

# **INFORMATION HANDOUT**

**For Contract No. 07-274804**

**At 07-LA-18-0.2**

**Identified by**

**Project ID 0700000516**

## **RAILROAD RELATIONS**

Railroad Agreement

## **MATERIALS INFORMATION**

Asbestos Survey Report

## Memorandum

*Flex your power!  
Be energy efficient!*

To: GREGG FARR  
OFFICE CHIEF  
OFFICE OF OFFICE ENGINEER

Date: May 7<sup>th</sup>, 2014

File: la 18-P.M: 0.2  
Project: Bridge Repair  
EA: 274804  
ID No. 0700000516

From: **ROBERT ENRIQUEZ**  
SENIOR RIGHT OF WAY AGENT  
RAILROAD COORDINATOR

Subject: Plans for the above referenced project have been reviewed and it has been determined that there is railroad involvement and the project does require coordination with the railroad(s) identified within the project limits at the following location.

LA 10 PM 0.2 County Line Overhead Bridge No. 53-2331, UPRR

Prior to construction work the Contractor is to execute the Contractors Endorsement under the Right Of Entry Agreement No., 2816-77 and submit the \$500.00 contractor fee and insurance requirements to UPRR as outlined within the Right of Entry.

Railroad flagging is to be provided by UPRR at the sole expense of the State pursuant to the terms and condition of the Right of Entry (Folder No. 2816-77) and the Service Contract No. 07R307 for Flagging (80 days)

There is work within the railroad right of way and all work OVER or WITHIN 25 feet of the tracks require the contractor to coordinate with UPRR for flagmen during the project at the above described location.

Caltrans Standard Special Provisions 2010 (SSP 2010) Section 5 required to protect railroad facilities. Said section is attached for insertion in the contract special provisions. There is flagging work by the railroad and the project does require Railroad Protective Liability Insurance.

The District Railroad Agent has updated the District status upon completion of this clearance memorandum.

Thank You in advance for your cooperation.

# MEMORANDUM

To: **DAN MURDOCH**  
R/W Appraisals and Planning & Management

Date: May 7, 2014

File: 07-LA-18-PM 0.2

Project ID: 0700000516

EA: 274804

Project: Replace Bridge Deck and Reinforce Columns

From: **ROBERT ENRIQUEZ**, Sr. R/W Agent.  
Railroad Coordinator

Subject: STATUS OF AFFECTED RAILROAD OPERATING FACILITIES

A. No railroad operating facilities are affected ( )  
(or)

**RAILROAD INVOLVEMENT**

Right of Entry ( X )

Service Contract ( X )

B. Clearance letter has been received from Office of Structures. This project is now satisfactory for advertising insofar as the \_\_\_\_\_ Railroad is concerned. ( )

(or)

C. Clearance letter has been prepared by District R/W Railroad Coordinator. This project is now satisfactory for advertising insofar as to UPRR & CPUC Railroad is concerned. ( X )

(or)

D. Clearance letter has not been received from the Office of Structures. (Explain the RR involvement, Service Contract, clauses in Special Provisions, etc. with name of RR involved). This certification is subject to the clearance letter from the Office of Structures. ( )

(or)

E. This project is now satisfactory for advertising insofar as the \_\_\_\_\_ Railroad is concerned. This certification is subject to the clearance letter from the Right of Way Railroad Coordinator. ( )

*Lowell W. Anderson* for Robert Enriquez  
R/W Acquisition – Railroad Agent Date May 7, 2014

# ASBESTOS SURVEY REPORT



County Line Overhead  
LA-18 Post Mile 0.19  
Los Angeles County, California

RECEIVED  
MAR 16 2012  
BY: \_\_\_\_\_

**PREPARED FOR:**

CALIFORNIA DEPARTMENT OF TRANSPORTATION – DISTRICT 7  
ENVIRONMENTAL ENGINEERING & CORRIDOR STUDIES  
100 SOUTH MAIN STREET, SUITE 12-274  
LOS ANGELES, CALIFORNIA 90012



**PREPARED BY:**

GEOCON CONSULTANTS, INC.  
3303 NORTH SAN FERNANDO BOULEVARD, SUITE 100  
BURBANK, CALIFORNIA 91504



GEOCON PROJECT NO. S9475-06-16  
CONTRACT NO. 07A2729  
EA NO. 07-274801

MARCH 2012

# GEOCON

CONSULTANTS, INC.

G E O T E C H N I C A L ■ E N V I R O N M E N T A L ■ M A T E R I A L S



Project No. S9475-06-16  
March 13, 2012

Ms. Upa Patel  
Caltrans – District 7  
Environmental Engineering & Corridor Studies  
100 South Main Street, #12-274  
Los Angeles, CA 90012

Subject: ASBESTOS SURVEY REPORT  
COUNTY LINE OVERHEAD  
LA-18, POST MILE 0.19  
LOS ANGELES COUNTY, CALIFORNIA  
CONTRACT NO. 07A2729, EA NO. 07-274801

Dear Ms. Patel:

In accordance with California Department of Transportation (Caltrans) Contract No. 07A2729 (EA No. 07-274801), we have performed an asbestos survey of the project location in Los Angeles County, California. The scope of services included surveying the bridge structure within the project limits for suspect asbestos-containing materials, collecting bulk samples, and submitting the samples to a laboratory for analysis.

The accompanying report summarizes the services performed and laboratory analysis.

*The contents of this report reflect the views of Geocon Consultants, Inc., who are responsible for the facts and accuracy of the data presented herein. The contents do not necessarily reflect the official views or policies of the State of California or the Federal Highway Administration. This report does not constitute a standard, specification, or regulation.*

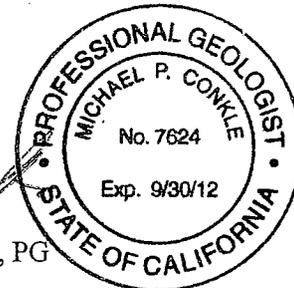
Please contact us if you have questions concerning the contents of this report or if we may be of further service.

Sincerely,

GEOCON CONSULTANTS, INC.

