of producing an earthquake with a maximum credible magnitude of 6.8; and the San Gabriel Fault Zone is located approximately 4.6 miles northwest of the project site, and is believed to be capable to producing an earthquake having a maximum credible magnitude of 6.8.

#### **Geology**

Soils borings at the site identified fine to coarse grain sands near the surface. The sands were slightly moist, dense and hard, with rock fragments. The project site is underlain with very coarse-grained Holocene Alluvium formations. The project site has a slanting uphill slope to the north, with an on-site elevation of approximately 1,580 feet above mean sea level (msl) at the northern portion of the site, and approximately 1,565 feet above msl along the southern portion of the site. While there is a grade difference between the northern and southern sections of the site, no landslide hazards are present in the area. No geologic concerns such as liquefaction, inundation, wildland and urban fire hazards, and shallow/perched water, are present on the site.

(Sources: Southern California Earthquake Data Center, General Soil Map for Los Angeles County, Los Angeles County General Plan, USGS Pasadena Quadrangle, Limited Phase II ESA, and Site Survey)

- A. Would the project expose people or structures to potential substantial adverse effect, including the risk of loss, injury, or death involving rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault?**

**No Impact.** The project site is located in a seismically active region of Southern California, with several earthquake faults located in the project vicinity. However, no known faults cross the project site. The nearest fault to the site is the Sierra Madre Fault, which is located 0.4-mile north of the project site. Other nearby faults (Vasquez Creek Fault Zone, Verdugo Fault, and the San Gabriel Fault) and their extensions do not cross the site. Thus, no fault rupture hazards are expected at the site.

(Sources: Los Angeles County General Plan Safety Element and Proposed Site Plan)

- B. Would the project be subject to strong seismic groundshaking?**

**Less than Significant Impact.** The proposed *La Crescenta Library* would be exposed to groundshaking hazards associated with earthquake events in the region. Due to the site's location within the seismically active region of Southern California, groundshaking hazards could cause personal injury and property damage, depending on the magnitude of the earthquake and the distance of the site to the epicenter. These hazards are not unlike the hazards in other areas of the County. However, the building structure proposed for the *La Crescenta Library* would be constructed to meet the regulations of the California Building Code as adopted by the County of Los Angeles, including applicable seismic design criteria. Groundshaking hazards associated with earthquake events are not expected to become worse with the proposed library project. The project is not expected to expose persons to undue or increased hazards associated with groundshaking. Thus, the impact of strong seismic ground shaking would be less than significant.

(Sources: Los Angeles County General Plan Safety Element and Proposed Site Plan)

- C. Would the project be subject to seismic-related ground failure, including liquefaction?**

**No Impact.** Liquefaction is a geologic condition that occurs in saturated, cohesionless (usually sandy) soils in which the soils experience transformation from a solid to a liquid state, as a result of increased interstitial pore pressure and reduced effective stress. This typically occurs in the upper 30 feet during groundshaking such as during an earthquake event. According to the Safety Element of the Los Angeles County General Plan, the *La Crescenta Library* site not located in areas characterized by soils that demonstrate a high potential for liquefaction. The existing developments on the site have also not been subject to liquefaction hazards. Therefore, the proposed *La Crescenta Library* would not be impacted by liquefaction hazards during seismic events. No liquefaction hazards are expected with the project.

(Sources: Los Angeles County General Plan Safety Element and Site Survey)

- D. Would the project be subject to landslides?**

**Less than Significant Impact.** The project includes the development of a new library facility to replace existing land uses on the project site. According to the Safety Element of the Los Angeles County General Plan, the project site is located outside known landslide areas, although the hillside areas to the north of the

site are subject to landslides and mud and debris flooding. The project site has a sloping terrain to the south, with an approximately 15-foot difference between the northern end and the southern end.

Since the site is largely paved and will remain largely paved, no landslide hazards are expected to be created by the project. Building design will consider the elevation change and would avoid the creation of landslide hazards. Thus, impacts are expected to be less than significant.

*(Sources: Site Survey, Proposed Site Plan, USGS Pasadena Quadrangle and Los Angeles County General Plan Safety Element)*

**E. Would the project result in substantial soil erosion or the loss of topsoil?**

**Less than Significant Impact.** The soils that underlie the site have slow runoff and slight erosion hazards. The site is largely paved and built over and will remain largely paved. Open areas will be limited to landscaping areas to be provided along the perimeter of the site. Thus, no soil erosion hazards are expected on site. During grading and excavation activities, the potential for short-term soil erosion may occur, due to the sloping topography of the site. Standard erosion control measures, as required by the County, will be implemented during construction to prevent hazards associated with soil erosion. Thus, impacts are expected to be less than significant.

*(Sources: Proposed Site Plan, Site Survey, USGS Pasadena Quadrangle, General Soil Map for Los Angeles County, and Los Angeles County General Plan Safety Element)*

**F. Would the project be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?**

**Less than Significant Impact.** The project site is located in an urbanized portion of La Crescenta and is not situated within an area that is subject to soil subsidence. The project site does not contain any unique geologic or physical features that would preclude construction of the proposed *La Crescenta Library*. The site is not known to have geologic hazards associated with landslide, lateral spreading, subsidence, liquefaction, or collapse.

The proposed library would maintain the topography of the site, with a one-story structure on the upper northern section and a two-story structure on the lower southern section. No significant impacts to geologic units or other physical features are anticipated as a result of project implementation. Thus, no unstable geologic conditions would be created on the site. Impacts would be less than significant.

*(Sources: Site Survey, Proposed Site Plan, USGS Pasadena Quadrangle, and County of Los Angeles General Plan Safety Element)*

**G. Would the project be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?**

**No Impact.** The project site is not located within areas known to have soil expansion hazards or clay soils (which have high shrink-swell potential) as defined in Table 18-1-B of the Uniform Building Code. The soils that underlie the site have low shrink-swell potential. Also, demolition and construction activities associated with the proposed project would not create on-site hazards associated with expansive soils. Thus, no soil expansion hazard is expected with the project.

*(Sources: Site Survey, General Soil Map for Los Angeles County, and Uniform Building Code)*

**H. Would the project have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of waste water?**

**No Impact.** The project site is served by public sanitary sewer facilities located within the La Crescenta Avenue right-of-way. Septic tanks or alternative methods of wastewater disposal are not proposed as part of the project. Thus, no impacts to soils unsuitable for on-site sewage disposal systems would occur as a result of the project.

*(Sources: Site Survey, Los Angeles County General Plan, and Proposed Site Plan)*

### **3.7 HAZARDS AND HAZARDOUS MATERIALS**

A hazardous material is defined as any substance that may be hazardous to humans, animals, or plants, and may include pesticides, herbicides, toxic metals and chemicals, volatile chemicals, explosives, and even nuclear fuels or low-level radioactive wastes.

To determine the presence of hazardous materials on the site, a Phase I Environmental Site Assessment (ESA) was conducted for the parcels along Foothill Boulevard in December 2004. In addition, a Limited Asbestos Survey was prepared in February 2005 and a Limited Phase 2 ESA was also completed on March 2005. These studies are provided in Appendix C and their findings are presented below.

#### **On-site Hazardous Materials**

The project site is developed with a library, an auto repair shop (Bruce's Automotive) and a former used automobile sales lot (Banner Auto Sales). The site of the auto repair shop was also previously a gas station from as early as 1964 to 1990. Bruce's Automotive has been on the site since 1990.

The repair shop currently uses a variety of hazardous materials for auto repair activities. These include virgin motor oil, 40-gallon and 15-gallon drums of waste oil, used oil filters, used antifreeze, brake fluid, paint containers, used car batteries, engine parts, power steering fluid, grease, brake fluid, diesel fuel conditioner, and new and used tires. The shop also has hydraulic hoists, a clarifier/sump, a waste oil underground storage tank, and abandoned cesspool and septic tank.

In May 1993, four underground storage tanks (USTs) that were previously used by the Arco Pride gas station were removed from the auto repair shop site. The fuel dispenser islands and piping system from the tanks to the dispensers were also removed. However, the removal of the UST's was incorrectly documented, which resulted in the non-closure status of the UST removal by the Los Angeles County Department of Public Works. In addition, a 550-gallon septic tank was also removed from the site in 1993. The septic tank and clarifier were connected to a leach field along the eastern portion of the property. The clarifier is currently dry and has not been used since the early 1990's.

Bruce's Automotive, the auto repair shop, is listed in the California Environmental Protection Agency's Hazardous Waste Information System (HAZNET) for generating hazardous wastes and has been identified on the State Water Resources Control Board's Hazardous Substance Storage Container Database historical listing of underground storage tanks (HIST UST).

Banner Auto Sales formerly occupied the project site starting in 1962, but is currently not in operation. There are aboveground waste oil containers and empty gasoline/acid containers at this former used automobile sales lot, although no staining was observed around the containers.

### **Adjacent Land Uses**

The La Crescenta community has a wide variety of industries and land uses, which generate, use, or handle hazardous materials. Most of these sites are associated with industrial and commercial uses located on scattered sites.

Across Foothill Boulevard and south of the project site, the Crescenta Valley Car Wash and Lube Center, located at 2800 Foothill Boulevard, was identified on the HAZNET database for the generation of waste oil and mixed oil. The San Fernando Valley Area (Glorietta Well Field) is listed in the National Priority List due to contaminated groundwater. This site is located 1/3 mile south of the site. Several other commercial uses on Foothill Boulevard generate hazardous wastes. These include dry cleaners, gas stations, towing company, and auto repair shops.

*(Sources: EPA Envirofacts Database, Phase I ESA, and Site Survey)*

#### **A. Would the project create a significant hazard to the public, or the environment through the routine transport, use, or disposal of hazardous materials?**

**Less than Significant with Mitigation.** The proposed project would involve the demolition of structures built in the early 1960's, and potentially contain building materials that utilized asbestos-containing materials and lead-based paint. The Limited Asbestos Survey of the auto repair shop and car lot office shows that the roof mastic on the roof of the auto repair shop contains asbestos, although the floor tiles and roofing materials did not contain any asbestos. Also, the roof mastic and sheet flooring of the former used automobile sales office contains asbestos, but the roof material, ceiling tile, ceiling panel, vapor barrier paper and light fixture paper tested negative for asbestos. The existing library structure is presumed to contain asbestos materials and lead-based paint. The demolition of these structures may lead to the release of asbestos fibers and the potential for health hazards to the demolition crew, on-site users, and adjacent land uses in the vicinity of the site. This would be considered a significant adverse impact.

The auto repair shop currently utilizes hazardous materials, such as virgin motor oil, 40-gallon and 15-gallon drums of waste oil, used oil filters, used antifreeze, brake fluid, paint containers, used car batteries, engine parts, and new and used tires. With the removal of the auto repair shop, these hazardous materials would have to be removed from the site and disposed properly as part of demolition activities, prior to construction of the project.

The project proposes the construction of a new library building on the site. Construction activities would involve the use of hazardous materials such as oil, gas, and cleaning solvents. These hazardous materials could pose risks to construction workers or lead to soil and groundwater contamination, if not properly stored, used or disposed. Compliance with existing hazardous material regulations would prevent undue hazards and avoid the potential for significant impacts associated with hazardous material use and disposal.

Operation of the library is not expected to involve the use of hazardous materials in quantities that may pose public safety risks. Rather, hazardous materials use would be limited to cleaning solvents, fertilizers and pesticides for routine maintenance. Storage, use, and disposal of these materials would be made in accordance with existing state, federal, and local regulations. No significant adverse impacts associated

with hazardous materials would occur during library operations and activities. Therefore, the proposed project would not create a significant hazard to the public or the environment.

### ***Mitigation***

The implementation of the following mitigation measures would avoid or prevent significant adverse impacts relating to past and existing land uses on the site:

*Mitigation Measure 2: Prior to the demolition of the existing buildings, asbestos-containing materials shall be removed and disposed in accordance with applicable regulations (including South Coast Air Quality Management District (SCAQMD) regulations and Cal-OSHA guidelines) by a state-licensed abatement contractor, with abatement oversight performed by an independent asbestos consultant. All identified lead-based paint shall also be removed and disposed by a licensed contractor, in accordance with existing regulations.*

*Mitigation Measure 3: Prior to demolition activities, all hazardous materials and wastes found on the site, including, but not limited to waste oil containers, antifreeze, and batteries, shall be properly removed and disposed in accordance with federal, state, and local regulations.*

Impacts to human health and hazards would be reduced to less than significant levels after mitigation.

*(Sources: Phase I ESA, Site Survey, and Proposed Site Plan)*

### **B. Would the project create a significant hazard to the public or the environment through reasonable foreseeable upset and accident conditions involving the release of hazardous materials into the environment?**

**Less than Significant Impact with Mitigation.** On-site hazards associated with past and ongoing hazardous materials use may pose a threat to public health and safety to the construction crew and future library users. The southeastern section of the site was formerly used as a gas station and is currently used as an auto repair shop. Historical and current hazardous materials use on the site consists of USTs, a septic tank, fueling stations, motor oil, waste oil, used oil filters, used antifreeze, brake fluid, paint, used car batteries, engine parts, new and used tires, and a clarifier.

While the USTs have been removed, no closure report was found on file with the County Department of Public Works. The findings of the Limited Phase 2 ESA indicate that the concentrations of total petroleum hydrocarbons (TPH), semi-volatile organic compounds (SVOC), polychlorinated biphenyls (PCB), and E. coli in the soil samples were below their laboratory detection limits. Various volatile organic compounds (VOC) were detected, and included acetone, ethylbenzene, xylene, styrene, trimethylbenzene, and naphthalene. Using the Environmental Protection Agency's Preliminary Remediation Goals (PRG) and Maximum Soil Screening Levels (MSSL) as regulatory guidelines for the analysis, the soil samples did not exceed PRGs and MSSLS for these VOCs. Thus, no regulatory actions are needed for the site since no hazardous material concerns were present in the on-site soils.

No soil contamination was detected on the site based on the results of the Limited Phase 2 ESA. However, there are structures and substructures remaining on the site (such as vent lines, refrigerator box, hydraulic hoists, clarifier, cesspools, waste oil tank, and concrete vault) that would need to be removed and/or abandoned according to applicable standards prior to reuse of the site. Removal and confirmation sampling

would ensure that future users of the new library are not exposed to any potential contamination or public health hazard.

## Mitigation

*Mitigation Measure 4: In accordance with the Limited Phase II ESA, the following measures should be completed, prior to construction of the proposed library:*

- ◆ *Complete assessment for the previous removal of the former USTs in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines. This will include preparation of a closure report and submission to the County to obtain closure and clearance.*
- ◆ *Remove vent lines for the former USTs and perform confirmation sampling in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines in order to achieve closure. This will require demolition of the refrigerator box prior to removal of the piping.*
- ◆ *Remove the two hydraulic hoists or lifts with associated piping from the automotive repair facility in conformance with the Los Angeles County Department of Public Works guidelines, including confirmation samples for soils under the hoists.*
- ◆ *Remove the clarifier from the automotive repair facility in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines in order to achieve closure, including confirmation samples for soils under the clarifier.*
- ◆ *Investigate and, if identified, remove the cesspool that was located on the west side of the automotive repair facility. The refrigeration box that is attached to the repair facility will need to be removed prior to any investigation. Assessment and confirmation soil sampling are recommended for removal of the cesspool. This cesspool was used for the disposal of fluid from the repair facility clarifier, prior to the site being connected to sewer. Removal and confirmation sampling should be made in conformance with applicable standards.*
- ◆ *Investigate and, if identified, remove the 550-gallon waste oil UST with associated piping located on the west side of the historic gas station building (current automotive repair facility). Confirmation soil sampling and further investigation may be necessary to assess any possible contamination stemming from its past use. Removal and confirmation sampling should be in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines in order to achieve closure.*
- ◆ *The concrete vault on the historic gas station site (current automotive repair facility) should be investigated further and its current or previous use identified. The vault should be properly removed or abandoned in conformance with applicable standards.*
- ◆ *Remove and/or abandon the cesspool at the former used automobile sales lot. Removal and confirmation sampling should be in conformance with applicable standards.*

Demolition and construction activities at the project site may also pose health hazards to the construction/demolition crew and adjacent land uses. Mitigation has been provided above to address the

potential hazards associated with asbestos, lead-based paint, and hazardous material and wastes currently used and stored at the site. Implementation of these mitigation measures would reduce potential impacts to below a level of significance.

(Sources: Phase I ESA, Limited Phase II ESA, Site Survey, Proposed Site Plan, and Cal-OSHA)

**C. Would the project emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?**

**Less than Significant Impact.** The nearest schools to the project site include the La Crescenta Elementary School, which is located approximately 0.3-mile south of the project site, the Rosemont Middle School, located approximately 0.7 mile northeast of the site, and the Crescenta Valley High School, located approximately 0.3-mile to the southwest. These schools are separated from the project site by roadways and existing residential and commercial developments.

Because the project site is located more than 0.25-mile from the existing schools, students and faculty at the La Crescenta Elementary School, Rosemont Middle School, and Crescenta Valley High School are not expected to be adversely impacted by the project.

However, the proposed *La Crescenta Library* would require the demolition of all existing on-site structures, which contain asbestos and lead-based paint. Compliance with the mitigation measure outlined above would prevent adverse impacts to the demolition crew, on-site users and adjacent land uses. During library operations, hazardous materials would be used, stored and disposed in accordance with existing regulations and would not present hazards to area schools.

(Sources: Glendale Unified School District and Proposed Site Plan)

**D. Would the project be located on a site which is included on a list of hazardous materials sites compiled pursuant to California Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?**

**Less than Significant Impact.** The library and former used automobile sales lot are not listed in government databases, but the auto repair shop and past uses on the auto repair shop site are listed in various databases for USTs and hazardous waste generation.

The proposed project would lead to the discontinuation of auto repair activities at the site. This would eliminate hazardous materials use and hazardous waste generation associated with the auto repair shop. Hazards associated with the former gas station and the auto repair activities would be mitigated by measures outlined above. Thus, no significant hazard to the public or the environment would be created by the proposed library.

(Sources: United States EPA Envirofacts Database, California Government Code, Site Survey)

**E. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?**

**No Impact.** The project site is not located within two miles of a public airport. The site is located approximately 13.2 miles northeast of the Burbank Airport, and approximately 31 miles northeast of the Los Angeles International Airport. The proposed project would not interfere with aircraft operations at any

of these airports. Thus, the proposed development of the *La Crescenta Library* would not create air traffic hazards to people residing or working in the project area.

(Sources: *Los Angeles County General Plan*)

**F. For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?**

**No Impact.** There are no private airstrips located near the site. As previously stated, the site is located approximately 13.2 miles northeast of the Burbank Airport, and approximately 31 miles northeast of the Los Angeles International Airport. The proposed project would not introduce building structures which may create air traffic hazards within the project area. Therefore, no impacts to aircraft operations are expected from the project.

(Sources: *Site Survey and Thomas Guide*)

**G. Would the project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?**

**No Impact.** The project site is not located in or adjacent to an area that is designated as a critical facility or lifeline system. The site is located north of the I-210 Freeway and northwest of the SR-2 Freeway. While the two freeways may be used for evacuation and emergency response, development of the proposed project would not interfere with evacuation routes on the freeways. Additionally, the project would not impact the emergency response capability of Los Angeles County Fire Station No. 63, located west of the site. No impact on emergency response and evacuation is expected with the proposed library.

(Sources: *Los Angeles County General Plan- Safety Element, Proposed Site Plan, and Site Survey*)

**H. Would the project expose people or structures to a significant risk of loss, injury, or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?**

**Less than Significant Impact.** The project site is located in a highly urbanized area and there are no wildlands on or adjacent to the project site. The nearest wildlands are located in the foothills of the San Gabriel Mountains (located approximately 1.8 miles north of the project site) and the Verdugo Mountains (located approximately 1.96 miles southwest of the project site). According to the Los Angeles County General Plan Safety Element, site is not located in an area associated with a high risk of wildland fire.

However, should the project area experience a fire catastrophe, the Los Angeles County Fire Station No. 63 is located approximately 0.45-mile west of the project site, and would be serving the project site in the event of a disaster. Therefore, less than significant risk of loss, injury, or death involving wildland fires is expected with the proposed project.

The proposed project would lead to the removal of existing structures and the construction of a new library that would comply with current Fire Code requirements. Thus, fire hazards associated with the older structures on the site would be eliminated with the proposed project.

(Sources: *Site Survey, Los Angeles General Plan Safety Element, and Proposed Site Plan*)

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### 3.8 HYDROLOGY AND WATER QUALITY

#### Hydrology

The project site for the proposed *La Crescenta Library* is located within an area that generally drains southwest into the Verdugo Wash. The Verdugo Wash runs parallel to the Verdugo Mountains in a northwest to southeast direction and is located approximately 0.78-mile southwest of the site. Water in the Verdugo Wash flows into the Los Angeles River (approximately 6.0 miles south of the project site), and ultimately drains into the Pacific Ocean at Long Beach.

#### Groundwater

The project site is underlain by the Verdugo groundwater basin, which provides water resources to the Crescenta Valley Water District through several area wells. Groundwater was not encountered during soil borings at the site to a depth of 40 feet. Well data at the nearest groundwater well (1,680 feet northeast of the site) shows groundwater levels at 170.3 feet below the surface in May 2004. Groundwater flow is inferred to be southwesterly, based on surface topography.

#### Storm Drainage/Flooding

The project site is located on a hillside area and is outside the boundaries of the 100-year and 500-year floodplains. Runoff from the project site is captured by storm drain inlets along Foothill Boulevard and La Crescenta Avenue and the storm drain line in La Crescenta Avenue that flows south toward Verdugo Wash.