Chris Giuntoli, CAC  
Senior Project Scientist

Michael P. Conkle, PG  
Senior Geologist



(6) Addressee

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1. Summary of Asbestos Analytical Results

### APPENDIX

- A. Analytical Laboratory Report and Chain-of-custody Documentation

## EXECUTIVE SUMMARY

This asbestos survey report was prepared for the County Line Overhead (OH) bridge structure located on LA-18 at Post Mile 0.19 in Los Angeles County, California. We performed asbestos survey activities at the County Line OH (Bridge 53-2331). The project location is depicted on the Vicinity Map, Figure 1, and Site Plan, Figure 2. Caltrans has requested an investigation at the project location to provide data regarding the presence of asbestos prior to bridge improvement activities.

This report documents the investigation sampling methods and laboratory analytical data. The primary objective of our survey was to determine and quantify asbestos at the project location prior to bridge improvement activities. The information obtained from this investigation will be used by Caltrans to coordinate proposed activities, determine appropriate abatement/disposal costs, and identify health and safety concerns during improvements.

The field investigation was performed on February 21, 2012. The following field activities were performed during asbestos sampling effort:

- Collected 12 bulk suspect asbestos samples; and
- Transported samples to a Caltrans-approved, California-certified environmental laboratory.

Samples were collected from locations shown on the Site Plan (Figure 2). Suspect asbestos group sample identification numbers are presented in Table 1. Materials represented by the samples collected are presented in the Site Photographs.

Bulk suspect asbestos samples were collected after first wetting friable materials with a light mist of water. The samples were then cut from the substrate and transferred to labeled containers and sealed. Four suspect materials were identified during the survey (see Table 1). Sampling locations were distributed throughout the homogeneous areas (spaces where the material was observed).

We relinquished bulk samples for asbestos analysis using standard chain-of-custody documentation. Asbestos content was determined using U.S. Environmental Protection Agency Test Method 600/R-93/116 for polarized light microscopy. We requested laboratory analysis to be within a 5-day turnaround time.

No asbestos was detected in samples of the suspect materials collected during our survey. A summary of the analytical laboratory test results for asbestos is presented in Table 1. Reproductions of the laboratory report and chain-of-custody documentation are presented in Appendix A.

We provide the following conclusions and recommendation based on the results of our investigation.

Since no asbestos was detected in samples collected during our survey, the Cal/OSHA asbestos standard does not apply for planned activities. In addition, demolition debris would not be considered a California hazardous waste based on asbestos content. However, in accordance with South Coast Air Quality Management District Rule 1403, written notification to the District is required ten working days prior to commencement of *any* demolition activity (whether asbestos is present or not).

# ASBESTOS SURVEY REPORT

## 1.0 INTRODUCTION

This asbestos survey report was prepared by Geocon Consultants, Inc. under Caltrans Contract No. 07A2729, EA No. 07-274801.

### 1.1 Project Description

The County Line Overhead (OH) bridge structure is located on LA-18 at Post Mile (PM) 0.19 in Los Angeles County, California. We performed asbestos survey activities at the County Line OH (Bridge 53-2331) within the project limits.

The project location is depicted on the Vicinity Map, Figure 1, and the Site Plan, Figure 2.

### 1.2 General Objectives

The primary purpose of the scope of services was to determine the presence and quantity of asbestos containing materials at the project location prior to bridge structure improvement activities. The information obtained from this investigation will be used by Caltrans for waste profiling, determining California Occupational Safety and Health Administration (Cal/OSHA) applicability, and coordinating asbestos disturbance activities.

## 2.0 BACKGROUND

### 2.1 Asbestos

The *Code of Federal Regulations (CFR)*, 40 CFR 61, Subpart M, National Emissions Standards for Hazardous Air Pollutants (NESHAP) and Federal Occupational Safety and Health Administration (FED OSHA) classify asbestos-containing material (ACM) as any material or product that contains *greater than 1%* asbestos. Nonfriable ACM is classified by NESHAP as either Category I or Category II material defined as follows:

- **Category I** – asbestos-containing packings, gaskets, resilient floor coverings, and asphalt roofing products.
- **Category II** – all remaining types of nonfriable asbestos-containing material not included in Category I that when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

Regulated asbestos-containing material (RACM), a hazardous waste when friable, is classified as any manufactured material that contains *greater than 1%* asbestos by dry weight *and* is:

- Friable (can be crumbled, pulverized, or reduced to powder by hand pressure); or

- Category I material that has become friable; or
- Category I material that has been subjected to sanding grinding, cutting or abrading; or
- Category II nonfriable material that has a high probability of becoming crumbled, pulverized, or reduced to a powder during demolition or renovation activities.

The South Coast Air Quality Management District (SCAQMD) Rule 1403, classifies ACM as any material or product that contains *more than* 1% asbestos. Nonfriable ACM is classified by the SCAQMD as either a Class I or Class II material, defined as follows:

- **Class I** – ACM that, when dry can be broken, crumbled, pulverized, or reduced to powder in the course of demolition or renovation activities. These materials include, but are not limited to, fractured or crushed asbestos cement products, mastic, roofing felts, roofing tiles, cement water pipes, and resilient floor coverings.
- **Class II** – all other ACM that is neither friable nor Class I nonfriable material.

Activities that disturb materials containing *any* amount of asbestos are subject to certain requirements of the Cal/OSHA asbestos standard contained in Title 8, CCR Section 1529. Typically, removal or disturbance of more than 100 square feet of material containing more than 0.1% asbestos must be performed by a registered asbestos abatement contractor, but associated waste labeling is not required if the material contains 1% or less asbestos. When the asbestos content of a material exceeds 1%, virtually all requirements of the standard become effective.

Materials containing greater than 1% asbestos are also subject to NESHAP regulations (40 CFR Part 61, Subpart M). RACM (friable ACM and nonfriable ACM that will become friable during demolition operations) must be removed from structures prior to demolition. Certain nonfriable ACM and materials containing 1% or less asbestos may remain in structures during demolition; however, there are waste handling/disposal issues and Cal/OSHA work requirements that must be addressed. Contractors are responsible for segregating and characterizing waste streams prior to disposal.

With respect to potential worker exposure, notification, and registration requirements, Cal/OSHA defines asbestos-containing construction material (ACCM) as construction material that contains greater than 0.1% asbestos (Title 8, CCR 341.6).

## 2.2 Architectural Drawings and Previous Survey Activities

Architectural drawings or copies of previous asbestos survey reports for the project were not available for our review.

### 3.0 SCOPE OF SERVICES

Mr. Chris Giuntoli, a California-Certified Asbestos Consultant (CAC), certification No. 02-3163 (expiration June 19, 2012) performed the asbestos survey at the project location on February 21, 2012. Suspect ACM were grouped into homogeneous areas with representative samples randomly collected from each. In addition, each potential ACM was evaluated for friability. A total of 12 bulk asbestos samples representing 4 material types were collected.

Our procedures for inspection and sampling in accordance with our scope of services are discussed below:

- Collected bulk asbestos samples after first wetting suspect material with a light mist of water. The samples were then cut from the substrate and transferred to a labeled container. Note that when multiple samples were collected, the sampling locations were distributed throughout the homogeneous area (spaces where the material was observed).
- Relinquished bulk asbestos samples under chain-of-custody protocol to Advanced Technology Laboratories (ATL), a California-licensed and Caltrans-approved subcontractor, for asbestos analysis in accordance with United States Environmental Protection Agency (EPA) Test Method 600/R-93/116 using polarized light microscopy (PLM). The samples were analyzed by a laboratory accredited by the National Institute of Standards and Technology National Voluntary Laboratory Accreditation Program (NIST-NVLAP) for bulk asbestos fiber analysis. The laboratory analysis was requested on a 5-day turnaround time.

Sample group identification numbers, material descriptions, approximate quantities, friability assessments, and photo references are summarized in Table 1. Approximate sample locations are presented on Figure 2. Materials represented by the samples collected are shown in the attached photographs.

#### 4.0 INVESTIGATIVE RESULTS

No asbestos was detected in samples of the suspect materials collected during our survey. A summary of the analytical laboratory test results for asbestos is presented in Table 1. Reproductions of the laboratory report and chain-of-custody documentation are presented in Appendix A.

## 5.0 RECOMMENDATIONS

Since no asbestos was detected in samples collected during our survey, the Cal/OSHA asbestos standard does not apply for planned activities. In addition, demolition debris would not be considered a California hazardous waste based on asbestos content. However, in accordance with SCAQMD Rule 1403, written notification to the District is required ten working days prior to commencement of *any* demolition activity (whether asbestos is present or not).

## 6.0 REPORT LIMITATIONS

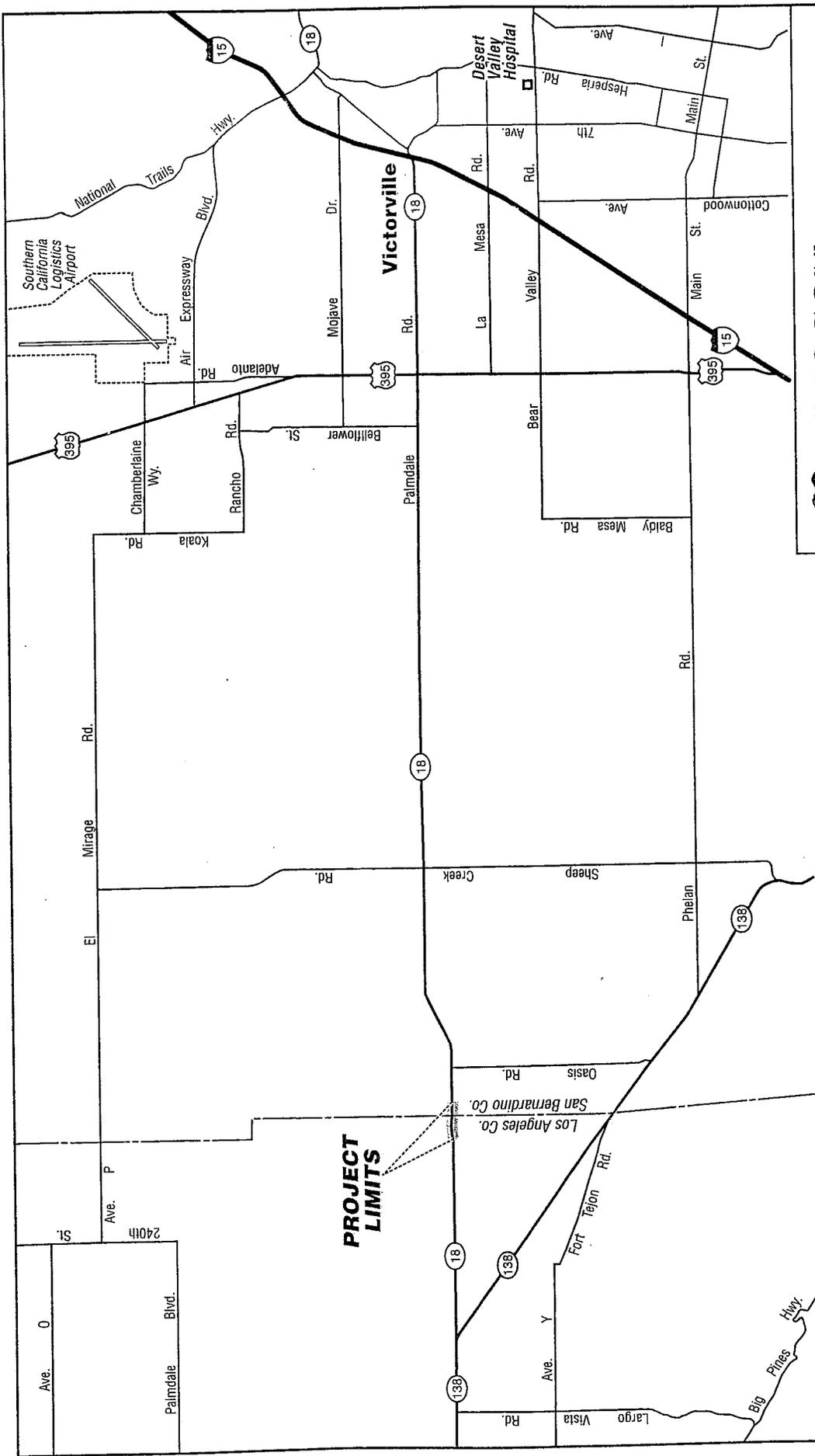
This asbestos survey was conducted in conformance with generally accepted standards of practice for identifying and evaluating asbestos in structures. The survey addressed only the structures identified in Section 1.1. Due to the nature of structure surveys, asbestos use, and laboratory analytical limitations, some ACM at the project location may not have been identified. Spaces such as cavities, voids, crawlspaces, and pipe chases may have been concealed to our investigator. Previous renovation work may have concealed or covered spaces or materials or may have partially demolished materials and left debris in inaccessible areas. Additionally, renovation activities may have partially replaced ACM with indistinguishable non-ACM. Asbestos may exist in areas of the structures that were not accessible or sampled.