*(Sources: Los Angeles County Drains and Facilities, Los Angeles County General Plan, FEMA Flood Insurance Rate Map, Phase I ESA, Limited Phase II ESA, and Site Survey)*

#### A. Would the project violate any water quality standards or waste discharge requirements?

**Less than Significant Impact.** The proposed project involves construction of a larger library on the site and the removal of the former used automobile sales lot and auto repair shop. Library operations and activities are not anticipated to generate wastewater that would violate any water quality standards. Wastewater from restrooms at the library would be discharged into the sewer system and would not require treatment beyond what is provided by the Los Angeles-Glendale Water Reclamation Plant, which serves the site. Stormwater from the site during construction and operation of the library may contain pollutants that may enter the storm drainage system. However, the limited size of the site would lead to minor amounts of runoff pollutants that would not be large enough to violate water quality standards. The project would comply with the National Pollutant Discharge Elimination System (NPDES) requirements, as implemented by the County and its Stormwater Management Program. Impacts are expected to be less than significant.

*(Sources: Site Survey, NPDES, and Proposed Site Plan)*

#### B. Would the project substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?

**Less than Significant Impact.** The project site is currently developed with a smaller library facility, an auto repair shop, and a former used automobile sales lot. On-site uses generate an existing demand for

water. The proposed project would provide a larger library at the site, and the increase in building floor area would translate to a greater demand for water.

No water wells are proposed as part of the project. The net increase in water demand that would be created by the increase in building floor area would not represent a significant amount of water from the Crescenta Valley Water District, which serves approximately 32,000 residents in the project area. The project would not adversely impact existing groundwater supplies.

The construction of the proposed library facility would not interfere with groundwater recharge, since the site does not serve as a recharge basin and construction activities are not expected to involve excavation activities beyond 50 feet of the ground surface. Groundwater levels are estimated at 170 feet below the surface and would not be affected. Thus, impacts on groundwater recharge would be less than significant.

*(Sources: Proposed Site Plan, Los Angeles County General Plan, and Crescenta Valley Water District)*

**C. Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?**

**Less than Significant Impact.** The project site is largely paved and runoff from the site of the existing library flows east toward La Crescenta Avenue, while runoff from the auto repair shop and former used automobile sales lot flows south toward Foothill Boulevard and then easterly toward La Crescenta Avenue.

The proposed project would lead to the demolition of existing structures and construction of a larger library facility. Due to the small size of the project site, the project is not expected to significantly alter the existing drainage patterns and/or increase surface runoff that may result in substantial erosion, siltation, or flooding on or off the site. The project would include on-site drainage improvements to collect and transfer stormwater runoff from the project site to the existing storm drain system serving the area. Runoff from the project site will continue to be conveyed south toward Foothill Boulevard and then east toward the existing storm drain line on La Crescenta Avenue. Thus, changes to the existing drainage patterns within the site and in the project area would not be significant.

*(Sources: Site Survey, Los Angeles County Drains and Facilities, and Proposed Site Plan)*

**D. Would the project substantially alter the existing drainage pattern of the site, or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?**

**No Impact.** The project site is not located within a 100-year or 500-year floodplain. Off-site catch basins and storm drain lines that currently serve the project site would not be altered by the proposed project. An increase in building floor area would occur as a result of the proposed project, but the paved areas on the site would decrease with the provision of landscaped areas with the proposed library. Thus, runoff volumes would slightly decrease and no impact associated with on- or off-site flooding would occur with the proposed project.

*(Sources: Site Survey and Proposed Site Plan)*

**E. Would the project create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?**

**Less than Significant Impact.** The project would involve the demolition of the existing library facility, and removal of the auto repair shop and former used automobile sales lot and construction of a larger library facility. The proposed project would reduce the amount of paved areas on the site and would not increase stormwater runoff volume. The project would include on-site drainage improvements to collect and transfer stormwater runoff from the project site to the existing storm drain system serving the area. Runoff from the project site will continue to be conveyed south toward Foothill Boulevard and then east toward the existing storm drain line on La Crescenta Avenue. Due to the small size of the project site, the project is not expected to contribute runoff that would exceed the capacity of the area storm drain system or Verdugo Wash.

The proposed library would not create new sources of polluted runoff. In addition, removal of the auto repair shop would result in fewer sources of pollutants and potential hazardous materials that may enter the stormwater. Demolition of the existing structures and removal of hazardous materials and wastes in accordance with applicable regulations would also reduce pollutants that may enter the storm drain system.

During demolition and construction activities, loose soils, sediments, trash, debris, oil and grease and other pollutants may enter stormwater runoff and may impact drainage channels and downstream facilities. The project would be required to implement best management practices for stormwater pollution control, in accordance with the NPDES and as implemented by the County and its Stormwater Management Program. Impacts are expected to be less than significant.

*(Sources: Site Survey, NPDES, and Proposed Site Plan)*

**F. Would the project otherwise substantially degrade water quality?**

**No Impact.** The proposed project is not expected to adversely change the existing hydrology of the site or lead to significant adverse impacts on groundwater or surface water resources. Also, the proposed library would result in the removal of auto repair activities and a decrease in runoff volumes, resulting in a decrease in the potential for stormwater pollution. The project is not expected to substantially degrade water quality.

*(Sources: Site Survey and Proposed Site Plan)*

**G. Would the project place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary of Flood Insurance Rate Map or other flood hazard delineation map?**

**No Impact.** No housing units are proposed as part of the project. According to the Los Angeles County General Plan Safety Element Flood and Inundation Hazards Map and FEAM Flood Insurance Rate Maps, the project site is not located within a flood hazard area. The proposed library project would not place housing within a 100-year or 500-year floodplain. Consequently, no flood hazards associated with the proposed project are anticipated.

*(Sources: Site Survey, Los Angeles County General Plan Safety Element, FEMA Flood Insurance Rate Map and Proposed Site Plan)*

**H. Would the project place within a 100-year flood hazard area structures, which would impede or redirect flood flows?**

**No Impact.** The site for the proposed *La Crescenta Library* is not located within a flood hazard area. The project would not place structures within a 100-year or 500-year floodplain as mapped by FEMA. The proposed project would involve the construction of a larger library at the site. Runoff from the site would continue to be discharged into the storm drain line on La Crescenta Avenue. Thus, no change runoff flows are anticipated with the project. No impact is expected.

*(Sources: Site Survey, Los Angeles County General Plan Safety Element, FEMA Flood Insurance Rate Map and Proposed Site Plan)*

**I. Would the project expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?**

**No Impact.** The project area is situated in the urbanized area and the nearest major water body is the Verdugo Wash. This wash is located approximately 0.78-mile southwest of the site. The site is located upstream of Verdugo Wash and the inundation areas of the wash do not come near the site. There are no upstream dams or levees that create inundation hazards on the site. Thus, the proposed project would not create hazards associated with inundation.

*(Sources: Site Survey, Los Angeles County General Plan Safety Element, and Proposed Site Plan)*

**J. Would the project expose people or structures to a significant risk of loss, injury or death involving inundation by seiche, tsunami, or mudflow?**

**Less than Significant Impact.** The project site is located approximately 18 miles inland in the unincorporated community of La Crescenta, and is not subject to tsunami hazards. No dams or water bodies are located near the site that would pose inundation or seiche hazards to the site or the proposed project. There are hillside areas north of the site, which may be subject to mudflow hazards. However, the hillside areas are separated from the site by several blocks of residential structures, within an approximately 1.5-mile length. Thus, mudflows from these hillsides are not expected to reach the site or create significant adverse impacts to the proposed library. The proposed project would not create hazards associated with inundation by seiche, tsunami or mudflow.

*(Sources: Site Survey, Los Angeles County General Plan Safety Element, and Proposed Site Plan)*

### **3.9 LAND USE AND PLANNING**

#### **Existing Land Uses**

The project site is developed with a library, auto repair shop and former used automobile sales lot. Adjacent land uses to the north are single-family residential uses, except for an office building immediately northwest of the site. Adjacent land uses along Foothill Boulevard include a variety of commercial land uses, from retail shops, clinics and a car wash.

#### **Land Use Designations**

The project site is located in the southern central portion of La Crescenta in the County of Los Angeles. The Los Angeles County General Plan Land Use Map designates the parcels fronting along Foothill Boulevard

as Major Commercial. The existing library parcel is designated as Low-Density Residential. Adjacent land uses are also designated as Major Commercial along the Foothill Boulevard corridor, and Low Density Residential to the north, northeast, and northwest of the project site.

## **Zoning**

The commercial parcels along Foothill Boulevard adjacent to the existing library parcel are zoned C-3 (Unlimited Commercial) with a Billboard Exempt overlay. The C-3 zone allows for development of commercial establishments (e.g. art galleries, clothing stores, drug stores, grocery stores, etc.), as well as services (e.g. automotive repair, libraries, photography studios, etc.). The existing billboard located between the auto repair shop and former used automobile sales lot is allowed under the Billboard Exempt overlay on the site, although no additional billboards are permitted.

The library parcel is zoned R-1 (Single-Family Residential), which allows for the development of single-family residences, family childcare homes, and other uses, including libraries.

*(Sources: Los Angeles County General Plan, Los Angeles County Zoning Code, and Site Survey)*

### **A. Would the project physically divide an established community?**

**No Impact.** The proposed project involves demolition of the existing library, auto repair shop, and former used automobile sales lot, and the subsequent construction of a larger library facility. The project site is at the southern edge of the residential community to the north and the project would not divide this established community. Rather, the project would better serve the residents of the adjacent communities. No impact is expected.

*(Sources: Los Angeles County General Plan, Proposed Site Plan, and Site Survey)*

### **B. Would the project conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?**

**No Impact.** The project site is designated as Major Commercial and Low Density Residential in the Los Angeles County General Plan. Libraries are allowed under these designations. Similarly, the site is zoned C-3 and R-1, which also allows for the development of libraries. Thus, the proposed *La Crescenta Library* would be consistent with the existing land use designation and zoning. No conflict with applicable land use plans, policies, or regulations would occur as a result of the proposed project.

No environmental plans or policies of state or regional agencies are directly applicable nor would be affected by the proposed project.

*(Sources: Los Angeles County General Plan and Los Angeles County Zoning Code)*

### **C. Would the project conflict with any applicable habitat conservation plan or natural community conservation plan?**

**No Impact.** The project site is located in an urbanized area and is surrounded by existing residential and commercial land uses. There are no natural or native habitats on-site or in the adjacent areas. The County of Los Angeles has not adopted a comprehensive habitat conservation plan or natural community conservation

plan for the project area. There are no habitat conservation plans currently under preparation that are applicable to the site or the surrounding area. The County of Los Angeles has designated areas with significant habitats that are important for preservation and maintenance of biodiversity as Special Management Areas. The project site is not located within a designated Significant Ecological Area (SEA) or buffer or a Hillside Management Area, as provided in the County General Plan as Special Management Areas. Consequently, the proposed project would not conflict with any conservation plan and no impact would occur.

*(Sources: Site Survey and Los Angeles County General Plan)*

### **3.10 MINERAL RESOURCES**

Mineral resources include non-renewable deposits of ore, stone, and earth materials. Gold, copper, lead, silver, zinc, and manganese deposits are scattered throughout the San Gabriel Mountains. However, no mineral extraction operations are present in the project area at this time. There are no active mineral extraction operations on or near the project site.

No oil fields are present under or near the site and no oil or gas wells are located on or near the site. The site is not subject to oil, gas or mining operations.

The primary mineral resources in the Los Angeles area include aggregate resources, including rock, gravel, and sand deposits. Significant sand and gravel deposits are located within the Los Angeles River floodplain, although many of these areas are inaccessible for mining because they are channelized. Areas along the washes from the San Gabriel Mountains to the San Gabriel Valley also contain significant aggregate resources. There are no regionally significant aggregate resources in the La Crescenta community or the project area. In addition, there are no mineral extraction activities located near the site.

*(Sources: Los Angeles County General Plan, Mineral Land Classification of the Greater Los Angeles Area, Phase 1 ESA, and Site Survey)*

#### **A. Would the project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?**

**No Impact.** The project site is not located in an area designated to have sand and gravel resources, as defined by the California Department of Conservation under the Surface Mining and Reclamation Act. Oil and gas fields or coal mines are not found in the area, and there are no oil wells on the site. The 0.87-acre project site is currently developed and the proposed project would replace existing land uses with a new library. Thus, no change to the availability or access to mineral resources that may be present on-site would occur. No impact is expected from the proposed library.

*(Sources: Mineral Land Classification of the Greater Los Angeles Area, Phase 1 ESA, Proposed Site Plan, and Site Survey)*

#### **B. Would the project result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?**

**Less than Significant Impact.** There are no known mineral resources on the project site and the surrounding area. The site is not subject to mineral resource recovery operations.

The proposed project would require aggregate resources for construction of the proposed library structure and parking areas. Sand, gravel, and other construction materials that would be needed for the proposed project are

not expected to represent a significant amount of mineral resources in the region. This demand would be minor when compared to resources in the region and State, due to the size of the development (approximately 14,000 square feet), when compared to available resources in the region and the cumulative demand for these resources by ongoing construction activities. Thus, the demand for sand and gravel resources, as needed for construction, would be considered less than significant.

*(Sources: Mineral Land Classification of the Greater Los Angeles Area, Proposed Site Plan, and Site Survey)*

### **3.11 NOISE**

#### **Noise Environment**

The project site is located approximately 0.3-mile north of the I-210 Freeway and 1.8 miles northwest of the SR-2 Freeway. The site is surrounded by various residential, commercial, educational, and institutional land uses including The Marketplace commercial center, the commercial corridor along Foothill Boulevard, La Crescenta Elementary School, Rosemont Middle School, and Crescenta Valley High School, and Los Angeles County Fire Station No. 63. Noise sources in the area consist of vehicular traffic noise along major roadways including Foothill Boulevard and La Crescenta Avenue, including fire truck sirens coming from Fire Station No. 63. Stationary noise sources at the site and in the surrounding areas are associated with the commercial businesses and other outdoor activities.

#### **Noise Regulations**

The County of Los Angeles' Noise Ordinance prohibits the operation of any tools or equipment used in construction, drilling, repair, alteration or demolition work between the hours of 7:00 PM and 7:00 AM from Monday to Saturday, or at any time on Sundays or holidays. The ordinance also prohibits noise disturbance beyond a residential or commercial property line, except for emergency work of public service utilities or by variance issued by the health officer. Maximum noise levels for non-scheduled, intermittent, short-term operation of mobile equipment is set at 85dBA. All mobile or stationary internal-combustion-engine powered equipment or machinery are required to be equipped with suitable exhaust and air-intake silencers in proper working order.

*(Sources: Site Survey and County of Los Angeles Municipal Code)*

- A. Would the project result in exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?**

**Less than Significant Impact.** Noise impacts from the proposed project would include temporary noise impacts during demolition and construction activities at the site, and vehicle noise impacts due to the increase in the number of vehicles coming to and from the site. Stationary noise sources would also be introduced by the project.

#### **Construction Noise**

Construction noise varies accordingly to the noise strength of construction equipment and ranges widely as a function of the equipment used and short-term variations are strongly influenced by topographical factors that change during the course of construction. Construction noise tends to occur in discrete phases dominated initially by earth-moving sources and later for finish construction. The heavy equipment noise early during construction typically ranges up to about 90 dBA at 50 feet from the source for short intervals. Hourly average

noise levels may be as high as 85 dB near such equipment. Demolition, earth-moving activities, and construction activities are expected to generating noise at higher levels.

Point sources of noise emissions are atmospherically attenuated by a factor of 6.0 dB per doubling of distance. The loudest construction will require around 500 feet of distance between the source and a nearby receiver to reduce the 85 dBA average source strength to the 65 dB noise background level. During the interior construction improvements and later phases of finish construction, construction equipment such as generators, compressors, and saws are somewhat less noisy and the physical barrier created by the constructed walls and structures would breaks up line-of-sight propagation. Thus, the latter part of construction would generate less noise.

Construction noise sources are generally intermittent and do not occur all day because construction occurs only during selected times and the source strength of construction equipment varies sharply with time. Construction activities are also treated separately in various community noise ordinances because they do not represent a chronic, permanent noise source. To abate the potential nuisance from construction noise, especially in very close proximity to any adjacent noise-sensitive development, the County of Los Angeles places limits on the hours of allowable construction activities and prohibits loud, unnecessary and unusual construction noise within a reasonable distance of any residential or other noise-sensitive zone. The time period from 7:00 AM to 7:00 PM from Monday to Saturday is the allowable "window" in which construction noise is considered an allowable intrusion. The County also requires compliance with noise performance standards for loud construction activities and requires the use of suitable exhaust and air-intake silencers. Compliance with County noise regulations would prevent adverse impacts during the construction phase.

### ***Traffic Noise***

The proposed project would lead to an increase in the number of employees and visitors to the project site, as compared with the employee and users of the existing library and auto repair shop (with the former used automobile sales lot not in use). The project would also add new vehicle traffic noise sources on surrounding streets. The increase in vehicles to and from the site is not expected to lead to a significant increase in the noise levels in the project area.

Most people cannot distinguish a change in the noise environment that differs by less than approximately 3.0 dB between the existing and post-project exposure. Exceeding a 3.0-dB threshold from automobile traffic typically requires a doubling of traffic volumes on any individual roadway link. Few projects in already developed areas can cause, by themselves, existing traffic volumes to double. The proposed *La Crescenta Library* would generate approximately 756 daily vehicle trips, with a net increase of 481 daily vehicle trips, due to land uses that would be removed from the site. A net increase of 481 daily trips would not lead to a doubling of existing traffic volumes on Foothill Boulevard, which is estimated to carry approximately 28,000 vehicles per day. Thus, the increase in noise levels along Foothill Boulevard would be less than 3.0 dB and would not be discernible.

In addition, vehicle trips that currently travel north on La Crescenta Avenue to reach the existing library would no longer occur, since access to the proposed library would be provided on Foothill Boulevard. Thus, a decrease in traffic volumes and associated noise levels on La Crescenta Avenue, north of Foothill Boulevard, would occur with the project.

Vehicle noise impacts would not be discernible by residents and land uses along Foothill Boulevard due to the existing ambient noise levels in the area and the project's minor contribution to existing traffic volumes. The project's traffic noise impacts are considered less than significant.

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### *Stationary Noise*

The proposed *La Crescenta Library* would lead to the use of the library facilities by employees, visitors, parents, children, students, and the general public for various administrative, recreational, educational and public uses. While more users would be at the larger library facility, the on-site activities would primarily occur indoors and are not expected to generate noise levels that would exceed 70 dBA CNEL. With the exception of the deck located along the southern portion of the site adjacent to Foothill Boulevard, no outdoor activity areas are specifically proposed as part of the project. This deck is not expected to be used by large crowds or for loud activities. Rather, it is proposed as a viewing deck for use by library patrons and employees. Thus, stationary noise on the site would not exceed noise levels typically experienced at commercial and residential areas. No significant adverse noise impacts would occur with the project.

*(Sources: County of Los Angeles Municipal Code, Site Survey, Noise from Construction Equipment and Operations, and Proposed Site Plan)*

#### **B. Would the project result in the exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?**

**Less than Significant Impact with Mitigation.** Demolition and construction activities associated with the development of the proposed library would expose adjacent land uses to potential groundborne vibration and noise from the site. This noise source would occur during the 18-month construction period and would vary depending on the intensity of activity, the type of equipment in use and the number of equipment and construction employees at the site. Demolition activities would likely generate noise and vibration impacts to adjacent residential land uses.

#### **Mitigation**

*Mitigation Measure 5: Construction and demolition activities at the site shall comply with the County ordinance regarding construction noise and limit demolition and construction activities to the time period from 7:00 AM to 7:00 PM from Monday to Saturday, with no construction on Sundays or holidays. Also, all mobile or stationary internal-combustion-engine powered equipment or machinery shall be equipped with suitable exhaust and air-intake silencers in proper working order.*

Compliance with this mitigation measure would minimize construction noise impacts on nearby residences, since construction would be confined to the times when most residents are away or engaged in activities that are not sensitive to noise. Impacts are expected to be insignificant after mitigation.

*(Sources: Site Survey, Los Angeles County Municipal Code, and Proposed Site Plan)*

#### **C. Would the project result in a substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?**

**Less than Significant Impact.** The proposed project would result in an increase in the number of vehicles coming to and from the site, resulting in an increase in sources for traffic noise. However, the estimated net increase of 481 vehicle trips to and from the proposed *La Crescenta Library* would not lead to any discernible increase in noise levels at the project site or the surrounding area, as discussed above. Similarly, stationary noise sources on the site are expected to be reduced as a result of replacing the existing auto repair shop and former used automobile sales lot with a library structure, where activities would be

primarily conducted indoors. Thus, the permanent increase in noise levels on Foothill Boulevard, as associated with the proposed project, would be less than significant.

(Sources: Site Survey and Proposed Site Plan)

**D. Would the project result in a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?**

**Less than Significant Impact.** Construction and demolition activities associated with the proposed *La Crescenta Library* would result in temporary increases in the ambient noise levels in the project vicinity. However, construction and demolition activities would be limited to an 18-month time period. Demolition and construction activities would also be confined to the daytime hours (7:00 AM to 7:00 PM) from Monday to Saturday (except Sundays and holidays), in compliance with the County construction noise regulations. The use of mufflers on construction equipment would also reduce construction noise levels at the site and surrounding area. The temporary increase in ambient noise levels in the project vicinity would not create significant adverse impacts.

(Sources: Site Survey and Proposed Site Plan)

**E. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?**

**No Impact.** The proposed *La Crescenta Library* is not located within two miles of a public airport or public use airport. The site is located approximately 13.2 miles northeast of the Burbank Airport, and approximately 31 miles northeast of the Los Angeles International Airport. The noise contours of these airports do not extend into the project site. Therefore, the proposed project would not expose people residing or working in the project area to excessive airport-related noise.