During renovation or demolition operations, suspect materials may be uncovered which are different from those accessible for sampling during this assessment. Personnel in charge of renovation/demolition should be alerted to note materials uncovered during such activities that differ substantially from those included in this or previous assessment reports. If suspect ACM is found, additional sampling and analysis should be performed to determine if the materials contain asbestos.

This report has been prepared exclusively for Caltrans. The information contained herein is only valid as of the date of the report and will require an update to reflect additional information obtained.

This report is not a comprehensive site characterization and should not be construed as such. The findings as presented in this report are predicated on the results of the limited sampling and laboratory testing performed. In addition, the information obtained is not intended to address potential impacts related to sources other than those specified herein. Therefore, the report should be deemed conclusive with respect to only the information obtained. We make no warranty, express or implied, with respect to the content of this report or any subsequent reports, correspondence or consultation. Geocon strived to perform the services summarized herein in accordance with the local standard of care in the geographic region at the time the services were rendered.

The contents of this report reflect the views of the author who is responsible for the facts and accuracy of the data presented herein. The contents do not necessarily reflect the official views or policies of the State of California or the Federal Highway Administration. This report does not constitute a standard, specification or regulation.



**GEOCON**  
CONSULTANTS, INC.

3303 N. SAN FERNANDO BLVD. - SUITE 100 - BURBANK, CA. 91504  
PHONE 818.841.8388 - FAX 818.841.1704

County Line Overhead  
LA-18 (PM 0.19)

Los Angeles County, California  
GEOCON Proj. No. S9475-06-16

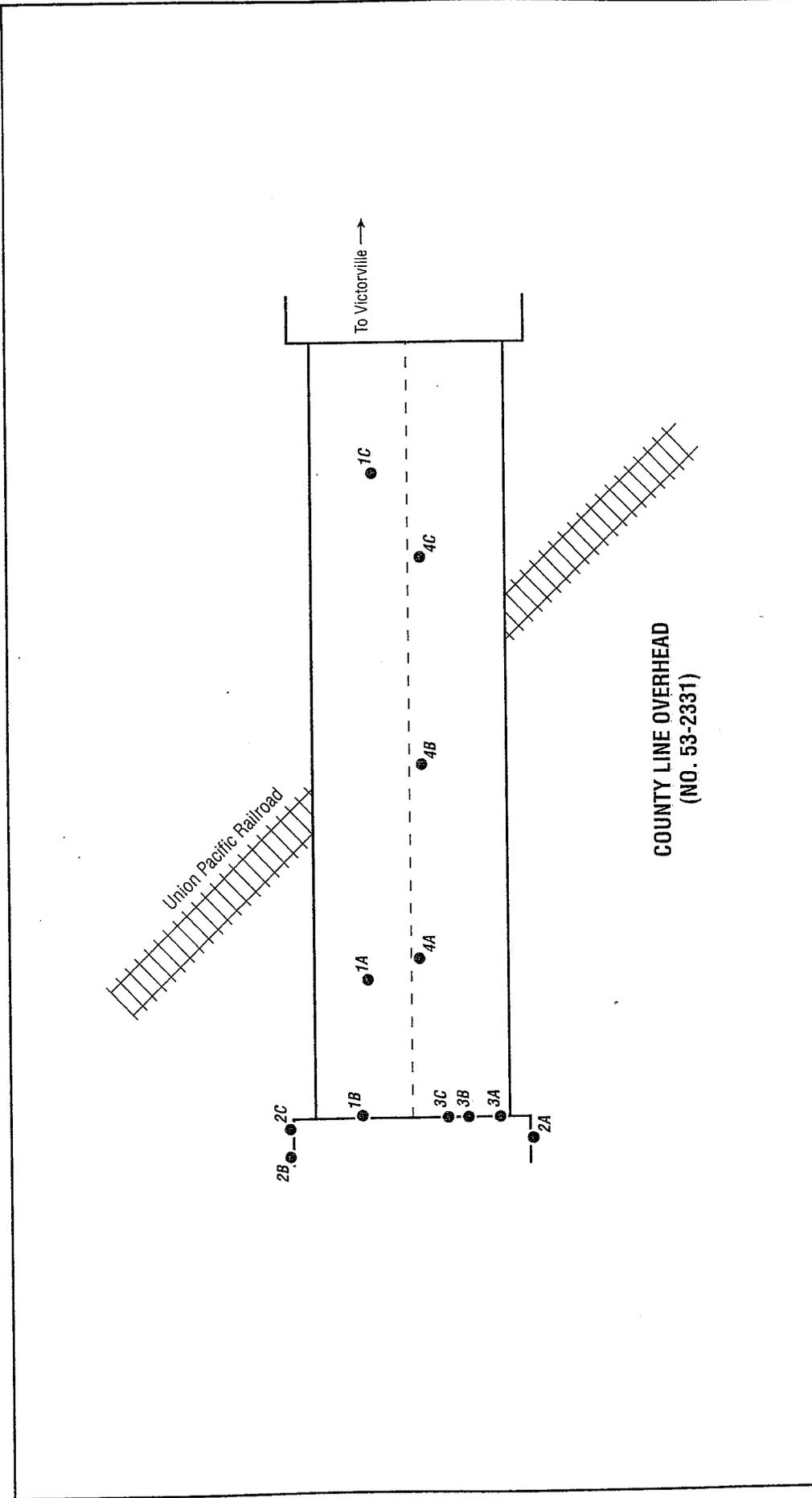
**VICINITY MAP**

Task Order No. 16

March 2012

Figure 1





**COUNTY LINE OVERHEAD  
(NO. 53-2331)**

LEGEND:

- Approximate Asbestos Sample Location



NOT TO SCALE



3303 N. SAN FERNANDO BLVD., SUITE 100 - BURBANK, CA. 91504  
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County Line Overhead  
LA-18 (PM 0.19)

Los Angeles County, California  
GEOCON Proj. No. S9475-06-16

**SITE PLAN**

Task Order No. 16

March 2012

Figure 2

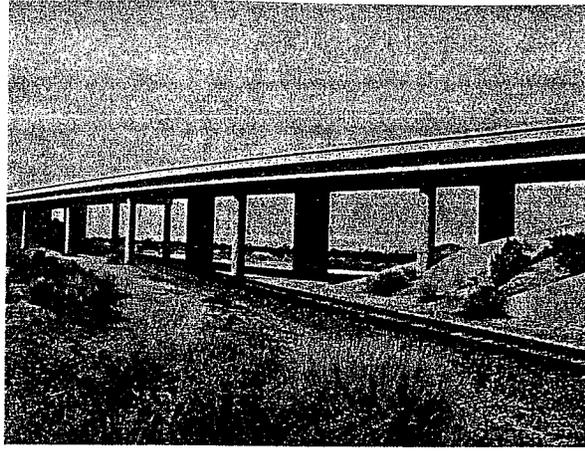


Photo 1 – County Line Overhead (Bridge 53-2331)

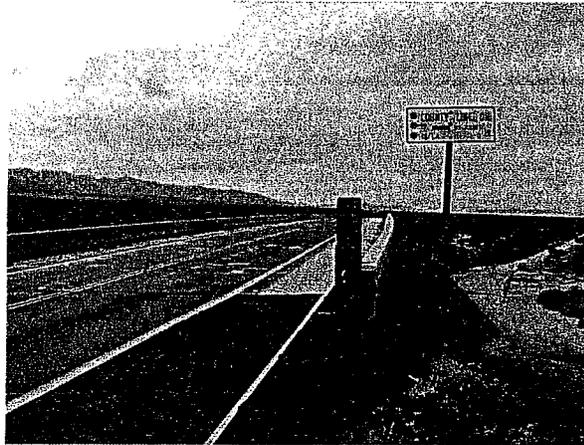


Photo 2 – Bridge 53-2331 deck



Photo 3 – Bridge 53-2331 paint



**GEOCON**  
CONSULTANTS, INC.

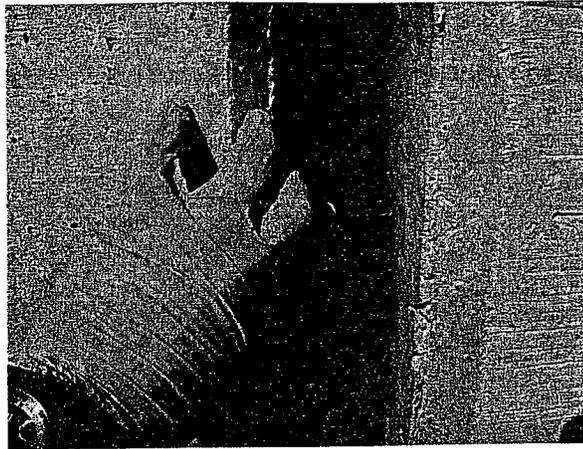
3303 N. SAN FERNANDO BLVD. - SUITE 100 - BURBANK, CA. 91504  
PHONE 818.841.8388 - FAX 818.841.1704

**PHOTOGRAPHS 1, 2, & 3**

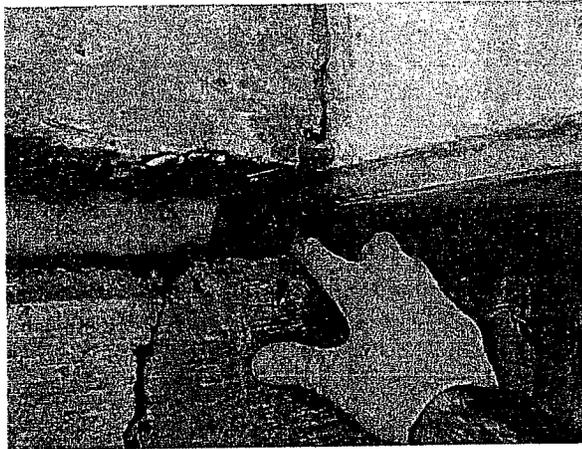
County Line Overhead  
Los Angeles County, California

S9475-06-16

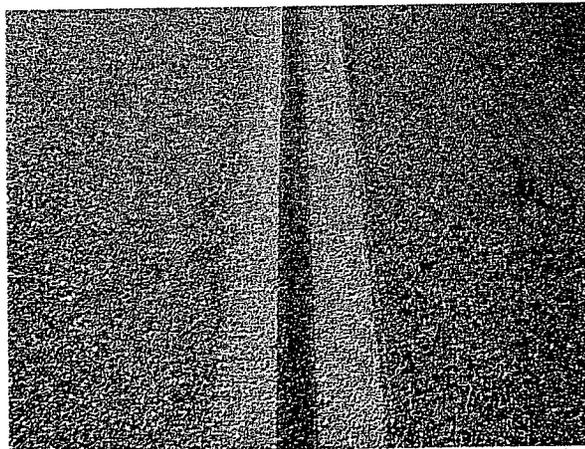
March 2012



**Photo 4 – Bridge 53-2331 expansion joint fill material**



**Photo 5 – Bridge 53-2331 bearing pads (west abutment)**



**Photo 6 – Bridge 53-2331 road striping**



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**PHOTOGRAPHS 4, 5, & 6**

County Line Overhead

Los Angeles County, California

S9475-06-16

March 2012

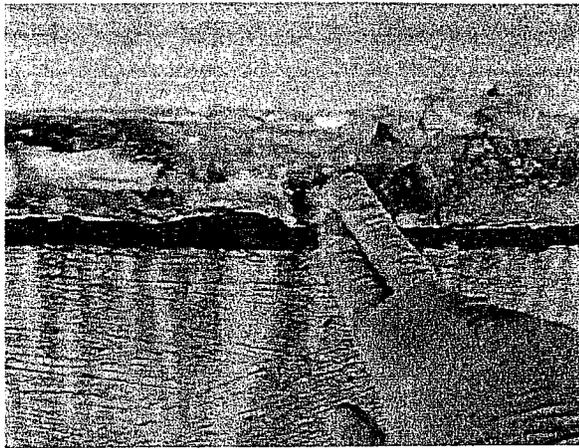


Photo 7 – Bridge 53-2331 styrene joint fill material at west abutment (non-suspect)