(Sources: Site Survey and Los Angeles County General Plan)

**F. For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?**

**No Impact.** There are no private airstrips located near the site. As previously stated, the site is located approximately 13.2 miles northeast of the Burbank Airport, and approximately 31 miles northeast of the Los Angeles International Airport. The proposed project would not be exposed to noise from aircraft operations. Therefore, no impacts are expected from the project.

(Sources: Site Survey and Los Angeles County General Plan)

### **3.12 POPULATION AND HOUSING**

#### **Los Angeles County**

Los Angeles County covers approximately 4,083 square miles, and is home to approximately 29 percent of California's residents. The 2000 Census reported that Los Angeles County had a population of 9,519,338 residents, which is an increase of 10.7 percent from the 1990 Census reported population of 8,863,052 residents. According to the United States Department of Finance, Los Angeles County's 2004 population is

estimated at 10,102,961 persons. As of 2004, the unincorporated areas of the County had 1,064,689 residents (or approximately 10 percent of the County's total population) and 303,437 dwelling units.

### **La Crescenta**

The unincorporated community of La Crescenta covers an approximately 3.4 square-mile area at the northern edge of the urbanized area of the County. The United States Census Bureau estimates La Crescenta's 2000 population at 18,532 residents, which is an increase of 8.4 percent from the 1990 Census reported population of 16,968 persons. La Crescenta's housing stock grew by 7.8 percent, from 6,551 units in 1990 to 7,108 units by 2000. The County of Los Angeles estimated La Crescenta's 2004 population at approximately 19,300 residents.

### **Project Site**

There are no housing units or residents at the site. The existing La Crescenta Library has a staff of approximately 14 persons. The auto repair shop has a one-person staff and the former used automobile sales lot is currently not in use.

*(Sources: California Department of Finance Population and Housing Estimates, U.S. Census Bureau, American Fact Finder, and Site Survey)*

- A. Would the project induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?**

**Less Than Significant Impact.** The proposed project would not include the construction of new homes or businesses and would not involve the construction of new roads. As indicated, the project would replace existing commercial and library uses with a larger library. Thus, the proposed project is not anticipated to directly or indirectly cause population growth in the area.

The proposed *La Crescenta Library* is not expected to increase the area's population because no residential units are proposed as part of the project. Once open, the larger library is estimated to include a staff of approximately 49 persons. The project would increase the number of employees on-site from approximately 15 employees (14 employees at existing library and 1 employee at auto repair shop) to a total of approximately 49 employees. These employees are expected to come from the labor force in the community and surrounding areas and would help reduce the unemployment rate in the County. The proposed project or its increase in the number of employees and the number of library users is not expected to result in or induce population growth in the area.

The presence of construction workers at the site would be temporary and short-term and would not lead to a demand for permanent housing, goods, or services in the area. The new library would serve area residents and is not expected to induce new demand for public services nor lead to development of adjacent sites. Therefore, the proposed project is not expected to lead to significant or adverse population growth in the area.

*(Sources: Proposed Site Plan and Site Survey)*

- B. Would the project displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?**

**No Impact.** The *La Crescenta Library* would replace an existing library, auto repair shop and former used automobile sales lot. No residential uses are present on the project site, which may be displaced as part of the project. The project would not include demolition or acquisition of homes in the area. Thus, the project would not result in displacement or the need to construct replacement housing.

(Sources: *Proposed Site Plan and Site Survey*)

**C. Would the project displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?**

**Less than Significant Impact.** The proposed project would lead to the removal of existing commercial land uses and the displacement of the employee-owner at the auto repair shop. The former used automobile sales lot is not in use and no employees or business would be displaced. As part of the land acquisition process, the property owner would be provided with fair compensation for the commercial parcels. Thus, removal of these commercial uses would not create significant adverse displacement impacts.

The library parcel is currently owned by the County and demolition of the existing library would result in the displacement of existing library employees. However, these employees are expected to be relocated to another library, while the project is under construction. Once completed, the library employees would be brought back to the larger facility. Thus, library displacement impacts would be temporary and less than significant.

(Sources: *Los Angeles County General Plan, Proposed Site Plan and Site Survey*)

### **3.13 PUBLIC SERVICES**

#### **Law Enforcement Services**

Law enforcement services at the project site are provided by the County of Los Angeles Sheriff's Department, with a station located east of the project site at 4554 North Briggs Avenue.

#### **Fire Protection Services**

Fire protection services for the site are provided by the Los Angeles County Fire Department. The nearest fire station to the project site is Station No 63, which is located at 4526 North Ramsdell Avenue, just west of the project site.

#### **School Services**

The project site is located within the service boundaries of the Glendale Unified School District. The nearest schools to the project site include La Crescenta Elementary School, located approximately 0.3-mile south of the project site; Rosemont Middle School, located approximately 0.7-mile northeast of the site, and Crescenta Valley High School approximately 0.3-mile southwest.

#### **Library Services**

At present time, library services are available at the La Crescenta Library, located on-site at 4521 La Crescenta Avenue, and the La Canada Flintridge Branch Library, located approximately 3.7 miles southeast of the project site at 4545 North Oakwood Avenue in the City of La Canada Flintridge.

## Other Public Services

Los Angeles County owns and operates seven regional parks and many public parks throughout the County. Recreational services in the project area are provided by various parks and recreational facilities owned and maintained by the County of Los Angeles. The public park located nearest to the project site is the Two Strike County Park, located 0.82 mile north of the project site along Rosemont Avenue.

Health care services in the project area are provided by hospitals, with the nearest hospital to the project site, Verdugo Hills Hospital, located at 1812 Verdugo Boulevard in Glendale and approximately 2.6 miles southeast of the project site.

(Sources: Site Survey, Los Angeles County Parks and Recreation Department, and Los Angeles County General Plan).

- A. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives in terms of fire protection?**

**Less than Significant Impact.** The project site currently receives fire protection services from the Los Angeles County Fire Department. The proposed *La Crescenta Library* would increase the current demand for fire protection services on-site, due to the increase in building floor area that would be constructed on-site. The project proposes the demolition of an existing library facility, auto repair shop, and former used automobile sales lot, with structures built in the early 1960's. Thus, while the project would provide a larger structure on the site, it would remove fire hazards associated with the existing older buildings. Compliance with the current requirements of the California Building Code and the Uniform Fire Code for building construction, fire safety, and emergency response would avoid the creation of fire hazards and the creation of a major increase in demand for fire protection services. Impacts on fire protection services are expected to be less than significant.

(Sources: Proposed Site Plan and Site Survey)

- B. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives in terms of police protection?**

**Less than Significant Impact.** The proposed project involves development of a larger library to replace the existing library, auto repair shop, and former used automobile sales lot. The increase in the number of persons at the site and in the number of vehicles coming to and from the site would result in a potential for an increase in property crimes (vandalism and theft) and personal crimes, as well as traffic accidents requiring a demand for police protection services.

The new library is not expected to be create a major demand for police services, when compared to the total demand in the La Crescenta community. The proposed library would have security features such as security gates and locked doors to prevent and reduce the incidence of property crimes at the site. Similarly, the driveways on the site have been designed to minimize the potential for traffic accidents and pedestrian hazards. Thus, the proposed project is not expected to create a major demand for police

protection or law enforcement service on the site. Impacts on police protection services would be less than significant.

*(Sources: Proposed Site Plan and Site Survey)*

**C. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives in terms of school services?**

**No Impact.** The proposed project would replace the existing library, auto repair shop, and former used automobile sales lot with a larger library structure. No residential uses, which may generate students, are proposed. The larger library would not create a demand for school services, but would support the educational needs of students and the community. Thus, no direct student generation or demand for school services would occur with the project.

*(Sources: Glendale Unified School District and Proposed Site Plan)*

**D. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives in terms of parks?**

**No Impact.** The project site is currently developed with a library, an auto repair shop, and a former used automobile sales lot. These uses do not generate a direct demand for parks. The proposed project would construct a larger library on-site. No direct demand for parks and recreational services is expected from library users. No residential land uses are proposed, which may generate a demand for parks and recreational services.

There are no parks or recreational facilities adjacent to the project site, which may be impacted by the proposed project. The nearest park to the project site is Two Strike County Park, which is located 0.82 mile north of the project site. The proposed project would not impact this park. Therefore, no impacts to parks are anticipated.

*(Sources: County of Los Angeles Park Recreation and Parks Department and Site Survey)*

**E. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives in terms of other public facilities?**

**Less than Significant Impact.** Once completed, the new library would meet the current and future demand for library services in the project area. During construction, the existing library would be displaced and library users would be directed to the nearest County Library, the La Canada Flintridge Library, located 3.7 miles away. This would occur during the demolition and construction phases of the project. This impact would be temporary and would be offset by the provision of a larger library to better meet the demands of the community.

The project would not directly generate a demand for medical services and facilities, or other public services. Community services in the project area would not be affected by the project. Thus, no impact upon other public facilities would occur from implementation of the proposed project.

(Sources: County of Los Angeles General Plan and Proposed Site Plan)

### 3.14 RECREATION

Recreational resources in the project area are provided by the County of Los Angeles Department of Recreation and Parks. The County of Los Angeles provides recreational services through local and regional parks, golf courses, natural areas, botanical gardens, recreational programs, and organized activities. The nearest local park to the project area is the Two Strike County Park, which is approximately 6.4 acres in size and is located approximately 0.82-mile north of the project site. The park is owned and operated by the County of Los Angeles. There are no parks or recreational areas adjacent to the project site.

(Sources: Los Angeles County General Plan, Thomas Brothers Map 2004, and Site Survey)

**A. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?**

**No Impact.** The proposed *La Crescenta Library* is not expected to lead to or encourage on-site employees or visitors to use nearby recreational facilities due to their employment or use of the proposed library. Employees and visitors of the *La Crescenta Library* are not expected to use the Two Strike County Park before and after visiting the library. No increase in the use of nearby recreational facilities would occur as a result of the proposed project. Also, there are no parks or recreational facilities located adjacent to the project site, which may be used by on-site users or that may be impacted by the proposed project. Thus, no impact on neighborhood or regional parks is expected with the project.

(Sources: Site Survey and Proposed Site Plan)

**B. Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?**

**No Impact.** The proposed project would not provide on-site recreational facilities. No park facilities are located adjacent to the project site. Therefore, the project would not affect recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment.

(Sources: Site Survey and Proposed Site Plan)

### 3.15 TRANSPORTATION/TRAFFIC

A traffic impact analysis has been prepared for the project to analyze the impacts of the proposed project on traffic, circulation, and transportation. This study is provided in Appendix D and its findings are summarized below.

## **Roadway Network**

The project site is located at the northwestern corner of La Crescenta Avenue and Foothill Boulevard. Foothill Boulevard is a four-lane arterial roadway with a two-way left turn in the center of the roadway at its signalized intersection with La Crescenta Avenue. This roadway carries approximately 28,000 vehicles per day along the project site. La Crescenta Avenue is a collector roadway, with access to the westbound and eastbound lanes of the I-210 Freeway. South of Foothill Boulevard, La Crescenta Avenue is a four-lane roadway. North of Foothill Boulevard, La Crescenta Avenue narrows to a two-lane collector street going through residential areas. This roadway carries approximately 7,800 vehicles per day along the project site. Dyer Street, Sanborn Avenue and Mary Street are local roadways within two lanes.

Access to the southern portion of the project site is currently available through two driveways on Foothill Boulevard, serving the auto repair shop and former used automobile sales lot. Access to the existing library is provided by a driveway on La Crescenta Avenue, leading to the parking lot of the library, with a secondary exit-only driveway to the north side off Sanborn Avenue.

## **Area Intersections**

In accordance with the Los Angeles County's Traffic Impact Analysis guidelines and Los Angeles Metropolitan Transportation Authority's (LAMTA) Congestion Management Program (CMP), an intersection analysis was performed for local intersections to determine traffic impacts from the proposed library. The intersections analyzed in the traffic study include:

1. Foothill Boulevard and Dyer Street
2. Foothill Boulevard and La Crescenta Avenue
3. Foothill Entrance Driveway of Future Library
4. La Crescenta Avenue and Sanborn Avenue
5. La Crescenta Avenue and Mary Street
6. Sanborn Avenue and Dyer Street

Most of these intersections are currently unsignalized, except for the intersection Foothill Boulevard and La Crescenta Avenue. Figure 3-1, *Existing Traffic Volumes (AM Peak Hour)*, shows existing AM peak hour turning movements on the study intersections, while Figure 3-2, *Existing Traffic Volumes (PM Peak Hour)*, shows existing PM peak hour turning movements.

A roadway's Level of Service (LOS) is a letter designation from A to F, with A representing the best conditions of free flowing traffic, and F defined by severe congestion. As shown by Table 3-5, *Existing Peak Hour Intersection Performance*, existing area intersections operate at LOS A, represent free flow with most vehicles not stopping, except for the Foothill Boulevard and La Crescenta Avenue intersection. This intersection currently operates at LOS D, defined by long traffic delays. Generally, LOS E is considered acceptable in urbanized areas. Thus, all intersections are operating at acceptable levels of service and are operating slightly better during the morning peak hour than during the afternoon peak hour.

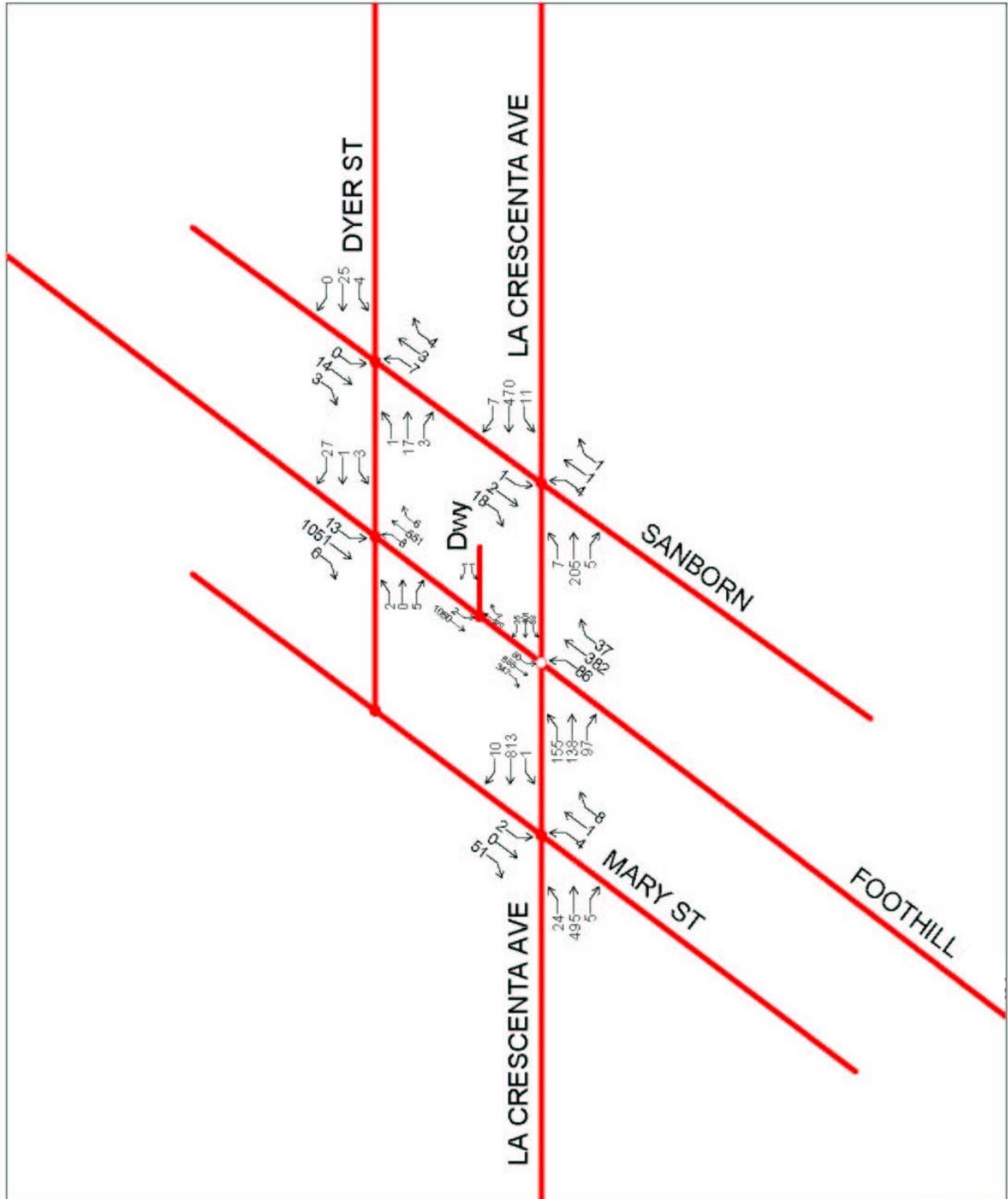


FIGURE 3-1, EXISTING TRAFFIC VOLUMES (AM PEAK HOUR)

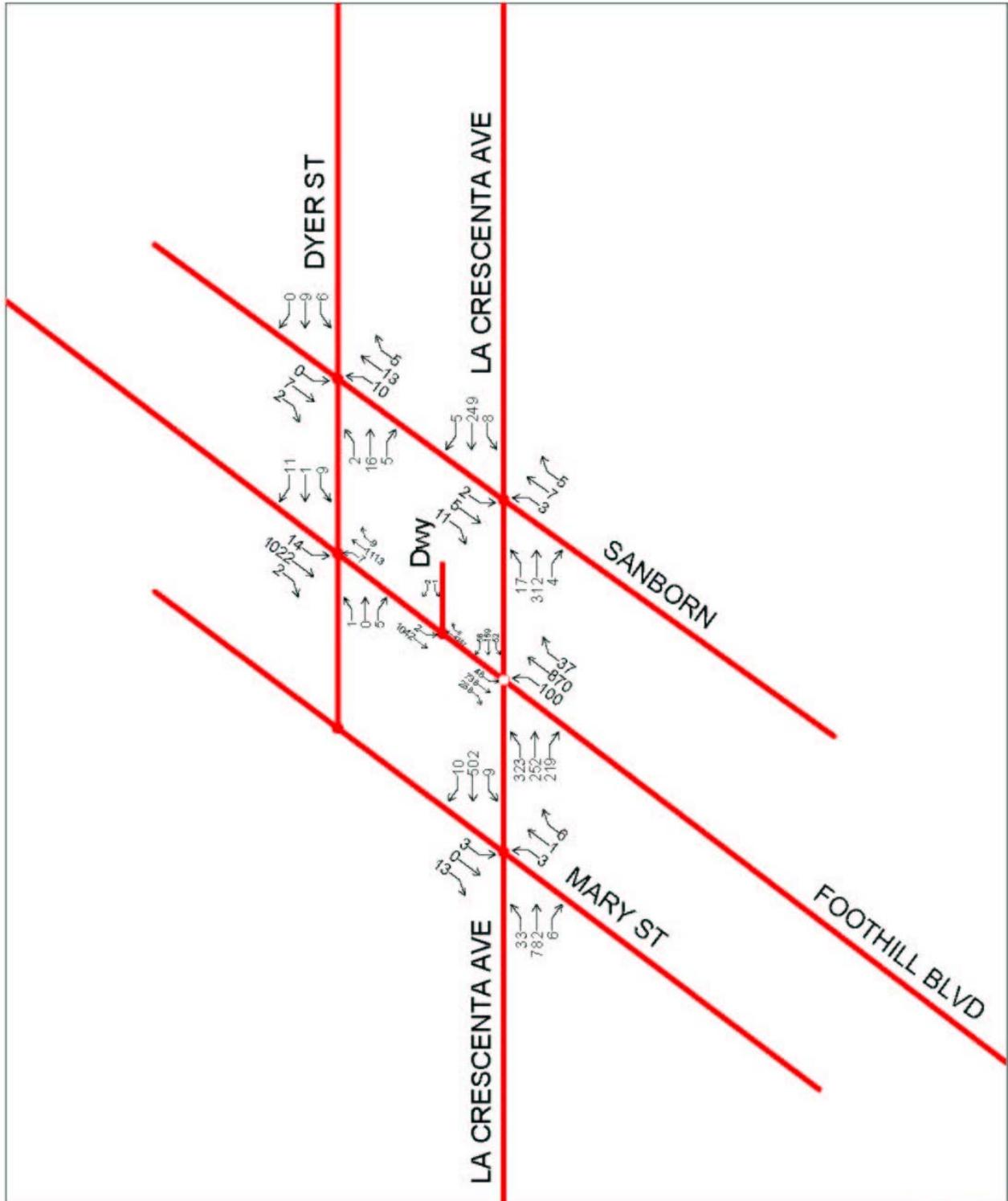


FIGURE 3-2, EXISTING TRAFFIC VOLUMES (PM PEAK HOUR)

**TABLE 3-5  
EXISTING PEAK HOUR INTERSECTION PERFORMANCE**

Intersection	Existing AM Peak		Existing PM Peak	
	ICU	LOS	ICU	LOS
Foothill Boulevard and Dyer Street	40.8%	A	42.6%	A
Foothill Boulevard and La Crescenta Avenue	79.4%	D	78.9%	D
Foothill Boulevard Driveway	40.6%	A	46.1%	A
La Crescenta Avenue and Sanborn Avenue	41.3%	A	35.6%	A
La Crescenta Avenue and Mary Street	34.6%	A	39.0%	A
Sanborn Avenue and Dyer Street	19.6%	A	20.6%	A

Source: Traffic Impact Analysis, 2005.

(Sources: Site Survey and Traffic Impact Analysis)

- A. Would the project cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?**

**Less than Significant Impact.** Implementation of the proposed *La Crescenta Library* would result in an increase in the number of vehicle trips to and from the project site, due to the increase in the number of on-site employees and library visitors anticipated at the larger facility. The trip generation from existing uses that would be replaced by the project is provided in Table 3-6, *Existing and Projected Vehicle Trips*.