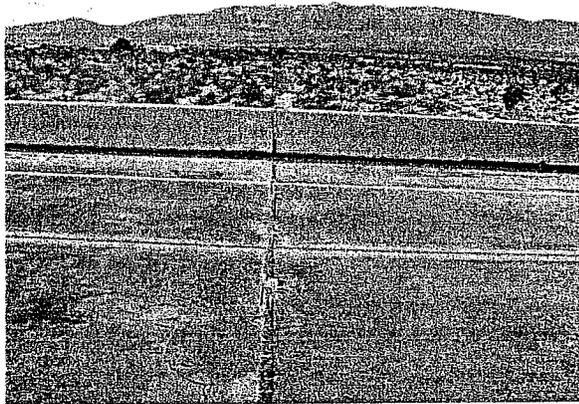


Photo 8 – Bridge 53-2331 typical deck joint seal (non-suspect)



Photo 9 – Bridge 53-2331 underside



**GEOCON**  
CONSULTANTS, INC.

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PHONE 818.841.8388 - FAX 818.841.1704

**PHOTOGRAPHS 7, 8, & 9**

County Line Overhead  
Los Angeles County, California

S9475-06-16

March 2012

TABLE 1  
 SUMMARY OF ASBESTOS ANALYTICAL RESULTS  
 COUNTY LINE OVERHEAD  
 CALTRANS CONTRACT 07A2729, EA 07-274801  
 LA-18, POST MILE 0.19  
 LOS ANGELES COUNTY, CALIFORNIA

Polarized Light Microscopy (PLM) - EPA Test Method 600/R-93/116

Bridge	Sample Group No.	Description of Material	Approximate Quantity	Friable	Site Photos	Asbestos Content
County Line Overhead (No. 53-2331)	1	Paint	NA	NA	3	ND
	2	Expansion joint fill material	NA	NA	4	ND
	3	Bearing pads (west abutment)	NA	NA	5	ND
	4	Road striping	NA	NA	6	ND

Notes:

NA = Not applicable (no asbestos detected)

ND = Not detected

APPENDIX



ADVANCED TECHNOLOGY  
LABORATORIES

February 29, 2012

Chris Giuntoli  
Geocon Consultants, Inc.  
4010 Technology Way, Suite D  
Carson City, NV 89706  
Tel: (775) 888-9900  
Fax: (775) 888-9904

ACCREDITED IN ACCORDANCE WITH  
  
ELAP No.: 1838  
NELAP No.: 02107CA  
CSDLAC No.: 10196  
ORELAP No.: CA300003

Re: ATL Work Order Number : 1200656  
Client Reference : COUNTY LINE OH, S9475-06-16

Enclosed are the results for sample(s) received on February 22, 2012 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,



Eddie Rodriguez  
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

3275 Walnut Avenue, Signal Hill, CA 90755 • Tel: 562-989-4045 • Fax: 562-989-4040  
[www.atlglobal.com](http://www.atlglobal.com)



Geocon Consultants, Inc.  
4010 Technology Way, Suite D  
Carson City, NV 89706

Project Number : COUNTY LINE OH, S9475-06-16

Report To : Chris Giuntoli

Reported : 02/29/2012

### SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
2331-1A	1200656-01	Bulk Material	2/21/12 0:00	2/22/12 11:34
2331-1B	1200656-02	Bulk Material	2/21/12 0:00	2/22/12 11:34
2331-1C	1200656-03	Bulk Material	2/21/12 0:00	2/22/12 11:34
2331-2A	1200656-04	Bulk Material	2/21/12 0:00	2/22/12 11:34
2331-2B	1200656-05	Bulk Material	2/21/12 0:00	2/22/12 11:34
2331-2C	1200656-06	Bulk Material	2/21/12 0:00	2/22/12 11:34
2331-3A	1200656-07	Bulk Material	2/21/12 0:00	2/22/12 11:34
2331-3B	1200656-08	Bulk Material	2/21/12 0:00	2/22/12 11:34
2331-3C	1200656-09	Bulk Material	2/21/12 0:00	2/22/12 11:34
2331-4A	1200656-10	Bulk Material	2/21/12 0:00	2/22/12 11:34
2331-4B	1200656-11	Bulk Material	2/21/12 0:00	2/22/12 11:34
2331-4C	1200656-12	Bulk Material	2/21/12 0:00	2/22/12 11:34

### CASE NARRATIVE

Samples for Asbestos PLM were subcontracted to AmeriSci Los Angeles with ELAP Cert.# 2322.



**AmeriSci Los Angeles**

24416 S. Main Street, Ste 308  
Carson, California 90745  
TEL: (310) 834-4868 • FAX: (310) 834-4772

## PLM Bulk Asbestos Report

Advanced Technology Laboratories  
Attn: Diane Galvan  
3275 Walnut Street

Date Received 02/23/12  
Date Examined 02/24/12

AmeriSci Job # 912021706  
P.O. # SC07055  
Page 1 of 3

RE: 1200656

Signal Hill, CA 90755

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
1200656-01 Location: 2331-1A	912021706-01	No	NAD (by CVES) by Miguel Orozco on 02/24/12
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
1200656-02 Location: 2331-1B	912021706-02	No	NAD (by CVES) by Miguel Orozco on 02/24/12
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
1200656-03 Location: 2331-1C	912021706-03	No	NAD (by CVES) by Miguel Orozco on 02/24/12
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
1200656-04 Location: 2331-2A	912021706-04	No	NAD (by CVES) by Miguel Orozco on 02/24/12
Analyst Description: Dark Brown, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 80 %, Non-fibrous 20 %			
1200656-05 Location: 2331-2B	912021706-05	No	NAD (by CVES) by Miguel Orozco on 02/24/12
Analyst Description: Dark Brown, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 80 %, Non-fibrous 20 %			