**TABLE 3-6  
EXISTING AND PROJECTED VEHICLE TRIPS**

Land Use	Peak Hour Trips				Daily Trips	
	AM In	AM out	PM In	PM Out	In	Out
Existing Auto Shop	4	2	4	3	38	21
Existing Library	3	1	13	15	108	108
Proposed Library	11	4	48	51	378	378
Net Increase	4	1	31	33	232	249

Former used automobile sales lot is currently not in use.  
Source: Traffic Impact Analysis, 2005.

The existing land uses generate 275 vehicle trips daily and the proposed library project would generate 756 vehicle trips daily. This translates to a net increase of 481 vehicle trips on the surrounding streets from the proposed project.

The future traffic conditions at area intersections was calculated with a four percent ambient growth to obtain 2007 intersection conditions. Table 3-7, *Future without Project Intersection Performance*, shows that the LOS at the study intersections would remain the same, with slight increases in the Intersection Capacity Utilization (ICU).

**TABLE 3-7  
FUTURE WITHOUT PROJECT INTERSECTION PERFORMANCE**

Intersection	AM Peak		PM Peak	
	ICU	LOS	ICU	LOS
Foothill Boulevard and Dyer Street	42.0%	A	43.8%	A
Foothill Boulevard and La Crescenta Avenue	82.0%	D	81.0%	D
Foothill Boulevard Driveway	41.7%	A	47.5%	A
La Crescenta Avenue and Sanborn Avenue	42.5%	A	36.6%	A
La Crescenta Avenue and Mary Street	35.7%	A	40.1%	A
Sanborn Avenue and Dyer Street	19.8%	A	20.7%	A

Source: Traffic Impact Analysis, 2005.

When the project generated trips are added to the projected traffic volumes of the study intersections, the additional vehicle trips from the proposed library lead to slight increases in ICU, but also retain the existing and projected LOS. Table 3-8, *Future with Project Intersection Performance*, shows that the LOS at the study intersections with the proposed library.

**TABLE 3-8  
FUTURE WITH PROJECT INTERSECTION PERFORMANCE**

Intersection	AM Peak		PM Peak	
	ICU	LOS	ICU	LOS
Foothill Boulevard and Dyer Street	42.0%	A	46.9%	A
Foothill Boulevard and La Crescenta Avenue	82.0%	D	81.4%	D
Foothill Boulevard Driveway	41.7%	A	48.0%	A
La Crescenta Avenue and Sanborn Avenue	42.5%	A	36.7%	A
La Crescenta Avenue and Mary Street	35.7%	A	40.9%	A
Sanborn Avenue and Dyer Street	19.8%	A	20.8%	A

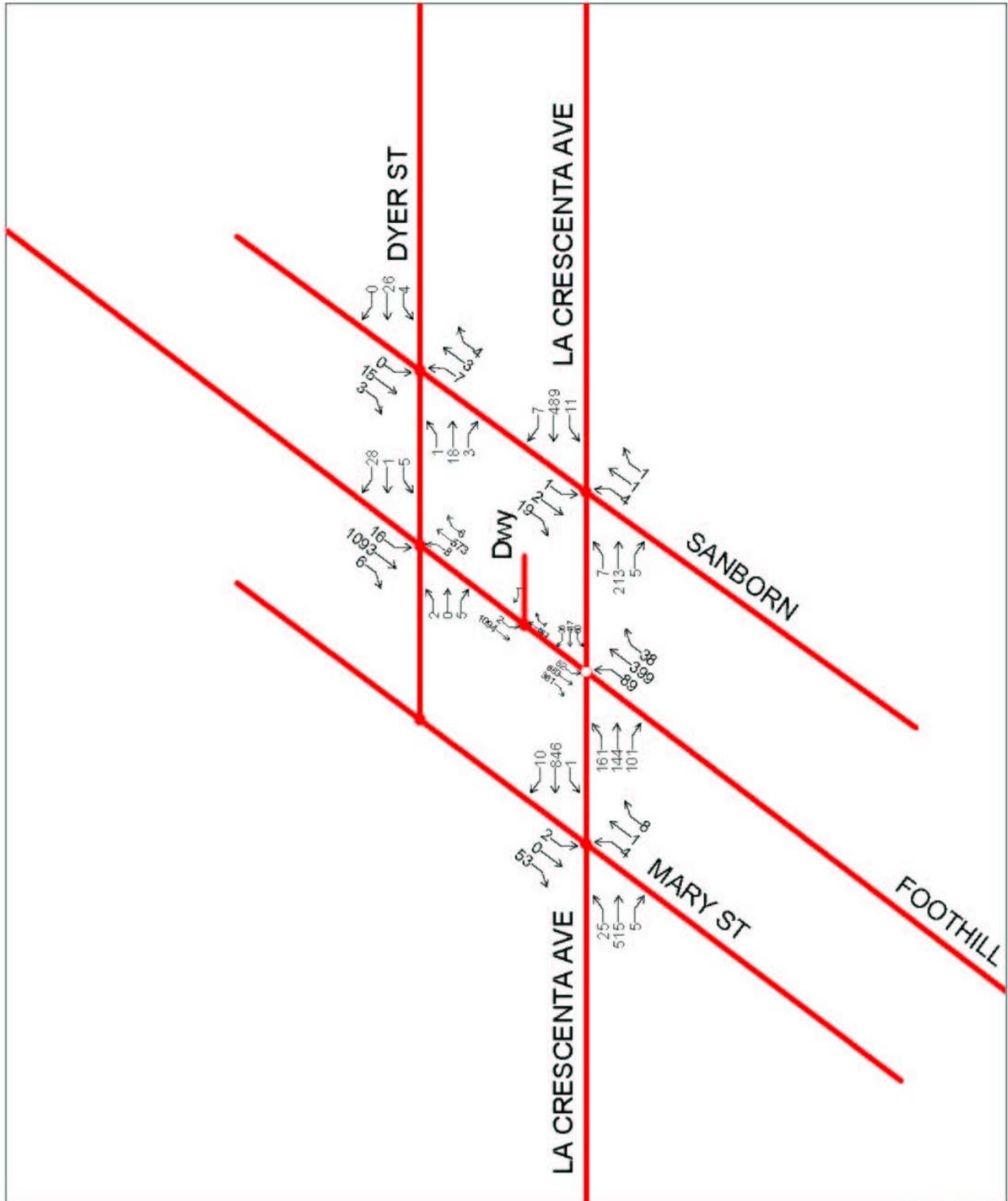
Source: Traffic Impact Analysis, 2005.

As shown, all study intersections evaluated would remain at an acceptable LOS of D or better, for all peak periods, with or without project implementation. Thus, the project would not generate significant traffic impacts to the surrounding circulation system in the project area. Less than significant traffic impacts are expected with the project. Figure 3-3, *Future with Project Traffic Volumes (AM Peak)*, shows the projected AM peak hour turning movements with the project on the study intersections, while Figure 3-4, *Future with Project Traffic Volumes (PM Peak Hour)*, shows the PM peak hour turning movements.

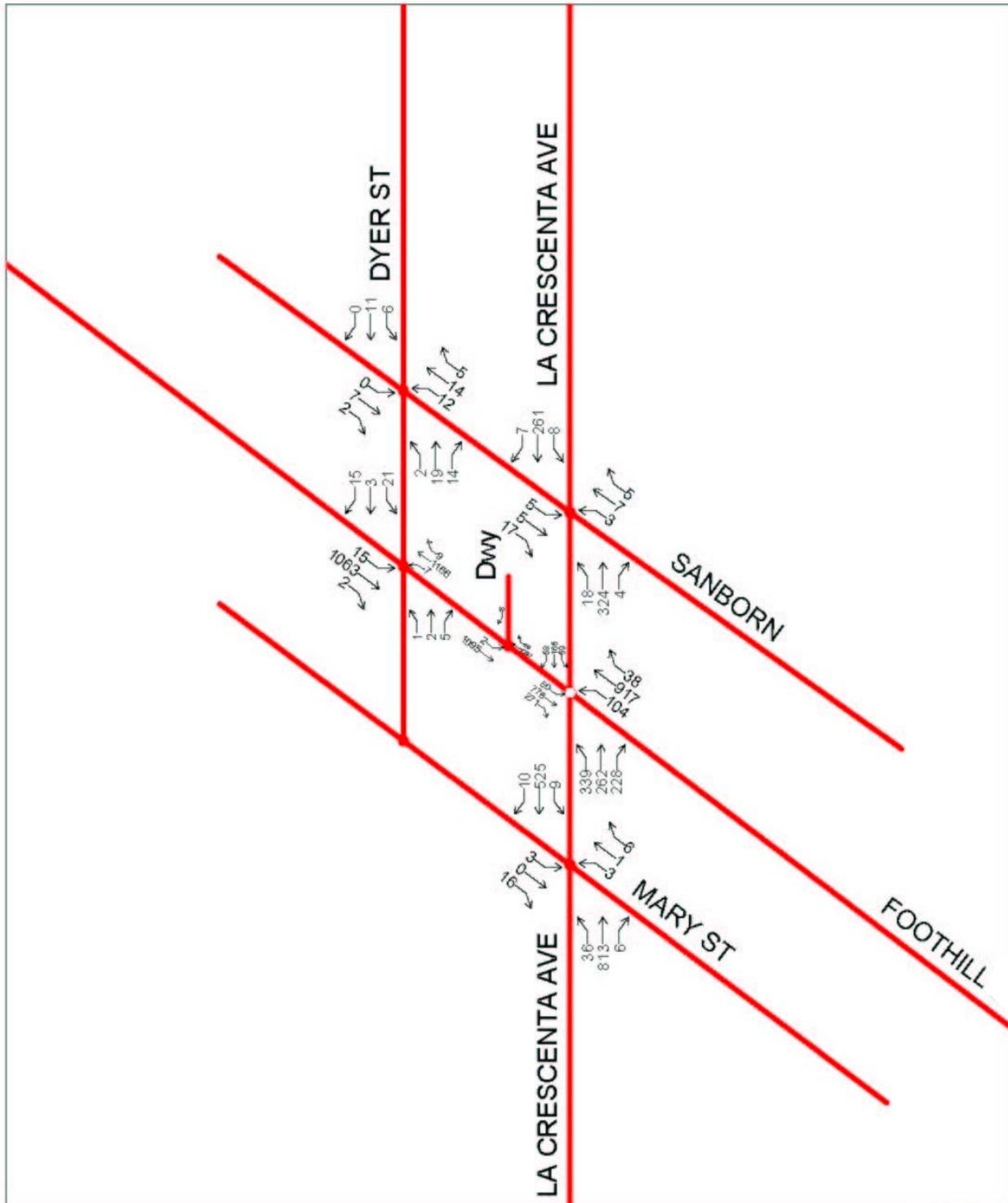
(Sources: Site Survey and Traffic Impact Analysis)

**B. Would the project exceed, either individually or cumulatively, a LOS standard established by the county congestion management agency for designated roads or highways?**

**Less than Significant Impact.** According to the Traffic Impact Analysis, the analyzed intersections surrounding the project site are currently operating at LOS D or better. The LOS at these intersections would not change to below LOS D with the proposed *La Crescenta Library*. The proposed project would contribute to the existing roadway system approximately 756 total daily trips or a net increase of 481 daily vehicle trips. This would not create significant traffic impacts at the study intersections or surrounding roadways. The Los Angeles County CMP sets a standard of LOS E for CMP roadways and highways.



**FIGURE 3-3, FUTURE WITH PROJECT TRAFFIC VOLUMES (AM PEAK HOUR)**



**FIGURE 3-4, FUTURE WITH PROJECT TRAFFIC VOLUMES (PM PEAK HOUR)**

The proposed project would not lead to any intersection operating at LOS E. Thus, the project would not exceed individually or cumulatively the LOS standards of area roads and impacts would be less than significant.

(Sources: *Site Survey and Traffic Impact Analysis*)

**C. Would the project result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?**

**No Impact.** There are no airports near the project site. The proposed library project would not impact air traffic at the nearest airports: Burbank Airport or the Los Angeles International Airport. Thus, no impact on air traffic patterns would occur with the project.

(Sources: *Site Survey and Proposed Site Plan*)

**D. Would the project substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?**

**Less than Significant Impact with Mitigation.** Three driveways are proposed as part of the project design. Driveways would be located along Foothill Boulevard, Dyer Street, and Sanborn Avenue. Construction of the project would occur within the project site boundaries, with limited work on the surrounding roadways.

Lane closures would be made with at least one lane remaining open and with emergency access to individual parcels maintained at all times, in accordance with the Standard Specifications for Public Works Construction (Greenbook). Thus, no traffic related hazards would be introduced by construction activities for the project.

The proposed project would increase the number of vehicles coming to and from the site. Given the high through traffic volumes on both the eastbound and westbound lanes on Foothill Boulevard, left turns heading out from the site can be a potential safety hazard. The introduction of eastbound left turns into the driveway on Foothill Boulevard to reach the proposed library could also block the existing lanes and driveways on the south side of Foothill Boulevard. This impact may be significant.

In addition, vehicles exiting the site on Dyer Street and turning south on Dyer Street could create queues at this roadway segment. This would block northbound traffic on Dyer Street. Since this roadway is wide enough to accommodate two lanes, restriping of the northern leg would improve intersection operations.

***Mitigation***

*Mitigation Measure 6: To reduce the potential for accidents and to improve traffic safety in the project area, the following measures shall be implemented as part of the project:*

- ◆ *The library entrance on Foothill Boulevard should be restricted as a right-in right-out only access driveway.*
- ◆ *An exclusive right turn lane and a combined left-turn and through lane should be striped for at least 50 feet at the southbound lane on Dyer Street as it approaches its intersection with Foothill Boulevard.*

- ◆ *An exclusive left turn lane is recommended for northbound traffic at the intersection of La Crescenta Avenue and Sanborn Avenue, and an exclusive right-turn lane is recommended for eastbound traffic at the same intersection.*
- ◆ *The bus stop on Foothill Boulevard, just west of the intersection of Foothill Boulevard and La Crescenta Avenue, should be relocated nearer to the intersection of Foothill Boulevard and Dyer Street. This will provide better visibility of the library and avoid vehicle queuing at the intersection of Foothill Boulevard and La Crescenta Avenue.*
- ◆ *Way finding signs and markers should be provided at nearby intersections and at quarter-mile locations on Foothill Boulevard and La Crescenta Avenue, to avoid traffic slow-down caused by newly attracted unfamiliar travelers.*
- ◆ *The signal timing at the Foothill Boulevard/La Crescenta Avenue intersection shall be optimized within three months after opening of the new expanded library, based on new traffic counts at the time.*

These measures would prevent the creation of traffic safety hazards in the area and reduce potential traffic impacts to less than significant levels.

*(Sources: Site Survey, Traffic Impact Analysis, Greenbook, and Proposed Site Plan)*

#### **E. Would the project result in inadequate emergency access?**

**Less than Significant Impact.** Emergency vehicle access would continue to be provided along La Crescenta Avenue and Foothill Boulevard for land uses on and near the site. Construction of the proposed library may involve temporary lane closures on streets abutting the site. Lane closures would be made with at least one lane remaining open and with emergency access to individual parcels maintained at all times, in accordance with the Standard Specifications for Public Works Construction (Greenbook). The Los Angeles County Fire Department and the Los Angeles County Sheriff's Department would also be informed of lane closures to provide them with options to use alternative routes during emergency response operations. Thus, impacts to emergency access would be less than significant.

*(Sources: Site Survey, Greenbook, and Proposed Site Plan)*

#### **F. Would the project result in inadequate parking capacity?**

**No Impact.** There are currently approximately 16 parking spaces at the existing library facility, and 12 parking spaces at the auto repair shop and former used automobile sales lot. The project proposes the development of approximately 56 parking spaces, equating to a net increase of 40 spaces over the existing library. The project would lead to a 3.25-time increase in existing library space and a 3.5-time increase in parking spaces. Thus, the proportionate increase in parking spaces would exceed the increase in building floor area.

Parking will be provided in accordance with the existing County parking standards, as set forth in Section 22.52.1220 of the Los Angeles County Municipal Code. This section states that the parking requirements for any use that is not specified in the Code shall be provided in an amount which the Director finds adequate to prevent traffic congestion and excessive on-street parking. Adequate parking capacity would be made available with the proposed project.

(Sources: Proposed Site Plan and Los Angeles County Municipal Code)

**G. Would the project conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?**

**No Impact.** The proposed library would be located along a major roadway and with a nearby bus stop. This would facilitate travel to and from the site by future library users. The proposed project may lead to an increase in the use of public transportation services to and from the site by employees, students, and visitors. Metro Bus Route 91 currently runs along Foothill Boulevard with an existing bus stop at the northwestern intersection of La Crescenta Avenue and Foothill Boulevard. The potential increase in bus ridership would result in better utilization of public transportation and would not adversely affect those services. Implementation of the proposed project would not conflict with adopted policies, plans, or programs supporting alternative transportation.

(Sources: Site Survey, Metropolitan Transportation Authority, and Proposed Site Plan)

### **3.16 UTILITIES AND SERVICE SYSTEMS**

The Crescenta Valley Water District provides water services to the project site. The District serves approximately 32,000 people within an approximately 4-square-mile area in La Crescenta, Montrose, and portions of Glendale, and La Canada Flintridge. The water system consists of approximately 85 miles of steel pipelines, varying in diameter from 4 to 16 inches. Due to the relatively steep terrain of the Crescenta Valley, the distribution system includes 11 different pressure zones, with 13 pump stations, 30 high-capacity electric pumps and pumps at each well. Water is stored in 17 steel or concrete reservoirs, with at least one tank in each zone. These tanks have a capacity ranging from 500,000 gallons to 3.6 million gallons each.

Sewer services in La Crescenta are also provided by the Crescenta Valley Water District. The District's sewer system is relatively new compared to its water delivery system. The sewer system was constructed in the early 1980s and consists of approximately 70 miles of vitrified-clay pipeline, ranging in diameter from 8 to 21 inches. All the tributary sewers join at the large diameter "interceptor" pipe in Verdugo Road, just south of Montrose. From there, the wastewater flows in the interceptor sewer to the Los Angeles-Glendale Water Reclamation Plant (LAGWRP) in south Glendale, near the intersection of Colorado Boulevard and the Golden State Freeway (I-5). The LAGWRP facility is jointly owned by the cities of Glendale and Los Angeles and operated by City of Los Angeles Bureau of Sanitation.

Consolidated Disposal Services currently provides solid waste collection and disposal services to the project site. Solid wastes are brought to Los Angeles County landfills, which receive a total of approximately 20,000 tons of non-hazardous solid wastes each day. About 80% or approximately 16,000 tons per day is disposed and the remainder is reused or recycled. The Los Angeles County Sanitation District's Solid Waste Management Division, which operates the landfills, serves approximately 810 square miles which encompasses 78 cities and unincorporated areas of the County, with a population of about 5.3 million people.

Wastes from the project site are currently disposed at the Scholl Canyon Landfill, located in the City of Glendale at 3001 Scholl Canyon Road. The Scholl Canyon Landfill serves the cities of Glendale, La Canada Flintridge, Pasadena, South Pasadena, San Marino, Sierra Madre, and the unincorporated communities of Altadena, La Crescenta, and Montrose. The Scholl Canyon Landfill has a total permitted

capacity of 69.2 million cubic yards, a total estimated filled capacity of 50.97 million cubic yards, and a remaining capacity of 18.3 million cubic yards.

(Sources: Crescenta Valley Water District and Scholl Canyon Landfill)

**A. Would the project exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?**

**Less than Significant Impact.** The proposed project would involve the demolition of the existing library, auto repair shop, and former used automobile sales lot, and the construction of a larger library on the site. While an increase in sewage generation may occur with the project, the wastewater that would be generated by the library would be relatively minor, when compared to service area of the Crescenta Valley Water District and the capacity of the LAGWRP (20 mgd). The wastewater would also not require treatment beyond what is commonly provided to municipal wastewater. Thus, the project would not exceed wastewater treatment standards.

(Sources: Proposed Site Plan and Crescenta Valley Water District)

**B. Would the project require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?**

**Less than Significant Impact.** The proposed library would generate demands for water and sewer services that would be provided by the Crescenta Valley Water District. These demands would be greater than the existing demands from the library and auto repair shop. Future water demand is estimated at an average of 750 gallons per day to a peak of 1,523 gallons of water per day. Future sewage generation is estimated at an average of 600 gallons of wastewater per day to a peak of 1,218 gallons per day. These estimates are based on demand factors from the City of Los Angeles Department of Public Works, with sewage generation representing 80 percent of water consumption.

Adequate water supplies and sewage treatment plant capacity are available to serve the project since the proposed *La Crescenta Library* would replace existing land uses and is a relatively minor development, when compared to the service area and the total water demand and sewage generation being served by the Crescenta Valley Water District. The project would not require or result in the construction of new water or wastewater treatment facilities. Thus, water demands and sewer service provision to the project would not cause significant environmental effects.

(Sources: Proposed Site Plan, City of Los Angeles Department of Public Works, and Crescenta Valley Water District)

**C. Would the project require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?**

**No Impact.** When compared to the existing land uses on the project site, the proposed project would result in an increase in building floor area. However, the proposed project would feature landscaped areas around the perimeter of the building and surface parking lot than currently existing at the site. Thus, runoff from the site would decrease over existing runoff volumes due to greater ground percolation. The proposed project would continue to discharge runoff into Foothill Boulevard for conveyance to the underground

storm drain line on La Crescenta Avenue. The proposed project would not need new or expanded storm water drainage facilities. Therefore, no impacts are expected.