See Reporting notes on last page

Client Name: Advanced Technology Laboratories

**PLM Bulk Asbestos Report**

1200656

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
1200656-06 Location: 2331-2C	912021706-06	No	NAD (by CVES) by Miguel Orozco on 02/24/12
Analyst Description: Dark Brown, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 80 %, Non-fibrous 20 %			
1200656-07 Location: 2331-3A	912021706-07	No	NAD (by CVES) by Miguel Orozco on 02/24/12
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
1200656-08 Location: 2331-3B	912021706-08	No	NAD (by CVES) by Miguel Orozco on 02/24/12
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
1200656-09 Location: 2331-3C	912021706-09	No	NAD (by CVES) by Miguel Orozco on 02/24/12
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
1200656-10 Location: 2331-4A	912021706-10	No	NAD (by CVES) by Miguel Orozco on 02/24/12
Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			
1200656-11 Location: 2331-4B	912021706-11	No	NAD (by CVES) by Miguel Orozco on 02/24/12
Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Other Material: Non-fibrous 100 %			

See Reporting notes on last page

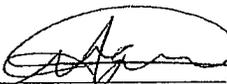
Client Name: Advanced Technology Laboratories

# PLM Bulk Asbestos Report

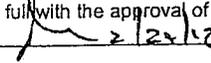
1200656

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
1200656-12 Location: 2331-4C	912021706-12	No	NAD (by CVES) by Miguel Orozco on 02/24/12
<p>Analyst Description: Yellow, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material</p> <p>Asbestos Types:</p> <p>Other Material: Non-fibrous 100 %</p>			

**Reporting Notes:**

Analyzed By: Miguel Orozco ; Date Analyzed: 2/24/2012 2/24/12

\*NAD = no asbestos detected; Detection Limit <1%; Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; NA = not analyzed; NA/PS = not analyzed / positive stop; NVA = No Visible Asbestos; PLM (polarized light microscopy) Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab #200346-0, CA ELAP lab #2322); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full with the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By:  2/24/12

  
**ADVANCED TECHNOLOGY**  
 LABORATORIES

912021706

**SUBCONTRACT ORDER**

**Work Order: 1200656**

**SENDING LABORATORY:**

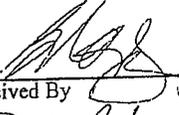
Advanced Technology Laboratories  
 3275 Walnut Avenue  
 Signal Hill, CA 90755  
 Phone: 562.989.4045  
 Fax: 562.989.6348  
 Project Manager: Diane Galvan

**RECEIVING LABORATORY:**

AmeriSci Los Angeles  
 24416 South Main Street, Suite 308  
 Carson, CA 90745  
 Phone : (310) 834-4868  
 Fax: (310) 834-4772  
 PO#: SC07055 Standard TAT

**IMPORTANT :** Please include Work Order # and PO # in your invoice. e

Analysis	Due	Expires	Sampled	Comments
ATL Lab#: 1200656-01 Asbestos_PLM	/ 2331-1A 02/29/12 17:00	Bulk Material 08/19/12 00:00	02/21/12 00:00	
ATL Lab#: 1200656-02 Asbestos_PLM	/ 2331-1B 02/29/12 17:00	Bulk Material 08/19/12 00:00	02/21/12 00:00	
ATL Lab#: 1200656-03 Asbestos_PLM	/ 2331-1C 02/29/12 17:00	Bulk Material 08/19/12 00:00	02/21/12 00:00	
ATL Lab#: 1200656-04 Asbestos_PLM	/ 2331-2A 02/29/12 17:00	Bulk Material 08/19/12 00:00	02/21/12 00:00	
ATL Lab#: 1200656-05 Asbestos_PLM	/ 2331-2B 02/29/12 17:00	Bulk Material 08/19/12 00:00	02/21/12 00:00	
ATL Lab#: 1200656-06 Asbestos_PLM	/ 2331-2C 02/29/12 17:00	Bulk Material 08/19/12 00:00	02/21/12 00:00	
ATL Lab#: 1200656-07 Asbestos_PLM	/ 2331-3A 02/29/12 17:00	Bulk Material 08/19/12 00:00	02/21/12 00:00	
ATL Lab#: 1200656-08 Asbestos_PLM	/ 2331-3B 02/29/12 17:00	Bulk Material 08/19/12 00:00	02/21/12 00:00	

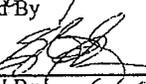
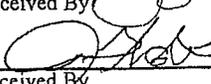
Released By 	Date <u>2/21/12</u>	Received By 	Date <u>2/23/12</u> 1346
Released By 	Date <u>2/22/12</u> 1352	Received By 	Date <u>2/22/12</u> 1355

  
 ADVANCED TECHNOLOGY  
 LABORATORIES  
 SUBCONTRACT ORDER

912021706

Work Order: 1200656

Analysis	Due	Expires	Sampled	Comments
ATL Lab#: 1200656-09 Asbestos_PLM	/ 2331-3C 02/29/12 17:00	08/19/12 00:00	Bulk Material 02/21/12 00:00	
ATL Lab#: 1200656-10 Asbestos_PLM	/ 2331-4A 02/29/12 17:00	08/19/12 00:00	Bulk Material 02/21/12 00:00	
ATL Lab#: 1200656-11 Asbestos_PLM	/ 2331-4B 02/29/12 17:00	08/19/12 00:00	Bulk Material 02/21/12 00:00	
ATL Lab#: 1200656-12 Asbestos_PLM	/ 2331-4C 02/29/12 17:00	08/19/12 00:00	Bulk Material 02/21/12 00:00	

 Released By	2/22/12 Date	 Received By	2/23/12 1340 Date
 Released By	2/23/12 1352 Date	 Received By	2/23/12 1355 Date

# CHAIN OF CUSTODY RECORD

FOR LABORATORY USE ONLY:

Method of Transport  
 Client  ATL  OnTrac  
 FedEx  GSO  Other: \_\_\_\_\_

Sample Condition Upon Receipt  
 1. CHILLED  Y  N  4. SEALED  Y  N   
 2. HEADSPACE (VDA)  Y  N  5. # OF SPLS MATCH COC  Y  N   
 3. CONTAINER INTACT  Y  N  6. PRESERVED  Y  N

P.O.#: \_\_\_\_\_ Quote #: \_\_\_\_\_  
 Logged By: ATL Date: 2/22/12  
 NOTE: Please include your Quote No. to ensure proper pricing of your project.