(Sources: Proposed Site Plan, Los Angeles County Drains and Facilities, Topographic Survey, and Site Survey)

**D. Would the project have sufficient water supplies available from existing entitlements and resources, or are new or expanded entitlements needed?**

**Less than Significant Impact.** The proposed project would result in long-term water consumption associated with the use of restrooms, landscape irrigation, and facility maintenance activities at the new library. The estimated water consumption is 750 to 1,523 gallons per day, which is likely to be greater than the existing water consumption, due mainly to the increase in building floor area.

The County will pay for water services to the site. The Crescenta Valley Water District would be able adequately serve the project with no significant adverse impacts on existing water supplies. The increase in water demand from the project is not expected to be significant when compared to the service area of the Crescenta Valley Water District and their available water supplies.

(Sources: Proposed Site Plan and Crescenta Valley Water District)

**E. Would the project result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?**

**Less than Significant Impact.** The proposed *La Crescenta Library* would result in wastewater generation associated with the use of restrooms by an increased number of employees and library users. An increase in sewage generation is anticipated over the existing sewage generation, due to the increase in the number of restrooms and on-site users. The County will pay for sewer services to the site. The Crescenta Valley Water District would be able adequately serve the project with no significant adverse impacts on existing sewer services since the increase in wastewater volume is not expected to be significant when compared to the service area of the Crescenta Valley Water District and their available treatment capacity.

(Sources: Proposed Site Plan and Crescenta Valley Water District)

**F. Would the project be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?**

**Less than Significant Impact.** The demolition and construction of the project would result in short-term generation of construction wastes from the site. In addition, the use of the proposed *La Crescenta Library* would result in long-term solid waste generation. The California Integrated Waste Management Board (CIWMB) estimates public and institutional land uses to generate approximately 7 pounds per thousand square foot per day. Using this factor, the proposed library would generate 98 pounds of solid wastes per day.

Waste from the project would be disposed by Consolidated Disposal Services or other contracted waste disposal company and brought to the Scholl Canyon Landfill. There is ample capacity at Scholl Canyon Landfill to accommodate the solid waste disposal needs of the proposed project. The landfill accepts 1,400 tons of wastes per day and has more than 18 million cubic yards of remaining capacity at the landfill at this time. The project's impacts on landfill capacity are expected to be less than significant.

*(Sources: Scholl Canyon Landfill, Proposed Site Plan, Consolidated Disposal Services, CIWMB, and Site Survey)*

**G. Would the project comply with federal, state, and local statutes and regulations related to solid waste?**

**No Impact.** The proposed library would generate solid wastes as part of its daily operations. It is anticipated that the library would implement paper, cardboard, aluminum can and glass recycling programs on-site, as practiced at other County facilities. No hazardous wastes are expected to be generated by the proposed library. Cleaning solvents, fertilizers and pesticides that may be used in small quantities for facility maintenance will be used in accordance with applicable federal, state, and local regulations. No conflict with federal, state, and local solid waste regulations are expected with the proposed project.

*(Sources: Proposed Site Plan and County of Los Angeles Sanitation District)*

## SECTION 4: MANDATORY FINDINGS OF SIGNIFICANCE

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### 4.1 FINDINGS

The environmental analysis in Section 3.0 of this document indicates that the proposed *La Crescenta Library* may have the potential for adverse environmental impacts, relating to air quality, hazardous materials, noise and traffic/circulation. Mitigation measures will be incorporated into the project which would avoid or reduce potentially significant adverse impacts to below a level of significance. The following findings can be made regarding the mandatory findings of significance set forth in Section 15065 of the CEQA Guidelines, as based on the results of this environmental assessment:

- ◆ The proposed *La Crescenta Library* would not have the potential to degrade the quality of the environment. There are no sensitive plant or animal species on site and the proposed project will not reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, or reduce the number or restrict the range of a rare or endangered plant or animal.
- ◆ There are no cultural or historical resources on the site and the proposed project is not expected to eliminate important examples of the major periods of California history or prehistory.
- ◆ The proposed *La Crescenta Library* would not have the potential to achieve short-term goals to the disadvantage of long term environmental goals. The proposed project would advance the County of Los Angeles' long-term goals of providing adequate library services to County residents through modern and high-quality library facilities for the use of residents and visitors of the La Crescenta community and the County of Los Angeles as a whole.
- ◆ The proposed *La Crescenta Library* would not have environmental impacts which are individually limited but cumulatively considerable when considering planned or proposed development in the immediate vicinity of the site.
- ◆ The proposed project would not have environmental impacts that may have adverse effects on humans, either directly or indirectly, with implementation of the recommended mitigation measures. Impacts associated with past and ongoing hazardous materials use would be mitigated prior to project construction. Short-term air quality and noise impacts during demolition and construction activities would be reduced by the proposed mitigation measures. Potential traffic safety hazards can be mitigated by the recommended measures. Thus, the project would not result in a significant adverse impacts on humans either directly or indirectly.

The County of Los Angeles will consider the adoption of a Mitigated Negative Declaration for the proposed *La Crescenta Library*. The recommended mitigation measures presented in Section 4.2, below, shall be incorporated as part of the project to prevent the potential for significant adverse impacts.

### 4.2 MITIGATION MEASURES

The environmental analysis in Section 3.0 of this document has identified the mitigation measures that would have to be implemented, to avoid or reduce the potentially significant adverse impacts of the proposed *La Crescenta Library*. The mitigation measures will be implemented as part of the project are listed below:

## **Air Quality**

*Mitigation Measure 1: The following dust and emission control measures shall be implemented to reduce emissions and their potential for adversely affecting adjacent residences and businesses during the demolition and construction phase:*

*For Dust Control:*

- *Water construction areas at least twice daily.*
- *Cover all haul trucks or maintain at least two feet of freeboard.*
- *Pave or apply water four times daily to all unpaved parking or staging areas.*
- *Sweep site access points within 30 minutes of any visible dirt deposition on any public roadway.*
- *Cover or water twice daily any on-site stockpiles of debris, dirt or other dusty material.*
- *Suspend all operations on any unpaved surface if winds exceed 25 mph.*
- *Hydroseed or otherwise stabilize any cleared area which remains inactive for more than 96 hours after clearing is completed.*

*For Construction Equipment Emissions:*

- *Require 90-day low-NO<sub>x</sub> tune-ups for off-road equipment.*
- *Limit allowable idling to 10 minutes for trucks and heavy equipment.*

*For Off-Site Emissions:*

- *Encourage car pooling for construction workers.*
- *Limit lane closures to off-peak travel periods.*
- *Park construction vehicles off traveled roadways.*
- *Encourage delivery of materials during non-peak traffic hours.*

## **Hazards and Hazardous Materials**

*Mitigation Measure 2: Prior to the demolition of the existing buildings, asbestos-containing materials shall be removed and disposed in accordance with applicable regulations (including South Coast Air Quality Management District (SCAQMD) regulations and Cal-OSHA guidelines) by a state-licensed abatement contractor, with abatement oversight performed by an independent asbestos consultant. All identified lead-based paint shall also be removed and disposed by a licensed contractor, in accordance with existing regulations.*

*Mitigation Measure 3: Prior to demolition activities, all hazardous materials and wastes found on the site, including, but not limited to waste oil containers, antifreeze, and batteries, shall be properly removed and disposed in accordance with federal, state, and local regulations.*

*Mitigation Measure 4: In accordance with the Limited Phase II ESA, the following measures should be completed, prior to construction of the proposed library:*

- ◆ *Complete assessment for the previous removal of the former USTs in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines. This will include preparation of a closure report and submission to the County to obtain closure and clearance.*

- ◆ *Remove vent lines for the former USTs and perform confirmation sampling in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines in order to achieve closure. This will require demolition of the refrigerator box prior to removal of the piping.*
- ◆ *Remove the two hydraulic hoists or lifts with associated piping from the automotive repair facility in conformance with the Los Angeles County Department of Public Works guidelines, including confirmation samples for soils under the hoists.*
- ◆ *Remove the clarifier from the automotive repair facility in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines in order to achieve closure, including confirmation samples for soils under the clarifier.*
- ◆ *Investigate and, if identified, remove the cesspool that was located on the west side of the automotive repair facility. The refrigeration box that is attached to the repair facility will need to be removed prior to any investigation. Assessment and confirmation soil sampling are recommended for removal of the cesspool. This cesspool was used for the disposal of fluid from the repair facility clarifier, prior to the site being connected to sewer. Removal and confirmation sampling should be made in conformance with applicable standards.*
- ◆ *Investigate and, if identified, remove the 550-gallon waste oil UST with associated piping located on the west side of the historic gas station building (current automotive repair facility). Confirmation soil sampling and further investigation may be necessary to assess any possible contamination stemming from its past use. Removal and confirmation sampling should be in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines in order to achieve closure.*
- ◆ *The concrete vault on the historic gas station site (current automotive repair facility) should be investigated further and its current or previous use identified. The vault should be properly removed or abandoned in conformance with applicable standards.*
- ◆ *Remove and/or abandon the cesspool at the former used automobile sales lot. Removal and confirmation sampling should be in conformance with applicable standards.*

## Noise

*Mitigation Measure 5: Construction and demolition activities at the site shall comply with the County ordinance regarding construction noise and limit demolition and construction activities to the time period from 7:00 AM to 7:00 PM from Monday to Saturday, with no construction on Sundays or holidays. Also, all mobile or stationary internal-combustion-engine powered equipment or machinery shall be equipped with suitable exhaust and air-intake silencers in proper working order.*

## Traffic/Circulation

*Mitigation Measure 6: To reduce the potential for accidents and to improve traffic safety in the project area, the following measures shall be implemented as part of the project:*

- ◆ *The library entrance on Foothill Boulevard should be restricted as a right-in right-out only access driveway.*
- ◆ *An exclusive right turn lane and a combined left-turn and through lane should be striped for at least 50 feet at the southbound lane on Dyer Street as it approaches its intersection with Foothill Boulevard.*
- ◆ *An exclusive left turn lane is recommended for northbound traffic at the intersection of La Crescenta Avenue and Sanborn Avenue, and an exclusive right-turn lane is recommended for eastbound traffic at the same intersection.*
- ◆ *The bus stop on Foothill Boulevard, just west of the intersection of Foothill Boulevard and La Crescenta Avenue, should be relocated nearer to the intersection of Foothill Boulevard and Dyer Street. This will provide better visibility of the library and avoid vehicle queuing at the intersection of Foothill Boulevard and La Crescenta Avenue.*
- ◆ *Way finding signs and markers should be provided at nearby intersections and at quarter-mile locations on Foothill Boulevard and La Crescenta Avenue, to avoid traffic slow-down caused by newly attracted unfamiliar travelers.*
- ◆ *The signal timing at the Foothill Boulevard/La Crescenta Avenue intersection shall be optimized within three months after opening of the new expanded library, based on new traffic counts at the time.*

## SECTION 5: LIST OF PREPARERS/REFERENCES

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### 5.1 PREPARERS OF THE INITIAL STUDY

*David Evans and Associates, Inc.*  
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Ontario, California 91764  
(909) 481-5750

Josephine Alido, Project Manager  
Jeremy Fusselman, Project Planner  
Julia Wu, Traffic Engineer

### 5.2 REFERENCES

The following references were used in the preparation of this Initial Study and are available for review by the public at the offices of David Evans and Associates at 800 North Haven Avenue, Suite 300, Ontario, California 91764 during normal business hours.

BNI Building News, Greenbook – Standard Specifications for Public Works Construction, 2003.

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### **5.3 PERSONS CONTACTED**

Kaly Trezos, Gil Garcia, Donna Brooks and Salvatore Pecora  
Los Angeles County Department of Public Works

Victoria Guagliard, Community Library Manager  
La Crescenta Library

Julian Lee, Associate Engineer  
Crescenta Valley Water District

Nick Demos, Sewage Department  
City of Los Angeles Department of Public Works, San Gabriel District

Monique Williams  
Los Angeles County Sanitation District, Solid Waste Management Department

Richard Claghorn, Regional Planner II  
Los Angeles County Department of Regional Planning

## SECTION 6: RESPONSE TO COMMENTS

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The Draft Initial Study and Mitigated Negative Declaration (MND) for the New La Crescenta Library was distributed for public review and comment from April 13 to May 12, 2005. During the public review period, the County of Los Angeles Department of Public Works received letters of comment from various agencies. All letters of comment received are presented in this section, including two that came after the comment period. The letters are from the following:

- County of Los Angeles Department of Health Services, April 27, 2005
- Southern California Association of Governments, April 27, 2005
- County of Los Angeles Department of Parks and Recreation, May 4, 2005
- California Department of Toxic Substances Control, May 18, 2005
- Governor's Office of Planning and Research, May 13, 2005
- Governor's Office of Planning and Research, May 20, 2005

The comment letters are provided on the following pages, along with a response for each issue and concern raised by the comments. Each comment letter is provided below and the County's response to the comment letter provided on the following page.

Based on the comments and responses, these letters did not raise issues associated with the project, the MND, the Initial Study or the analysis in the Initial Study. The responses to the comments only provide clarification on the completed hazardous material studies and the findings of these studies. As such, no change to the Initial Study is needed. These comments and responses will be made part of the record for the project, but do not change the conclusions of the Initial Study or the MND.



THOMAS L. GARTHWAITE, M.D.  
DIRECTOR and CHIEF MEDICAL OFFICER

FRED LEAF  
CHIEF OPERATING OFFICER

JONATHAN E. FIELDING, M.D., M.P.H.  
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www.lapublichealth.org/eh/progs/envirp.htm

*PMD 085*



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Michael D. Antonovich  
Fifth District

April 27, 2005

Kaly Trezos, Project Manager  
County of Los Angeles  
Department of Public Works  
900 South Fremont Avenue  
Alhambra, California 91803

RFS No. 05-0011534

**RE: La Crescenta Library Project**  
**LOCATION: Northwest corner of La Crescenta Avenue and Foothill Boulevard**

A Mitigated Negative Declaration for the above proposed project was received by the Department of Health Services. The Department does not have comments for this project.

If you have any questions or need additional information, please contact me at (626) 430-5380.

Respectfully,

Becky Valenti, E.H.S. IV  
Mountain and Rural/Water, Sewage, and Subdivision Program

**Becky Valenti**  
**County of Los Angeles Department of Health Services**  
**April 27, 2005**

**Response:** Comment noted. No response required.

072/PMD

SOUTHERN CALIFORNIA



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**Imperial County:** Victor Carrillo, Imperial County, Jo Shields, Brawley

**Los Angeles County:** Yvonne Brathwaite Burke, Los Angeles County • Zev Yaroslavsky, Los Angeles County • Jim Aldinger, Manhattan Beach • Harry Baldwin, San Gabriel • Paul Bowen, Cerritos • Tony Cardenas, Los Angeles • Margaret Clark, Rosemead • Gene Daniels, Paramount • Mike Dispenza, Palmdale • Judy Dunlap, Inglewood • Rae Gabelich, Long Beach • Eric Garcetti, Los Angeles • Wendy Greuel, Los Angeles • Frank Guralú, Cudahy • James Hahn, Los Angeles • Janice Hahn, Los Angeles • Isadore Hall, Compton • Tom LaBonge, Los Angeles • Martin Ludlow, Los Angeles • Cindy Miscikowski, Los Angeles • Paul Nowatka, Torrance • Pam O'Connor, Santa Monica • Alex Padilla, Los Angeles • Bernard Parks, Los Angeles • Jan Perry, Los Angeles • Ed Reyes, Los Angeles • Greig Smith, Los Angeles • Tom Sykes, Walnut • Paul Talbot, Alhambra • Sidney Tyler, Pasadena • Tonia Reyes Uranga, Long Beach • Antonio Villaraigosa, Los Angeles • Dennis Washburn, Calabasas • Jack Weiss, Los Angeles • Bob Yousefian, Glendale • Dennis Zine, Los Angeles

**Orange County:** Chris Norby, Orange County • John Beauman, Brea • Lou Bone, Justin • Art Brown, Buena Park • Richard Chavez, Anaheim • Debbie Cook, Huntington Beach • Cathyn DeYoung, Laguna Niguel • Richard Dixon, Lake Forest • Marilyn Poe, Los Alamitos • Tod Ridgeway, Newport Beach

**Riverside County:** Jeff Stone, Riverside County • Thomas Buckley, Lake Elsinore • Bonnie Flickinger, Moreno Valley • Ron Loveridge, Riverside • Greg Pettis, Cathedral City • Ron Roberts, Temecula

**San Bernardino County:** Gary Ovitl, San Bernardino County • Lawrence Dale, Barstow • Paul Eaton, Montclair • Lee Ann Garcia, Grand Terrace • Tim Jasper, Town of Apple Valley • Susan Longville, San Bernardino • Deborah Robertson, Rialto • Alan Wapner, Ontario

**Ventura County:** Judy Mikels, Ventura County • Glen Becerra, Simi Valley • Carl Morehouse, San Buenaventura • Toni Young, Port Hueneme

**Orange County Transportation Authority:** Lou Correa, County of Orange

**Riverside County Transportation Commission:** Robin Lowe, Hemet

**Ventura County Transportation Commission:** Keith Millhouse, Moorpark

Printed on Recycled Paper 559-4/13/05

April 27, 2005

Ms. Kaly Trezos, Project Manager  
County of Los Angeles Department of Public Works  
Project Management Division I  
900 S. Fremont Avenue  
Alhambra, CA 91803

**RE: SCAG Clearinghouse No. I 20050230 La Crescenta Library Project**

Dear Ms. Trezos:

Thank you for submitting the **La Crescenta Library Project** for review and comment. As areawide clearinghouse for regionally significant projects, SCAG reviews the consistency of local plans, projects and programs with regional plans. This activity is based on SCAG's responsibilities as a regional planning organization pursuant to state and federal laws and regulations. Guidance provided by these reviews is intended to assist local agencies and project sponsors to take actions that contribute to the attainment of regional goals and policies.

We have reviewed the **La Crescenta Library Project**, and have determined that the proposed Project is not regionally significant per SCAG Intergovernmental Review (IGR) Criteria and California Environmental Quality Act (CEQA) Guidelines (Section 15206). Therefore, the proposed Project does not warrant comments at this time. Should there be a change in the scope of the proposed Project, we would appreciate the opportunity to review and comment at that time.

A description of the proposed Project was published in SCAG's **April 1-15, 2005** Intergovernmental Review Clearinghouse Report for public review and comment.

The project title and SCAG Clearinghouse number should be used in all correspondence with SCAG concerning this Project. Correspondence should be sent to the attention of the Clearinghouse Coordinator. If you have any questions, please contact me at (213) 236-1867. Thank you.

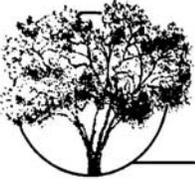
Sincerely,

**MARK BUTALA**  
Senior Regional Planner  
Intergovernmental Review



**Mark Butala**  
**Southern California Association of Governments**  
**April 27, 2005**

**Response:** Comment noted. No response required.

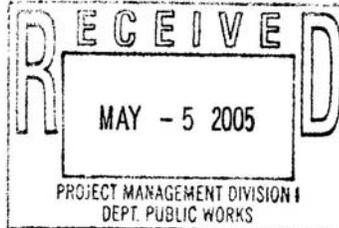


COUNTY OF LOS ANGELES  
DEPARTMENT OF PARKS AND RECREATION  
"Creating Community Through People, Parks and Programs"



May 4, 2005

Donna Brooks,  
Project Management Division  
County of Los Angeles  
Department of Public Works  
900 S. Fremont Avenue  
Alhambra, CA 91803



Dear Ms. Brooks:

**DRAFT INITIAL STUDY AND MITIGATED NEGATIVE DECLARATION (IS/MND) FOR  
THE PROPOSED LA CRESCENTA LIBRARY**

The IS/MND for the proposed La Crescenta Library has been reviewed for potential impact on the facilities of this Department. Implementation of this project will not impact facilities under the jurisdiction of this Department.

Thank you for including this Department in the review of this notice. If we may be of further assistance, please contact me at (213) 351-5133.

Sincerely,

Bryan Moscardini  
Park Project Coordinator

BM(c:response-dpw-la crescenta library)

**Bryan Moscardini**  
**County of Los Angeles Department of Parks and Recreation**  
**May 4, 2005**

**Response:** Comment noted. No response required.



Alan C. Lloyd, Ph.D.  
Agency Secretary  
Cal/EPA



## Department of Toxic Substances Control

1011 North Grandview Avenue  
Glendale, California 91201



Arnold Schwarzenegger  
Governor

May 18, 2005

PMD  
085

Ms. Kaly Trezos  
County of Los Angeles Department of Public Works  
900 South Fremont Avenue  
Alhambra, California 91813

### NOTICE OF COMPLETION OF DRAFT INITIAL STUDY AND MITIGATED NEGATIVE DECLARATION FOR THE NEW LA CRESENTA LIBRARY SCH NO. 2005041069

Dear Ms. Trezos:

The Department of Toxic Substances Control (DTSC) has received your Notice of Completion of draft Initial Study and Mitigated Negative Declaration (IS/MND) for the project mentioned above.

Based on the review of the document, DTSC comments are as follows:

1. The draft IS/MND states the Project site is currently developed to include an automotive repair facility, and a former used automobile sales lot. The draft IS/MND needs to identify any known or potentially contaminated area within the Project site. For all identified areas, the IS/MND needs to evaluate whether conditions at the site pose a threat to human health or the environment.
2. All environmental investigation and/or remediation should be conducted under a Workplan which is approved by a regulatory agency who has jurisdiction to oversee hazardous waste cleanups. Proper investigation and remedial actions should be conducted at the Site prior to its development.
3. If during project implementation, soil contamination is suspected, construction in the area should stop, and appropriate health and safety procedures should be implemented. If it is determined that contaminated soils exists, the IS/MND should identify how any required investigation and/or remediation will be conducted, and which government agency will provide regulatory oversight.

DTSC provides guidance for Preliminary Endangerment Assessment preparation and cleanup oversight through the Voluntary Cleanup Program (VCP). For additional

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Ms. Kaly Trezos  
May 18, 2005  
Page 2

information on the VCP please visit DTSC's web site at [www.dtsc.ca.gov](http://www.dtsc.ca.gov). If you would like to meet and discuss this matter further, please contact Mr. Alberto Valmidiano, Project Manager, at (818) 551-2870 or me at (818) 551-2973.

Sincerely,



Jennifer Jones  
Unit Chief  
Southern California Cleanup Operations Branch – Glendale Office

cc: Governor's Office of Planning and Research  
State Clearinghouse  
P. O. Box 3044  
Sacramento, California 95812-3044

Mr. Guenther W. Moskat, Chief  
Planning and Environmental Analysis Section  
CEQA Tracking Center  
Department of Toxic Substances Control  
P. O. Box 806  
Sacramento, California 95812-0806

**Jennifer Jones**  
**California Department of Toxic Substances Control**  
**May 18, 2005**

**Response to Comment 1:** The preparation of the Initial Study included the completion of a Phase 1 ESA, a Limited Asbestos Survey and a Limited Phase 2 ESA to determine the presence of hazardous materials, soil contamination, and other threats to human health and the environment at the project site. The findings of these three reports are summarized in the Initial Study and threats to human health and the environment are specifically discussed under Section 3.7, Hazards and hazardous Materials, on pages 3-19 to 3-25 of the Initial Study.

**Response to Comment 2:** As stated above, a Phase 1 ESA, a Limited Asbestos Survey, and a Limited Phase 2 ESA have been conducted on the site. The Phase 2 ESA has identified a number of measures that need to be completed as part of the project, to mitigate impacts associated with existing and past hazardous materials use. These include the removal and disposal of hazardous wastes found at the site in accordance with regulatory requirements, the removal and confirmation sampling of structures and substructures in conformance with applicable standards, and the assessment, closure and clearance for the underground storage tanks that were previously removed from the site. These measures shall be implemented and completed prior to demolition and construction of the proposed library.

**Response to Comment 3:** A limited Phase 2 ESA has been conducted for the site, which states that no contaminated soils were detected on the site. Page 3-22 of the Initial Study says that the findings of the Limited Phase 2 ESA indicate that the concentrations of total petroleum hydrocarbons (TPH), semi-volatile organic compounds (SVOC), polychlorinated biphenyls (PCB), and E. coli in the soil samples were below their laboratory detection limits. Various volatile organic compounds (VOC) were detected, but levels did not exceed the Environmental Protection Agency's Preliminary Remediation Goals (PRG) and Maximum Soil Screening Levels (MSSL) for these VOCs. Thus, no regulatory actions are needed for the site since no hazardous material concerns were present in the on-site soils. In addition, removal of structures and substructures and confirmation sampling of nearby soils will be implemented in conformance with applicable standards. If any contamination is encountered, the required remediation would be completed in accordance with existing regulations and with oversight by the appropriate regulatory agencies.



Arnold  
Schwarzenegger  
Governor

STATE OF CALIFORNIA  
Governor's Office of Planning and Research  
State Clearinghouse and Planning Unit



Sean Walsh  
Director

May 13, 2005

PMD  
085

Kaly Trezos  
Los Angeles County Department of Public Works  
900 S. Fremont Avenue  
Alhambra, CA 91803

Subject: New La Crescenta Library  
SCH#: 2005041069

Dear Kaly Trezos:

The State Clearinghouse submitted the above named Negative Declaration to selected state agencies for review. The review period closed on May 12, 2005, and no state agencies submitted comments by that date. This letter acknowledges that you have complied with the State Clearinghouse review requirements for draft environmental documents, pursuant to the California Environmental Quality Act.

Please call the State Clearinghouse at (916) 445-0613 if you have any questions regarding the environmental review process. If you have a question about the above-named project, please refer to the ten-digit State Clearinghouse number when contacting this office.

Sincerely,

Terry Roberts  
Director, State Clearinghouse

1400 TENTH STREET P.O. BOX 3044 SACRAMENTO, CALIFORNIA 95812-3044  
TEL (916) 445-0613 FAX (916) 323-3018 www.opr.ca.gov

**Document Details Report  
State Clearinghouse Data Base**

**SCH#** 2005041069  
**Project Title** New La Crescenta Library  
**Lead Agency** Los Angeles County Department of Public Works

**Type** Neg Negative Declaration  
**Description** The proposed approximately 14,000 sf library structure would replace the existing land uses on the site. The proposed library would include a split-level two-story structure with approximately 56 surface parking spaces within a lower level garage and surface parking lot.

**Lead Agency Contact**

**Name** Kaly Trezos  
**Agency** Los Angeles County Department of Public Works  
**Phone** (626) 300-2318 **Fax**  
**email**  
**Address** 900 S. Fremont Avenue  
**City** Alhambra **State** CA **Zip** 91803

**Project Location**

**County** Los Angeles  
**City**  
**Region**  
**Cross Streets** La Crescenta / Foothill Blvd.  
**Parcel No.**  
**Township** **Range** **Section** **Base**

**Proximity to:**

**Highways** SR 210  
**Airports**  
**Railways**  
**Waterways**  
**Schools** Glendale USD  
**Land Use** Library, Auto Repair Shop, Former Used Automobile Sales Lot  
 Z: R-1 (Single-Family Residence) and C-3 (Unlimited Commercial)  
 GP: Major Commercial and Low-Density Residential

**Project Issues** Aesthetic/Visual; Agricultural Land; Air Quality; Archaeologic-Historic; Drainage/Absorption; Flood Plain/Flooding; Geologic/Seismic; Landuse; Minerals; Noise; Population/Housing Balance; Public Services; Recreation/Parks; Schools/Universities; Sewer Capacity; Soil Erosion/Compaction/Grading; Solid Waste; Toxic/Hazardous; Traffic/Circulation; Vegetation; Water Quality; Water Supply; Wetland/Riparian; Wildlife

**Reviewing Agencies** Resources Agency; Regional Water Quality Control Board, Region 4; Department of Parks and Recreation; Native American Heritage Commission; Department of Health Services; Office of Historic Preservation; Department of Fish and Game, Region 5; Department of Water Resources; California Highway Patrol; Caltrans, District 7; Department of Toxic Substances Control

**Date Received** 04/13/2005 **Start of Review** 04/13/2005 **End of Review** 05/12/2005

**Terry Roberts**  
**Governor's Office of Planning and Research**  
**May 13, 2005**

**Response:** Comment noted. No response required.



Arnold  
Schwarzenegger  
Governor

STATE OF CALIFORNIA  
Governor's Office of Planning and Research  
State Clearinghouse and Planning Unit



Sean Walsh  
Director

May 20, 2005

*PMD  
DMJM  
JRS*

Kaly Trezos  
Los Angeles County Department of Public Works  
900 S. Fremont Avenue  
Alhambra, CA 91803

Subject: New La Crescenta Library  
SCH#: 2005041069

Dear Kaly Trezos:

The enclosed comment (s) on your Negative Declaration was (were) received by the State Clearinghouse after the end of the state review period, which closed on May 12, 2005. We are forwarding these comments to you because they provide information or raise issues that should be addressed in your final environmental document.

The California Environmental Quality Act does not require Lead Agencies to respond to late comments. However, we encourage you to incorporate these additional comments into your final environmental document and to consider them prior to taking final action on the proposed project.

Please contact the State Clearinghouse at (916) 445-0613 if you have any questions concerning the environmental review process. If you have a question regarding the above-named project, please refer to the ten-digit State Clearinghouse number (2005041069) when contacting this office.

Sincerely,

Terry Roberts  
Senior Planner, State Clearinghouse

Enclosures  
cc: Resources Agency

1400 TENTH STREET P.O. BOX 3044 SACRAMENTO, CALIFORNIA 95812-3044  
TEL (916) 445-0613 FAX (916) 323-3018 www.opr.ca.gov

**Terry Roberts**  
**Governor's Office of Planning and Research**  
**May 20, 2005**

**Response:** The enclosed comment letter from DTSC was directly sent to the County. Responses to the DTSC letter are provided on page 6-10 above.

## SECTION 7: ENVIRONMENTAL MITIGATION MONITORING AND REPORTING PROGRAM

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### 7.1 INTRODUCTION

The analysis in the Initial Study for the La Crescenta Library indicates that potentially significant adverse environmental impacts may occur with the project in terms of Air Quality, Hazards and Hazardous Materials, Noise, and Traffic/Circulation. Mitigation measures are recommended for the identified significant adverse impacts under each relevant environmental issue area. The Los Angeles County Board of Supervisors would approve the mitigation measures for the new La Crescenta Library, in conjunction with the adoption of the Mitigated Negative Declaration for the project.

Section 21081.6 of the Public Resources Code requires a public agency to adopt a Mitigation Monitoring and Reporting Program (MMRP) for assessing and ensuring the implementation of required mitigation measures applied to proposed developments. The MMRP shall include specific reporting and/or monitoring requirements that will be enforced during project implementation and shall be adopted in conjunction with the final approval of the project by the responsible decision maker(s).

In accordance with Public Resources Code Section 21081.6, an MMRP has been developed for the proposed La Crescenta Library Project. The purpose of the MMRP is to ensure the project complies with all applicable environmental mitigation and permit requirements. The MMRP shall be considered and adopted by the Los Angeles County Board of Supervisors as part of the environmental review process.

### 7.2 MITIGATION MONITORING AND REPORTING PROGRAM

As previously indicated, a number of mitigation measures have been recommended to reduce or avoid the potentially significant adverse impacts associated with development of the library facility. These mitigation measures are listed in the table below. Responsible parties, the time frame for implementation, and the monitoring parties are also identified for each measure.

The MMRP for the proposed project designates the contractor for the implementation of mitigation measures and the Los Angeles County Department of Public Works as responsible for verification of mitigation compliance, review of all monitoring reports, enforcement actions, and document disposition.

**TABLE 7-1  
MITIGATION MONITORING MATRIX**

Mitigation Measures	Responsible Party	Time Frame for Implementation	Department or Agency Responsible for Monitoring
<p><b>Air Quality:</b></p> <p>Mitigation Measure 1: The following dust and emission control measures shall be implemented to reduce emissions and their potential for adversely affecting adjacent residences and businesses during the demolition and construction phase:</p> <p><b>For Dust Control:</b></p> <ul style="list-style-type: none"> <li>▪ Water construction areas at least twice daily.</li> <li>▪ Cover all haul trucks or maintain at least two feet of freeboard.</li> </ul>	Contractor	During Demolition / Construction	Field Inspections by Los Angeles County Department of Public Works

**TABLE 7-1  
MITIGATION MONITORING MATRIX**

Mitigation Measures	Responsible Party	Time Frame for Implementation	Department or Agency Responsible for Monitoring
<ul style="list-style-type: none"> <li>▪ Pave or apply water four times daily to all unpaved parking or staging areas.</li> <li>▪ Sweep site access points within 30 minutes of any visible dirt deposition on any public roadway.</li> <li>▪ Cover or water twice daily any on-site stockpiles of debris, dirt or other dusty material.</li> <li>▪ Suspend all operations on any unpaved surface if winds exceed 25 mph.</li> <li>▪ Hydroseed or otherwise stabilize any cleared area which remains inactive for more than 96 hours after clearing is completed.</li> </ul> <p><b>For Construction Equipment Emissions:</b></p> <ul style="list-style-type: none"> <li>▪ Require 90-day low-NO<sub>x</sub> tune-ups for off-road equipment.</li> <li>▪ Limit allowable idling to 10 minutes for trucks and heavy equipment.</li> </ul> <p><b>For Off-Site Emissions:</b></p> <ul style="list-style-type: none"> <li>▪ Encourage car pooling for construction workers.</li> <li>▪ Limit lane closures to off-peak travel periods.</li> <li>▪ Park construction vehicles off traveled roadways.</li> <li>▪ Encourage delivery of materials during non-peak traffic hours.</li> </ul>	Contractor	During Demolition / Construction	Field Inspections by Los Angeles County Department of Public Works
<p><b>For Off-Site Emissions:</b></p> <ul style="list-style-type: none"> <li>▪ Encourage car pooling for construction workers.</li> <li>▪ Limit lane closures to off-peak travel periods.</li> <li>▪ Park construction vehicles off traveled roadways.</li> <li>▪ Encourage delivery of materials during non-peak traffic hours.</li> </ul>	Contractor	During Demolition / Construction	Field Inspections by Los Angeles County Department of Public Works
<p><b>Hazards and Hazardous Materials:</b></p> <p>Mitigation Measure 2: Prior to the demolition of the existing buildings, asbestos-containing materials shall be removed and disposed in accordance with applicable regulations (including South Coast Air Quality Management District (SCAQMD) regulations and Cal-OSHA guidelines) by a state-licensed abatement contractor, with abatement oversight performed by an independent asbestos consultant. All identified lead-based paint shall also be removed and disposed by a licensed contractor, in accordance with existing regulations.</p>	Contractor	Prior to Demolition / Construction	Field Inspections by Los Angeles County Department of Public Works
<p>Mitigation Measure 3: Prior to demolition activities, all hazardous materials and wastes found on the site, including, but not limited to waste oil containers, antifreeze, and batteries, shall be properly removed and disposed in accordance with federal, state, and local regulations.</p>	Contractor	Prior to Demolition / Construction	Field Inspections by Los Angeles County Department of Public Works
<p>Mitigation Measure 4: In accordance with the Limited Phase II ESA, the following measures should be completed, prior to construction of the proposed library:</p>	Contractor	Prior to Construction	Field Inspections by Los Angeles County Department of Public

**TABLE 7-1  
MITIGATION MONITORING MATRIX**

Mitigation Measures	Responsible Party	Time Frame for Implementation	Department or Agency Responsible for Monitoring
<ul style="list-style-type: none"> <li>▪ Complete assessment for the previous removal of the former USTs in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines. This will include preparation of a closure report and submission to the County to obtain closure and clearance.</li> <li>▪ Remove vent lines for the former USTs and perform confirmation sampling in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines in order to achieve closure. This will require demolition of the refrigerator box prior to removal of the piping.</li> <li>▪ Remove the two hydraulic hoists or lifts with associated piping from the automotive repair facility in conformance with the Los Angeles County Department of Public Works guidelines, including confirmation samples for soils under the hoists.</li> <li>▪ Remove the clarifier from the automotive repair facility in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines in order to achieve closure, including confirmation samples for soils under the clarifier.</li> <li>▪ Investigate and, if identified, remove the cesspool that was located on the west side of the automotive repair facility. The refrigeration box that is attached to the repair facility will need to be removed prior to any investigation. Assessment and confirmation soil sampling are recommended for removal of the cesspool. This cesspool was used for the disposal of fluid from the repair facility clarifier, prior to the site being connected to sewer. Removal and confirmation sampling should be made in conformance with applicable standards.</li> <li>▪ Investigate and, if identified, remove the 550-gallon waste oil UST with associated piping located on the west side of the historic gas station building (current automotive repair facility). Confirmation soil sampling and further investigation may be necessary to assess any</li> </ul>			Works

**TABLE 7-1  
MITIGATION MONITORING MATRIX**

Mitigation Measures	Responsible Party	Time Frame for Implementation	Department or Agency Responsible for Monitoring
<p>possible contamination stemming from its past use. Removal and confirmation sampling should be in conformance with the Los Angeles County Department of Public Works, Underground Storage Tank Unit guidelines in order to achieve closure.</p> <ul style="list-style-type: none"> <li>▪ The concrete vault on the historic gas station site (current automotive repair facility) should be investigated further and its current or previous use identified. The vault should be properly removed or abandoned in conformance with applicable standards.</li> <li>▪ Remove and/or abandon the cesspool at the former used automobile sales lot. Removal and confirmation sampling should be in conformance with applicable standards.</li> </ul>			
<p><b>Noise:</b></p> <p>Mitigation Measure 5: Construction and demolition activities at the site shall comply with the County ordinance regarding construction noise and limit demolition and construction activities to the time period from 7:00 AM to 7:00 PM from Monday to Saturday, with no construction on Sundays or holidays. Also, all mobile or stationary internal-combustion-engine powered equipment or machinery shall be equipped with suitable exhaust and air-intake silencers in proper working order.</p>	Contractor	During Demolition / Construction	Field Inspections by Los Angeles County Department of Public Works
<p><b>Traffic and Circulation:</b></p> <p>Mitigation Measure 6: To reduce the potential for accidents and to improve traffic safety in the project area, the following measures shall be implemented as part of the project:</p> <ul style="list-style-type: none"> <li>▪ The library entrance on Foothill Boulevard should be restricted as a right-in right-out only access driveway.</li> <li>▪ An exclusive right turn lane and a combined left-turn and through lane should be striped for at least 50 feet at the southbound lane on Dyer Street as it approaches its intersection with Foothill Boulevard.</li> </ul>	Contractor	During Construction	Field Inspections by Los Angeles County Department of Public Works

**TABLE 7-1  
MITIGATION MONITORING MATRIX**

Mitigation Measures	Responsible Party	Time Frame for Implementation	Department or Agency Responsible for Monitoring
<ul style="list-style-type: none"> <li>▪ An exclusive left turn lane is recommended for northbound traffic at the intersection of La Crescenta Avenue and Sanborn Avenue, and an exclusive right-turn lane is recommended for eastbound traffic at the same intersection.</li>   <li>▪ The bus stop on Foothill Boulevard, just west of the intersection of Foothill Boulevard and La Crescenta Avenue, should be relocated nearer to the intersection of Foothill Boulevard and Dyer Street. This will provide better visibility of the library and avoid vehicle queuing at the intersection of Foothill Boulevard and La Crescenta Avenue.</li>   <li>▪ Way finding signs and markers should be provided at nearby intersections and at quarter-mile locations on Foothill Boulevard and La Crescenta Avenue, to avoid traffic slow-down caused by newly attracted unfamiliar travelers.</li>   <li>▪ The signal timing at the Foothill Boulevard/La Crescenta Avenue intersection shall be optimized within three months after opening of the new expanded library, based on new traffic counts at the time.</li> </ul>			

## AGREEMENT OF PURCHASE AND SALE OF REAL PROPERTY

**THIS AGREEMENT FOR PURCHASE AND SALE OF REAL PROPERTY** ("Agreement") is made and entered into as of this 20 day of July, 2005, by and between COFFEY LIMITED PARTNERSHIP, a California limited partnership ("Seller") and the COUNTY OF LOS ANGELES ("Buyer").

### RECITALS

- A. Seller is the owner of a certain real property located at 2801-2813 Foothill Boulevard, La Crescenta, County of Los Angeles, State of California (further described as Assessor's Parcel Numbers: 5803-011-002, 003, 004 & 005), as legally described in Exhibit "A" attached hereto and incorporated herein by this reference (the "Property").
- B. The Property consists of approximately 26,302 gross square feet of land, with approximately 1,932 square feet of improvements, consisting of a steel service station and small wood structure.
- C. Buyer is contemplating the future expansion of the La Crescenta Branch Library, located at 4521 La Crescenta Avenue, La Crescenta and is seeking to acquire the Property from Seller for this purpose.
- D. Buyer desires to purchase the Property from Seller. The Property is essential to the Buyer's plans to expand a county library adjacent to the Property. Seller is selling the Property under threat of condemnation and for this reason agrees to sell the Property to Buyer on the terms and conditions set forth in this Agreement.
- E. Mollae Paola is the Lessee of two leases (more specifically described in Paragraph 5) with Seller. Mollae Paola is the subject of a conservatorship, the Conservatorship of Mollae Paola (the "Mollae Paola Conservatorship"). Life Services, Inc. ("Conservator") is the court-appointed conservator.

### AGREEMENT

The terms and conditions of this Agreement are as follows:

1. Purchase and Sale. Seller agrees to sell to Buyer, and Buyer agrees to purchase from Seller, the Property upon the terms and conditions herein set forth.
2. Purchase Price. The "Purchase Price" for the Property shall be One Million Four Hundred Fifty Thousand and 00/100 Dollars (\$1,450,000.00). Seller agrees that this amount encompasses payment and compensation for: (i) any and all real property interests, including the leasehold interest owned by the Mollae Paola Conservatorship, which is managed by a Court-appointed conservator, Life Services, Inc; (ii) any improvements pertaining to the realty,

including trade fixtures and equipment; and (iii) any claims Seller may assert from the acquisition of the Property by the Buyer. Buyer acknowledges responsibility, at its sole cost, for any expenses and/or damages, arising from or connected with the potential loss of goodwill, benefits under the relocation assistance program, loss and/or damages to personal property and inventory, moving and/or relocation costs, damages to any business interest and any other cost and/or expense related directly or indirectly to the occupancy of the existing tenants, who include Bruce's Automotive, Newtiques, Inc., and Viacom Outdoor, Inc., sublessees of the Mollae Paola Conservatorship.

3. Payment of Purchase Price. Buyer shall pay the Purchase Price for the Property by delivering such Purchase Price into Escrow prior to the "Closing" (as defined in Section 9.03), and as provided for in this Agreement.
4. Form of Grant Deed. Fee simple absolute title to the Property shall be conveyed by Seller to Buyer as described in and by a Grant Deed in the form attached hereto as Exhibit "B" ("Grant Deed"), duly executed and acknowledged by Seller, subject only to the Approved Exceptions as defined in Section 6.02, below.
5. Seller's Disclosures. Seller makes the following disclosures about leases on the Property. There are two leases affecting the Property to which the Seller is a party. Seller entered into a lease dated March 30, 1971 which expires April 30, 2007. The current lessee is Mollae Paola ("Lessee"). This lease was amended in October 1973 and June 15, 1977. This lease pertains to Lots 3, 4, and 5 of Block C, whose parcel numbers are 5803-011-003, 004, and 005. Seller also entered into a lease with Lessee dated January 17, 1978 which expires April 30, 2007. The current Lessee is Mollae Paola. This lease pertains to Lot 2 of Block C, whose parcel number is 5803-011-002. There are three subleases on the property which Lessee entered into. There is an outdoor billboard sign located on Parcel 2. Viacom Outdoor, Inc. is the sublessee of this sign. It is paying \$416.67 per month. The tenancy is month-to-month. Bruce's Automotive rents space on the Property also having a month-to-month tenancy. Seller has been told that there is not a written agreement with Bruce's Automotive. Life Services, Inc, has stated that it does not know of a written agreement with Bruce's Automotive. He is paying \$2,400.00 per month. Lessee entered into a sublease with Newtiques, Inc. on February 22, 2005. It expires on April 30, 2007. Newtiques is paying \$2,500 per month and made a \$2,500 security deposit. Seller is not aware of any other written or unwritten sublease agreement relating to the Property. Seller's disclosures relating to subleases are based on information provided by Life Services, Inc. Seller does not warrant the information regarding the subleases provided by Life Services, Inc. Seller has no knowledge of any other leases or subleases on the Property.

6. Contingencies. Buyer's obligation to consummate the transaction contemplated by this Agreement is contingent upon the following ("Contingencies"):

6.01 Approval of Purchase and Sale. The Buyer's Board of Supervisors approving the purchase and sale of the Property and this Agreement.

6.02 Condition of Title to Transfer Property. Subject to Section 6.03, Seller shall cause the conveyance of good and marketable fee absolute title to the Property to the Buyer subject only to Items 1, 2, 3, and 4, contained in Schedule B of a preliminary title report ("PTR"), issued by Chicago Title Company (the "Title Company") on December 1, 2004, as Order No. 41017819-X77 ("Approved Exceptions"). Buyer has also reviewed the amended PTR, dated June 28, 2005 and approves the deletion of Items 5, 6, and 7. Buyer at its sole cost and expense, shall purchase a C.L.T.A. Standard Coverage Form Policy of Title Insurance ("Title Policy") issued by the Title Company in an amount equal to the value of the Purchase Price. The Title Policy shall show as exceptions only the Approved Exceptions. If any exception is disapproved or deemed disapproved, Seller shall use its best efforts to cause each disapproved exception to be discharged, satisfied, released or terminated, as the case may be, of record, and in a form that is reasonably satisfactory to Buyer, at Seller's sole cost and expense, within thirty (30) days of Buyer's disapproval. If an exception cannot be discharged, satisfied, released or terminated, as the case may be, of record, said exception may be eliminated by any feasible method that is mutually acceptable to Buyer and Seller, including but not limited to, special endorsement, bond, indemnification, etc., at Seller's sole cost and expense.

6.03 Leases. This Agreement is contingent upon the execution by Seller and the Mollae Paola Conservatorship of a Termination Agreement in form substantially similar to Exhibit C attached hereto and made a part hereof, approved by the Probate Court, acknowledging for the benefit of Buyer and Seller, receipt and full satisfaction of all claims, benefits and compensation arising from or related to any interest of the Mollae Paola Conservatorship, its successors and assigns, in the Property, including any amount due upon or arising from the sale of the Property to Buyer or pursuant to eminent domain law, the Relocation Assistance Act of the State of California or claims for inverse condemnation, ("Released Matters"). Seller acknowledges that the Termination Agreement currently does not directly provide that the parties release Buyer and will request that the Mollae Paola Conservatorship add the words "and the County of Los Angeles, a body corporate and politic (the County)" to the Termination Agreement, Paragraph 7, line 4, after the word "other,". The release shall include a waiver of California Civil Code section 1542 stating that the Mollae Paola Conservatorship acknowledges that it is familiar with section 1542 of the California Civil Code, which provides as follows:

"A general release does not extend to claims which the creditor does not know or suspect to exist in his favor at the time of executing the release, which if known by him must have materially affected his settlement with the debtor".

In addition, the Termination Agreement shall state that the Mollae Paola Conservatorship hereby waives and relinquishes every right or benefit which it has or may have under Section 1542 of the California Civil Code, to the full extent it may lawfully waive such right or benefit with regard to the Released Matters. In addition, the Termination Agreement shall state that in connection with such waiver, the Mollae Paola Conservatorship acknowledges that it may discover facts in addition to or different from those which it now believes to exist, but that is the Mollae Paola Conservatorship's intention nevertheless to hereby fully and forever settle and release all Released Matters, known or unknown.

Seller shall request Life Services, Inc. to provide Buyer, five (5) business days before the Closing with Tenant estoppel certificates in form attached hereto as Exhibit D and incorporated herein by reference, including copies of any tenant agreements currently impacting the Property, and records of any security deposits or monies that may apply to each tenant occupancy.

7. Eminent Domain. The parties acknowledge that Buyer has the authority to condemn the Property under its power of eminent domain. Buyer represents that it will institute eminent domain proceedings in the event that Seller does not sell the Property upon the terms and conditions set forth in this Agreement. The parties further acknowledge that Seller intends to treat the sale of the Property as sold under the threat of condemnation, pursuant to Section 1033 of the Internal Revenue Code of 1986 (26 U.S.C.).
8. Escrow.
  - 8.01 Within ten (10) days after the execution of this Agreement by all parties, the parties shall open an escrow (the "Escrow") with the Title Company, 700 South Flower Street, Suite 900, Los Angeles, California, Attention: \_\_\_\_\_, (the "Escrow Holder") selected by Seller and Buyer for the purpose of consummating the purchase and sale of the Property. The parties shall execute and deliver to Escrow Holder, within five (5) business days of receipt, such escrow instructions prepared by Escrow Holder as may be required to consummate the transaction contemplated by this Agreement. Any such instructions shall not conflict with, amend, or supersede any provisions of this Agreement. If there is any inconsistency between such instructions and this Agreement, this Agreement shall control unless the parties expressly agree, in writing, otherwise.

8.02 Escrow Holder is authorized to:

- 8.02.01 Pay, and charge Seller, for any delinquent taxes, and penalties and interest thereon, and for any delinquent or nondelinquent assessments or bonds against the Property, and charge Seller for the amount of security deposits held for the account of subtenants on the Property, including \$2,500.00 for the Newtiques security deposit;
- 8.02.02 Subject to Section 6.03, Pay, and charge Seller, for any amounts necessary to place the title in the condition necessary to enable conveyance pursuant to this Agreement; however, Buyer shall be responsible for title insurance costs, documentary transfer tax, and recording fees;
- 8.02.03 Pay, and charge Buyer, for all of the title/escrow fees;
- 8.02.04 Prorate all sublease rent and real property taxes, if any, which are a lien and/or unpaid as of the Closing according to the formula adopted by the Los Angeles County Assessor's Office and deduct Seller's portion from Seller's proceeds. The tax amount withheld will be made payable to the County Auditor-Controller's Office following the Closing. Any taxes which have been prepaid by Seller shall not be prorated, but Seller shall have the sole right, after Closing, to apply to the Los Angeles County Treasurer for refund of the taxes attributable to the period after acquisition pursuant to the Revenue and Taxation Code Section 5096.7;
- 8.02.05 When conditions of Escrow have been fulfilled by Buyer and Seller: (1) record documents of conveyance; (2) disburse the Purchase Price, less prorations and Seller's expenses; and (3) deliver to Buyer and Seller original copies of the Termination Agreement and any other items or documents given to Escrow Holder to hold for Buyer and/or Seller.
- 8.02.06 Deliver to Buyer and Seller copies of the Escrow closing statements at least two (2) days prior to Closing.

9. Conditions to Closing.

- 9.01 Buyer's obligation to consummate the transaction contemplated by this Agreement is conditioned upon: (i) Satisfaction of the Contingencies contained in Section 6; (ii) Seller's delivery of the Grant Deed to Escrow Holder, at least three business days prior to Closing and the recordation thereof in the Official Records of Los Angeles County ("Official Records"); (iii) Seller's representations, warranties and covenants shall be true and correct as of Closing; and (iv) Title Company's irrevocable commitment to issue the Title Policy. Upon non-satisfaction of any one of the above conditions, Buyer may either allow Seller an opportunity to cure, or terminate the transaction by notice to Seller of such termination; or enforce the requirements of this Agreement as to the condition of title. If this transaction is terminated as set forth herein, neither of the parties thereafter shall have any liability to the other except as expressly provided for in this Agreement. If Buyer does not object to Seller's non-satisfaction of said conditions, they shall be deemed satisfied as of the Closing.
- 9.02 Seller's obligation to consummate the transaction contemplated by this Agreement is conditioned upon: (i) the Board of Supervisors adopting its Resolution of Notice Intention to Purchase the Property; (ii) the Board of Supervisors approving the purchase of the Property and this Agreement; and (iii) Buyer's deposit of the Purchase Price into Escrow no later than ten (10) business days after approval of the purchase and sale by the Board of Supervisors. After non-satisfaction by Buyer of one of the above conditions, Seller may either waive the time limitation set forth therein or terminate the transaction by notice to Buyer of such termination. If this transaction is terminated as set forth herein, neither of the parties thereafter shall have any liability to the other except as expressly provided for in this Agreement. If Seller does not object to Buyer's non-satisfaction of said conditions, they shall be deemed satisfied as of the Closing.
- 9.03 Closing. For the purposes of this Agreement, the "Closing" shall be defined as the recordation of the Grant Deed in the Official Records and the issuance of the Title Policy. The date upon which the Closing occurs is the "Closing Date". The parties agree to use their best efforts to effect the Closing by September 30, 2005. The parties may agree in writing to effect the Closing prior to the expected September 30, 2005 closing date if mutually acceptable. The Closing Date may be extended by Buyer pursuant to Section 9.01 or by Seller pursuant to Section 9.02. The parties may also agree in writing to extensions of the Closing if such extensions appear to either party to be necessary. If the Closing does not occur by said date or by any extended date, either party, who is not then in default, may cancel this Agreement by delivering written notice of such cancellation to the other party and to Escrow Holder before Closing occurs. Neither of the parties thereafter shall have any liability to the other except as

expressly provided for in this Agreement.

10. Possession. Buyer shall be entitled to the exclusive right of occupancy to the Property as of the Closing, except for those tenants who have a legal right to occupy. Any personal property remaining after the vacation of the Property by Seller will be deemed abandoned.
11. Loss by Fire or Other Casualty. Seller shall maintain fire and casualty insurance on the Property in full force until the Closing.
12. Maintenance of the Property. Between the Seller's execution of this Agreement and the Closing, Seller shall maintain the Property in good order and condition.
13. Notices. All notices or other communications required or permitted hereunder shall be in writing, and shall be personally delivered or sent by registered or certified mail, postage prepaid, return receipt requested or by Express Mail or Federal Express to the following address:

To Buyer: County of Los Angeles  
Chief Administrative Office, Real Estate Division  
222 South Hill Street, 3rd Floor  
Los Angeles, California 90012  
Attention: Carlos Brea  
Phone: (213) 974-4200 - Fax: (213) 217-4968

With a Copy to:

Office of County Counsel  
Room 648 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, California 90012  
Attention: Kathleen Felice, Senior Deputy, County Counsel

To Seller: Roy E. Adcock, General Partner  
Coffey Limited Partnership  
5705 Via Sotelo  
Riverside, California 92506-3653

With a Copy to:

Edward J. (Ted) Pauw  
Pauw & Pauw, Inc.  
3043 Tenth Street, Suite 300  
Riverside, California 92501  
Phone: (951) 684-9600 – Fax: (951) 683-8458

Notice shall be deemed given on the day delivered by a carrier as specified above. Notice of change of address shall be given by written notice in the manner detailed in this Section.

14. Brokers. Seller represents and warrants to Buyer and Buyer represents and warrants to Seller that no broker or finder has been engaged by it in connection with the transaction contemplated by this Agreement. In the event of any claims for brokers' or finders' fees or commissions in connection with the negotiation, execution or consummation of this Agreement, Buyer shall indemnify, hold harmless and defend Seller, from and against such claims if they are based upon or are alleged to be based upon any statement, representation or agreement by Buyer, and Seller shall indemnify, hold harmless and defend Buyer from and against such claims if they are based upon or are alleged to be based upon any statement, representation or agreement by Seller.
15. Seller's Representations and Warranties. In consideration of Buyer entering into this Agreement and as an inducement to Buyer to purchase the Property, Seller makes the following representations and warranties, each of which is material and is being relied upon by Buyer and the truth and accuracy of which shall constitute a condition precedent to Buyer's obligations hereunder. Each of the following representations and warranties shall be deemed to have been remade as of the Closing.
  - 15.01 Power. Subject to Section 6.03, Seller has the legal power, right and authority to enter into this Agreement and the instruments referenced herein, and to consummate the transaction contemplated hereby.
  - 15.02 Requisite Action. Subject to Section 6.03, all requisite action has been taken by Seller in connection with entering into this Agreement and the instruments referenced herein, and, by the Closing, all such necessary action will have been taken to authorize the consummation of this transaction. Subject to Section 6.03, by the Closing, no additional consent of any person or entity, judicial or administrative body, governmental authority or other party shall be required for Seller to consummate this transaction.
  - 15.03 Individual Authority. Subject to Section 6.03, the individuals executing this Agreement and the instruments referenced herein on behalf of Seller have the legal power, right and actual authority to bind Seller to the terms and conditions hereof and thereof.
  - 15.04 Validity. This Agreement and all documents required hereby to be executed by Seller are and shall be valid, legally binding obligations of and enforceable against Seller in accordance with their terms, subject only to applicable bankruptcy, insolvency, reorganization, moratorium laws or similar laws or equitable principles affecting or limiting the right of contracting parties generally.

- 15.05 Violations. Seller has no present actual knowledge of any outstanding, uncured, written notice or citation from applicable governmental authorities of violation of any applicable codes, environmental zoning and land use laws, subdivision laws, and other applicable federal, state and local laws, regulations and ordinances, including, but not limited to, those relating to environmental conditions, hazardous materials or wastes, toxic materials or wastes or other similar materials or wastes regarding the Property.
- 15.06 Litigation. Seller has no present actual knowledge of any litigation pending or threatened against Seller on any basis therefor that arises out of the ownership of the Property or that might detrimentally affect the Property or adversely affect the ability of Seller to perform its obligations under this Agreement, except the threat of condemnation by the Buyer.
- 15.07 Contamination. Seller has no knowledge of any contamination on the Property except for information detailed in a Phase I Environmental Site Assessment Report dated December 27, 2004, and the Limited Phase II Environmental Site Assessment Report dated March 3, 2005, prepared for Buyer by Converse Consultants. Seller is not aware of any other contamination on the Property.
- 15.08 WARRANTY DISCLAIMER. Except as otherwise provided in this Agreement, SELLER MAKES NO WARRANTY OF ANY NATURE WHATSOEVER, WHETHER EXPRESS, IMPLIED IN FACT, OR IMPLIED IN LAW, RELATING TO ANY MATERIAL CHARACTERISTIC, ELEMENT OR CONDITION OF THE PROPERTY, NOR ANY WARRANTY OF FITNESS FOR ANY EXISTING OR INTENDED PURPOSE, USE OR ACTIVITY; BUYER AGREES, SUBJECT TO THE EXPRESS COVENANTS, REPRESENTATIONS AND WARRANTIES SET FORTH IN THE AGREEMENT; TO PURCHASE THE PROPERTY "AS IS" AND "WITH ALL FAULTS".
16. Buyer's Representations and Warranties. In consideration of Seller entering into this Agreement and as an inducement to Seller to sell the Property, Buyer makes the following representations and warranties, each of which is material and is being relied upon by Seller and the truth and accuracy of which shall constitute a condition precedent to Seller's obligations hereunder. Each of the following representations and warranties shall be deemed to have been remade as of the Closing.
- 16.01 Power. Buyer has the legal power, right and authority to enter into this Agreement and the instruments referenced herein, and to consummate the transaction contemplated hereby.

- 16.02 Requisite Action. All requisite action has been taken by Buyer in connection with entering into this Agreement and the instruments referenced herein, and, by the Closing, all such necessary action will have been taken to authorize the consummation of this transaction. By the Closing, no additional consent of any person or entity, judicial or administrative body, governmental authority or other party shall be required for Buyer to consummate this transaction.
- 16.03 Individual Authority. The individuals executing this Agreement and the instruments referenced herein on behalf of Buyer have the legal power, right and actual authority to bind Buyer to the terms and conditions hereof and thereof.
- 16.04 Validity. This Agreement and all documents required hereby to be executed by Buyer are and shall be valid, legally binding obligations of and enforceable against Buyer in accordance with their terms, subject only to applicable bankruptcy, insolvency, reorganization, moratorium laws or similar laws or equitable principles affecting or limiting the right of contracting parties generally.
- 16.05 Environmental Contamination. Buyer is aware of the contamination disclosed in Section 15.07.
17. Inspection of the Site. Buyer has the right to enter upon the Property pursuant to the Superior Court Order, Case No. BS092532, granted October 22, 2004. The parties agree that reasonable notice prior to such entry pursuant to such order shall be 25 hours given in accordance with Section 14<sup>13</sup> hereof. ✓
18. Condition of Property. With the exception of Section 15, Buyer acknowledges that neither Seller, its agents, employees nor its other representatives have made any representations or warranties to Buyer regarding any matter relating to the Property, including but not limited to the Property's condition, fitness, environmental conditions, adequacy of design, suitability for a particular purpose, the effect of zoning and other applicable laws, regulations and governmental rulings, or the accuracy, completeness or relevance of any materials or information regarding the Property provided by Seller. Buyer agrees that Buyer is relying exclusively on Buyer's own independent investigation of all such matters.
19. Survival of Covenants. The covenants, indemnities, agreements, representations and warranties made herein are intended to survive the Closing and recordation and delivery of the Grant Deed conveying the Property to Buyer.

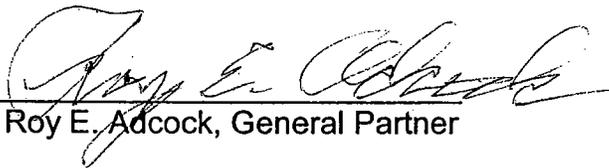
20. Required Actions of Buyer and Seller. Buyer and Seller agree to execute all such instruments and documents and to take all actions pursuant to the provisions hereof in order to consummate this transaction and shall use their best efforts to effect the Closing in accordance with the provisions hereof.
21. Assignability. Buyer may not assign, transfer or convey this Agreement to any person or entity without the prior written consent of Seller; and Buyer may designate a nominee to be vestee of the Property at the Closing by delivering to Seller and Escrow Holder at least five (5) days prior to the scheduled Closing a written notice of such designation. Any such designation shall not release Buyer from its obligations hereunder, including its obligation to pay the Purchase Price.
22. Entire Agreement. This Agreement contains the entire agreement between the parties hereto and no addition or modification of any term or provision shall be effective unless set forth in writing, signed by both Seller and Buyer.
23. California Law. This Agreement shall be construed in accordance with the laws of the State of California.
24. Waivers. No waiver by either party of any provision hereof shall be deemed a waiver of any other provision hereof or of any subsequent breach by either party of the same or any other provision.
25. Captions. The captions and the section and subsection numbers appearing in this Agreement are inserted only as a matter of convenience and in no way define, limit, construe or describe the scope or intent of such sections of this Agreement nor in any way affect this Agreement.
26. Interpretation. Unless the context of this Agreement clearly requires otherwise, (i) the plural and singular numbers shall be deemed to include the other; (ii) the masculine, feminine and neuter genders shall be deemed to include the others; (iii) "or" is not exclusive; and (iv) "includes" and "including" are not limiting.
27. Severability. This Agreement shall not be deemed severable. In the event any portion of this Agreement shall be declared by any court of competent jurisdiction to be invalid, illegal or unenforceable, this Agreement shall be void and of no further effect.
28. Delegation of Authority. Buyer delegates to its Chief Administrative Officer or his designee, the authority to issue any and all approvals required by this Agreement and to execute any and all instruments necessary to consummate this transaction.
29. Binding Effect. The provisions of this Agreement shall be binding upon the parties hereto and their respective successors-in-interest.



**IN WITNESS WHEREOF**, Buyer by order of its Board of Supervisors of the County of Los Angeles, has caused the Agreement to be subscribed by its Chair and the seal of the Board to be hereto affixed and attested by the Executive Office thereof, and Seller has caused this Agreement to be subscribed in its behalf by its duly authorized signatory the first day above written.

**Seller:**

**COFFEY LIMITED PARTNERSHIP**

By:   
Roy E. Adcock, General Partner

**Buyer:**

**COUNTY OF LOS ANGELES**

By: \_\_\_\_\_  
Chair, Board of Supervisors

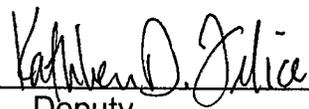
**ATTEST:**

VIOLET VARONA-LUKENS  
Executive Officer-Clerk of  
The Board of Supervisors

By: \_\_\_\_\_  
Deputy

**APPROVED AS TO FORM:**

RAYMOND G. FORTNER, JR.  
County Counsel

By:   
Deputy

## LIST OF EXHIBITS

- A. LEGAL DESCRIPTION
- B. GRANT DEED
- C. TERMINATION AGREEMENT
- D. TENANT ESTOPPEL CERTIFICATES

**EXHIBIT "A"**  
**LEGAL DESCRIPTION**

Parcel A:

Lots 1 and 2 in Block "C" of the Townsite of Crescenta Canada, in the County of Los Angeles, State of California, as per map recorded in book 5 page 575 of Miscellaneous Records, in the office of the County Recorder of said County.

Except therefrom those portions thereof, described as follows:

Parcel 1:

Those portions of said Lots 1 and 2 lying Southwesterly of a line parallel with and distant Northeasterly 50 feet, measured at right angles, from the centerline of Foothill Boulevard (formerly Michigan Avenue) 66.00 feet wide, as shown on County Surveyor's Map No. 7597, Sheet 1, on file in the office of the County Surveyor of said County.

Parcel 2:

That portion of said Lot 1, described as follows:

Beginning at the intersection of the Northeasterly line of Parcel 1 above, with the Westerly line of La Crescenta Avenue, 66 feet wide, thence Northerly along said Westerly line, 5 feet; thence Southwesterly in a direct line to a point on said Northeasterly line distant Northwesterly thereon 5.00 feet from the point of beginning; thence Southeasterly along said Northeasterly line 5.00 feet to the point of beginning

Parcel B:

Lots 3, 4 and 5 in Block "C" of the Townsite of Crescenta Canada, in the County of Los Angeles, State of California; as per map recorded in book 5 page 575 of Miscellaneous Records, in the office of the County Recorder of said County.

Except therefrom those portions of said Lots 3, 4 and 5 lying Southwesterly of a line parallel and distant Northeasterly 50.00 feet, measured at right angles, from the centerline of Foothill Boulevard (formerly Michigan Avenue) 66.00 feet wide, as shown on County Surveyor's Map No. 7597, Sheet 1, on file in the office of the County Surveyor of said County.



## EXHIBIT "A"

### LEGAL DESCRIPTION

Parcel A:

Lots 1 and 2 in Block "C" of the Townsite of Crescenta Canada, in the County of Los Angeles, State of California, as per map recorded in book 5 page 575 of Miscellaneous Records, in the office of the County Recorder of said County.

Except therefrom those portions thereof, described as follows:

Parcel 1:

Those portions of said Lots 1 and 2 lying Southwesterly of a line parallel with and distant Northeasterly 50 feet, measured at right angles, from the centerline of Foothill Boulevard (formerly Michigan Avenue) 66.00 feet wide, as shown on County Surveyor's Map No. 7597, Sheet 1, on file in the office of the County Surveyor of said County.

Parcel 2:

That portion of said Lot 1, described as follows:

Beginning at the intersection of the Northeasterly line of Parcel 1 above, with the Westerly line of La Crescenta Avenue, 66 feet wide, thence Northerly along said Westerly line, 5 feet; thence Southwesterly in a direct line to a point on said Northeasterly line distant Northwesterly thereon 5.00 feet from the point of beginning; thence Southeasterly along said Northeasterly line 5.00 feet to the point of beginning

Parcel B:

Lots 3, 4 and 5 in Block "C" of the Townsite of Crescenta Canada, in the County of Los Angeles, State of California, as per map recorded in book 5 page 575 of Miscellaneous Records, in the office of the County Recorder of said County.

Except therefrom those portions of said Lots 3, 4 and 5 lying Southwesterly of a line parallel and distant Northeasterly 50.00 feet, measured at right angles, from the centerline of Foothill Boulevard (formerly Michigan Avenue) 66.00 feet wide, as shown on County Surveyor's Map No. 7597, Sheet 1, on file in the office of the County Surveyor of said County.

## EXHIBIT "C"

### Termination Agreement and General Release of Liability

THIS TERMINATION AGREEMENT AND GENERAL RELEASE OF LIABILITY is made on this \_\_\_ day of \_\_\_\_\_, 2005, by and between LIFE SERVICES, INC., Conservator of the Estate of MOLLAE PAOLA, Superior Court of California, County of Los Angeles, Case No. EP 006 128 (hereinafter referred to as "Lessee") and COFFEY LIMITED PARTNERSHIP, a California Limited Partnership, (hereinafter referred to as "Lessor"), with respect to the following facts:

Whereas, Lessee is leasing from Lessor pursuant to various leases, and amendments thereto, real property commonly known as 2801-2813 Foothill Blvd., La Crescenta, CA, consisting of Los Angeles County Assessor parcel nos. 5803-11-2, 5803-11-3, 5803-11-4, and 5803-11-5 (hereafter collectively referred as "the Property"); and

Whereas, Lessor is the successor in interest in the Property of the original lessors, W.O. WILLIAMSON and SOPHIE WILLIAMSON; and

Whereas, Lessee, as Conservator of the Estate of MOLLAE PAOLA in the State of California, is the successor in interest of the original lessee, PETER R. PAOLA, in the Property; and

Whereas, the leasehold interests of Lessee in the Property

is set to expire on April 30, 2007 pursuant to existing leases and amendments thereto; and

Whereas, There are three subleases on the Property of which Lessee is a party. There is an outdoor sign located on Parcel 2. Viacom Outdoor, Inc. is the sublessee of this sign. It is paying \$416.67 per month. The tenancy is month-to-month. Bruce's Automotive rents space on the Property also having a month-to-month tenancy. He is paying \$2,400.00 per month. Lessee entered into a sublease with Newtiques, Inc. on February 22, 2005. Newtiques, Inc. is paying \$2,500.00 per month. It expires on April 30, 2007. There are no other subtenancies existing on the Property of which Lessee is a party.

Whereas, Lessor and Lessee desire to terminate, for consideration, Lessee's leasehold interests in the Property, subject to existing sub-tenancies, and desire to herein document their understanding and agreement,

Now therefore, the parties agree as follows:

1. Lessee consents to the sale of the Property to the County of Los Angeles, and surrenders Lessee's rights of first refusal to purchase the Property.

2. There is no security deposit provided for in any Lease or Amendment thereto between the parties that may exist regarding the Property, and Lessee provided no security deposit to Lessor at any time for any such Lease or Amendment thereto.

3. The parties acknowledge that this transaction is subject to the approval of the Superior Court of California in the above-referenced probate case. After obtaining the approval of the Superior Court, as described below, Lessee shall surrender its leasehold interests in the Property upon the receipt of the consideration described below from Lessor, payable in the form of a bank cashier's check payable to the Conservatorship of Mollae Paola. The surrender of Lessee's leasehold interests shall be evidenced by the execution of this Agreement.

4. The consideration for the surrender of Lessee's leasehold interests in the Property shall be as follows, based on the date of Lessee's surrender:

\$57,717.82 less the per diem sum of \$100.38 for every day past September 30, 2005 until the surrender occurs. For example, if the execution and delivery of this Agreement occurs on October 20, 2005, then the consideration due from Lessor shall be \$55,710.22 [\$57,717.82 less \$2,007.60 (20 days X \$100.38 per day)].

Rent shall be prorated to the date of the execution of this Agreement.

5. Lessee acknowledges that the consideration paid pursuant to this Agreement represents full satisfaction of all claims, benefits, and compensation arising from or related to any and all interests of the Lessee, its successor and assigns, in any Lease

or Amendment thereto between the parties that may exist regarding the Property, subject to this Agreement, and in the Property being sold pursuant to the Agreement of Purchase and Sale of Real Property ("Sale Agreement") with the County of Los Angeles ("Buyer"), including any amount due upon or arising from the sale of the Property to Buyer in the Sale Agreement or pursuant to eminent domain law, the Relocation Assistance Act of the State of California or claims for inverse condemnation.

6. Upon receiving the written signed Court Order approving this contemplated transaction, Lessor and Lessee shall promptly execute this Agreement, and Lessor shall concurrently deliver to Lessee the consideration above-described.

7. Lessor and Lessee on behalf of themselves and their respective heirs, executors, administrators, and assigns, hereby fully release and discharge the other and their respective successors in interest from, and relinquish all rights, claims, and actions that they now have or may have after the execution of this Agreement against the other party and their respective successors in interest, arising out of any Lease or Amendment thereto between the parties that may exist regarding the Property.

8. UNKNOWN CLAIMS.

(a) Lessor and Lessee acknowledge and agree that this release applies to all claims for damages or losses to their respective businesses and property that they may have

against the other, and Lessor and Lessee hereby waive application of Civil Code Section 1542.

(b) Lessor and Lessee certify that they are familiar with and have read the following provisions of the Civil Code Section 1542:

"A general release does not extend to claims which the creditor does not know or suspect to exist in his favor at the time of executing the release, which if known by him must have materially affected his settlement with the debtor."

and indicate that fact by signing their initials here:

Lessor \_\_\_\_\_ Lessee \_\_\_\_\_

(c) Lessor and Lessee understand and acknowledge that in consequence of this waiver of Civil Code Section 1542, even if they should eventually suffer additional damages arising out of the facts referred to in this Paragraph (8), they will not be able to make any claim for those damages. Furthermore, Lessor and Lessee acknowledge that they intend to forfeit their rights even as to claims for damages that may exist as of the date of this release but that Lessor and Lessee do not know exist and that, if known, would materially affect Lessor's and Lessee's decision to execute this release, regardless of whether their lack of knowledge is the result of ignorance, oversight, error, negligence, or any other cause.

(d) Lessor and Lessee expressly agree that this release shall operate to release, relinquish, and discharge their respective insurers from any liability for acts taken in connection with the processing and settlement of claims described in this Paragraph (8), including but not limited to any acts denominated as unfair claims settlement practices under the California Insurance Code.

9. The parties acknowledge the existence of a Lease dated February 22, 2005 with Newtiques Inc., granting a leasehold interest in a portion of the Property, copy of which lease document is attached hereto as an Exhibit. Lessor has reviewed

that lease document and investigated to its satisfaction the existence and enforceability of any leasehold interest created thereby, and agrees to proceed in this transaction based on that knowledge and investigation. Lessee makes no representations regarding this matter, other than appearing in this Agreement, and will have no responsibility after the consummation of this transaction with regard to the existence and enforceability of any leasehold interests created thereby. The surrender of Lessee's leasehold interests in the Property is subject to any rights that may remain enforceable by any other person or entity.

10. All parties hereto agree that each will execute and deliver to the other any and all documents in addition to those expressly provided for herein that may be necessary or appropriate to effectuate the intent and provisions of this Agreement.

11. This Agreement and writing contain the entire agreement between the parties hereto. This Agreement supersedes in its entirety any and all prior oral and/or written offers, counter offers, negotiations and/or agreements relating to this termination of lease agreement and general release of liability. No modifications of this Agreement shall be made or entered into except by means of a writing signed by the parties hereto. Lessor and Lessee warrant and represent that in executing this release, they have relied on their own separate legal advice from

attorneys licenses to practice in the State of California.

12. This Agreement shall be governed and construed in accordance with the laws of the State of California.

13. This Agreement shall be binding on and inure to the benefit of the parties hereto and their respective successors, assigns, heirs, executors, and personal representatives of the parties.

14. This Agreement and all amendments and supplements thereto may be executed in one or more counterparts, each of which shall be deemed an original, and all counterparts together shall be construed as one document.

15. As used in this Agreement, the masculine, feminine, or neuter gender, and the singular or plural number shall each be deemed to refer to the others whenever the context so indicates.

16. Each party acknowledges and represents that they have been apprised of all relevant information, data, and all other information relevant to any claim they may have and to this release, including without limitation to future risks, complications and costs. Each party does hereby expressly acknowledge that they have carefully read this Agreement and that they are completely familiar with and understand each and every provision hereof, that this Agreement is fair and just in all of its particulars, and the parties do enter into, execute and accept this Agreement of their own individual free and voluntary

will, without reliance upon any statements, representations, promises, covenants or inducements made by the other, or any of their representatives, except as are incorporated in and form a part of this Agreement.

17. Lessor acknowledges that it has knowledge as to the legal description, property boundary lines, and other physical elements of the Property, and that it requires no further survey, description, or assurance from Lessee with respect to the identity and extent of the Property. Lessee makes no representations as to the legal description, property boundary lines, and other physical elements of the Property. Lessee hereby simply surrenders any and all leasehold interests it may possess in the Property, without warranting or representing anything further with regard to the nature, extent, boundaries, use, or permitted use, of the Property.

18. Lessor has reviewed the matter of the sub-tenancies now existing at the Property, and accepts the surrender of Lessee's leasehold interests in the Property subject to the rights of all such sub-tenants. Lessor has had the opportunity to inquire and request from Lessee all information and data it determines pertinent to such sub-tenancies, and requires no further investigation therein or analysis thereof.

19. The hereafter appearing signatories for both Lessee and Lessor warrant that he possesses the requisite authority to bind

their respective entity, and in the case of Lessor, that the General Partner signing below possesses the authority under the applicable Agreement of Limited Partnership to enter into this Agreement and bind said Limited Partnership hereby.

20. Lessor and Lessee and their respective advisors believe that this Agreement is the product of all of their efforts, that it expresses their Agreement and that it should not be interpreted in favor of or against either Lessor or Lessee. The parties further agree that this Agreement will be construed to effectuate the normal and reasonable expectations of a sophisticated Lessor and Lessee.

21. Lessor and Lessee acknowledge and warrant that their execution of this release is free and voluntary.

22. Each party represents and warrants that he, she or it has not transferred or otherwise assigned, either by contract or operation of law, any of the claims released under this Agreement. To the extent that any such claims have been assigned or transferred, or are subsequently deemed to have been assigned or transferred, the party which has made such assignment or transfer hereby agrees to defend, indemnify and hold the other party harmless from and against any and all claims that might be asserted against the others by reason of any such assignment or transfer.

23. In the event of any dispute arising out of or in

connection with this Agreement or the subject matter hereof, the prevailing party shall be entitled to reasonable attorneys' fees and costs (including without limitation any such fees and costs incurred in connection with any and all appeals). In the absence of any dispute, the parties will pay their own attorney's fees.

In Witness Whereof, the parties execute this Agreement on the date first written above.

Lessee:

Lessor:

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LIFE SERVICES, INC.  
by: John E. Hubbard  
its: President

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COFFEY LIMITED PARTNERSHIP  
by: Roy E. Adcock  
its: General Partner

EXHIBIT D

TENANT ESTOPPEL CERTIFICATE

To: County of Los Angeles  
222 South Hill Street, 3<sup>rd</sup> Floor  
Los Angeles, CA 90012  
Attn: Chris Montana

Re: Date of Certificate:	<u>February 22, 2005</u>
Lease Dated:	<u>Mollae Paola</u>
Current Landlord:	<u>2813 Foothill Boulevard,</u>
Located at:	<u>La Crescenta, CA 91214</u>
Premises:	<u>Newtiques Inc.</u>
Commencement Date of Term:	<u>March 1, 2005</u>
Expiration Date:	<u>April 30, 2007</u>
Current Rent:	<u>\$2,500/per month</u>
Security Deposit:	<u>\$2,500</u>

NEWTIQUES INC. ("Tenant") hereby certifies that as of the date hereof:

1. Tenant is the present owner and holder of the tenant's interest under the lease described above, as it may be amended to date (the "Lease"). The Lease covers the premises described above (the "Premises") at the address set forth above.

2. (a) A true, correct and complete copy of the Lease (including all modifications, amendments, supplements, side letters, addenda and riders of and to it ) is attached to this Certificate as Exhibit A.

(b) The current Rent is set forth above.

(c) The term of the Lease commenced on the Commencement Date set forth above and will expire on the Expiration Date set forth above, including any presently exercised option or renewal term. Tenant has no option or right to renew, extend or cancel the Lease, or to lease additional space in the Premises, or to use any parking other than that specified in the Lease.

(d) Except as specified in the Lease, Tenant has no option or preferential right to purchase all or any part of the Premises (or the land of which the Premises are a part).

(e) Tenant has made no agreement with Landlord or any agent, representative or employee of Landlord concerning fee rent, partial rent, rebate of rental payments or any other similar rent concession except as expressly set for in the Lease.

3. (a) The Lease constitutes the entire agreement between Tenant and Landlord with respect to the Premises, has not been modified changed, altered or amended and is in full force and effect. There are no other agreements, written or oral, which affect Tenant's occupancy of the Premises.

(b) To the knowledge of Tenant, Tenant has not given Landlord written notice of a material default under the Lease which has not been cured.

(c) The interest of Tenant in the Lease has not been assigned or encumbered. Tenant is not entitled to any credit against any rent or other charge or rent concession under the Lease except as set forth in the Lease. No rental payments have been made more than one month in advance.

4. All contribution required to be paid by Landlord to date for improvements to the Premises have been paid in full and all of Landlord's obligations with respect to tenant improvements have been fully performed.

IN WITNESS WHEREOF, the Tenant has executed this Tenant Estoppel Certificate as of the day set forth above.

NEWTIQUES INC.

By: \_\_\_\_\_

Name: Mike Stowell

Title: \_\_\_\_\_

EXHIBIT D

TENANT ESTOPPEL CERTIFICATE

To: County of Los Angeles  
222 South Hill Street, 3<sup>rd</sup> Floor  
Los Angeles, CA 90012  
Attn: Chris Montana

Re: Date of Certificate: \_\_\_\_\_  
Lease Dated: \_\_\_\_\_  
Current Landlord: Mollae Paola  
Located at: 2801 Foothill Boulevard,  
La Crescenta, CA 91214  
Premises: Bruce's Automotive  
Commencement Date of Term: \_\_\_\_\_  
Expiration Date: \_\_\_\_\_  
Current Rent: \_\_\_\_\_  
Security Deposit: \_\_\_\_\_

Bruce's Automotive ("Tenant") hereby certifies that as of the date hereof:

1. Tenant is the present owner and holder of the tenant's interest under the lease described above, as it may be amended to date (the "Lease"). The Lease covers the premises described above (the "Premises") in the building (the "Building") at the address set forth above.

2. (a) A true, correct and complete copy of the Lease (including all modifications, amendments, supplements, side letters, addenda and riders of and to it ) is attached to this Certificate as Exhibit A.

(b) The current Rent is set forth above.

(c) The term of the Lease commenced on the Commencement Date set forth above and will expire on the Expiration Date set forth above, including any presently exercised option or renewal term. Tenant has no option or right to renew, extend or cancel the Lease, or to lease additional space in the Premises or Building, or to use any parking other than that specified in the Lease.

(d) Except as specified in the Lease, Tenant has no option or preferential right to purchase all or any part of the Premises (or the land of which the Premises are a part).

(e) Tenant has made no agreement with Landlord or any agent, representative or employee of Landlord concerning fee rent, partial rent, rebate of rental payments or any other similar rent concession except as expressly set for in the Lease.

3. (a) The Lease constitutes the entire agreement between Tenant and Landlord with respect to the Premises, has not been modified changed, altered or amended and is in full force and effect. There are no other agreements, written or oral, which affect Tenant's occupancy of the Premises.

(b) To the knowledge of Tenant, Tenant has not given Landlord written notice of a material default under the Lease which has not been cured.

(c) The interest of Tenant in the Lease has not been assigned or encumbered. Tenant is not entitled to any credit against any rent or other charge or rent concession under the Lease except as set forth in the Lease. No rental payments have been made more than one month in advance.

4. All contribution required to be paid by Landlord to date for improvements to the Premises have been paid in full and all of Landlord's obligations with respect to tenant improvements have been fully performed.

IN WITNESS WHEREOF, the Tenant has executed this Tenant Estoppel Certificate as of the day set forth above.

BRUCE'S AUTOMOTIVE

By: \_\_\_\_\_

Name: Bruce Bartels

Title: \_\_\_\_\_

**EXHIBIT D**

**TENANT ESTOPPEL CERTIFICATE**

To: County of Los Angeles  
222 South Hill Street, 3<sup>rd</sup> Floor  
Los Angeles, CA 90012  
Attn: Chris Montana

Re: Date of Certificate: \_\_\_\_\_  
Lease Dated: \_\_\_\_\_  
Current Landlord: Mollae Paola  
Located at: 2801 Foothill Boulevard,  
La Crescenta, CA 91214  
Premises: Billboard Sign  
Commencement Date of Term: \_\_\_\_\_  
Expiration Date: \_\_\_\_\_  
Current Rent: \_\_\_\_\_  
Security Deposit: \_\_\_\_\_

VIACOM ("Tenant") hereby certifies that as of the date hereof:

1. Tenant is the present owner and holder of the tenant's interest under the lease described above, as it may be amended to date (the "Lease"). The Lease covers the premises described above (the "Premises") in Viacom Outdoor Inc.'s billboard sign (the "Billboard") at the address set forth above.

2. (a) A true, correct and complete copy of the Lease (including all modifications, amendments, supplements, side letters, addenda and riders of and to it ) is attached to this Certificate as Exhibit A.

(b) The current Rent is set forth above.

(c) The term of the Lease commenced on the Commencement Date set forth above and will expire on the Expiration Date set forth above, including any presently exercised option or renewal term. Tenant has no option or right to renew, extend or cancel the Lease, or to lease additional space in the Premises, or to use any parking other than that specified in the Lease.

(d) Except as specified in the Lease, Tenant has no option or preferential right to purchase all or any part of the Premises (or the land of which the Premises are a part).

(e) Tenant has made no agreement with Landlord or any agent, representative or employee of Landlord concerning fee rent, partial rent, rebate of rental payments or any other similar rent concession except as expressly set for in the Lease.

3. (a) The Lease constitutes the entire agreement between Tenant and Landlord with respect to the Premises, has not been modified changed, altered or amended and is in full force and effect. There are no other agreements, written or oral, which affect Tenant's occupancy of the Premises.

(b) To the knowledge of Tenant, Tenant has not given Landlord written notice of a material default under the Lease which has not been cured.

(c) The interest of Tenant in the Lease has not been assigned or encumbered. Tenant is not entitled to any credit against any rent or other charge or rent concession under the Lease except as set forth in the Lease. No rental payments have been made more than one month in advance.

4. All contribution required to be paid by Landlord to date for improvements to the Premises have been paid in full and all of Landlord's obligations with respect to tenant improvements have been fully performed.

IN WITNESS WHEREOF, the Tenant has executed this Tenant Estoppel Certificate as of the day set forth above.

VIACOM OUTDOOR INC.

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_