Address: ADID TECHNOLOGY WAY, SUITE D TEL: 775-888-9900  
 City: CARSON CITY State: NV Zip Code: 89706 FAX: \_\_\_\_\_  
 Project #: 59475-06-16 Sampler: CHRIS GUNTOLI

Relinquished by: (Signature and Printed Name) CHRIS GUNTOLI  
 Date: 2/21/12 Time: 16:30  
 Relinquished by: (Signature and Printed Name) CHRIS GUNTOLI  
 Date: 2/21/12 Time: 16:30  
 Relinquished by: (Signature and Printed Name) CHRIS GUNTOLI  
 Date: 2/22/12 Time: 16:00

Special Instructions/Comments:  
SAME

Bill To:  
 Attn: SAME  
 Co: \_\_\_\_\_  
 Addr: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Circle or Add Analysts(es) Requested  
ASBESTOS (PM)  
TITLE 22 / CAM 17 (6010 / 7000)  
8015B (PRO)  
8015B (GRO / 8021 (BTEX))  
8010B (Total Metal)  
8270C (BVA)  
8260B (Volatiles)  
8082 (PCB)  
8081A (Pesticides)

Sample Description  
 Sample I.D. / Location  
 Date  
 Time

LAB USE ONLY:  
 Batch #:  
 Lab No.  
 Date

Sample/Records - Archival & Disposal  
 Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.  
 Storage Fees (applies when storage is requested):  
 • Sample : \$2.00 / sample / mo (after 45 days)  
 • Records : \$1.00 / ATL workorder / mo (after 1 year)

Sample Description  
 Sample I.D. / Location  
 Date  
 Time

LAB USE ONLY:  
 Batch #:  
 Lab No.  
 Date

Sample Description  
 Sample I.D. / Location  
 Date  
 Time

LAB USE ONLY:  
 Batch #:  
 Lab No.  
 Date

Specify Appropriate Matrix  
 Container(s)  
 TAT # Type

QA/QC  
 RTNE   
 CT   
 Legal   
 SWRCB   
 Logcode   
 OTHER   
 REMARKS

Preservatives:  
 H=HCl N=HNO<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C  
 Z=Zn(Ac)<sub>2</sub> O=NaOH T=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

TAT:  A= Overnight ≤ 24 hrs  B= Emergency Next workday  C= Critical 2 Workdays  D= Urgent 3 Workdays  E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pin J=Jar B=Tedlar G=Glass P=Plastic M=Metal

DISTRIBUTION: White with remort Yellow with folder Blue with folder

TAT starts 8 a.m. following day if samples received after 5 p.m.

Rev. 2010-0325

# CHAIN OF CUSTODY RECORD

**ADVANCED TECHNOLOGY LABORATORIES**  
 3275 Walnut Ave., Signal Hill, CA 90755  
 Tel: (562) 989-4045 • Fax: (562) 989-4040

FOR LABORATORY USE ONLY:  
 Method of Transport  
 Client  ATL  
 FedEx  OnTrac  
 GSO  
 Other: \_\_\_\_\_

Sample Condition Upon Receipt  
 1. CHILLED Y  N  4. SEALED Y  N   
 2. HEADSPACE (VOA) Y  N  5. # OF SPLS MATCH COC Y  N   
 3. CONTAINER INTACT Y  N  6. PRESERVED Y  N

Quote #: \_\_\_\_\_ Date: \_\_\_\_\_  
 Logged By: \_\_\_\_\_  
 NOTE: Please include your Quote No. to ensure proper pricing of your project.

Client: GECON Address: 4010 TECHNOLOGY WAY, SUITE D TEL: 775-888-8800  
 Attn: CHRIS GUNSTON City: CARSON CITY State: NV Zip Code: 89706 FAX: \_\_\_\_\_  
 Project Name: COUNTY LINE OH Project #: 59475-06-16 Sampler: CHRIS GUNSTON (Signature)  
 Relinquished by: (Signature and Printed Name) Date: 2/21/12 Time: 1630 Received by: (Signature and Printed Name) Date: 2/21/12 Time: 1630  
 Relinquished by: (Signature and Printed Name) Date: 2/21/12 Time: 1630 Received by: (Signature and Printed Name) Date: 2/21/12 Time: 1630  
 Relinquished by: (Signature and Printed Name) Date: 2/21/12 Time: 1630 Received by: (Signature and Printed Name) Date: 2/21/12 Time: 1630

I hereby authorize ATL to perform the work indicated below:  
 Project Mgr / Submitter: CHRIS GUNSTON Date: 2/21/12  
 Bill To: SAME Attn: SAME  
 Co: \_\_\_\_\_ Addr: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Circle or Add Analysis(es) Requested: \_\_\_\_\_

Special Instructions/Comments: \_\_\_\_\_

**LAB USE ONLY:**

LAB Batch #	Lab No.	Sample I.D. / Location	Date	Time
1200656 - 10		2331-4A	2/21/12	
11		2331-4B		
12		2331-4C		

Sample/Records - Archival & Disposal  
 Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.  
 Storage Fees (applies when storage is requested):  
 • Sample: \$2.00 / sample / mo (after 45 days)  
 • Records: \$1.00 / ATL workorder / mo (after 1 year)

**RESERVATION**

SPECIFY APPROPRIATE MATRIX	Container(s)	TAT #	Type	REMARKS
SEDIMENT				
SOIL				
DRINKING WATER				
GROUND WATER				
WASTEWATER				
STORMWATER				
AQUEOUS				
OTHER				

RTNE  CT  Legal   
 SWRCB  Logcode

**LABORATORY USE ONLY:**

Preservatives:  
 H=HCl N=HNO<sub>3</sub> S=H<sub>2</sub>SO<sub>4</sub> C=4°C  
 Z=Zn(Ac)<sub>2</sub> O=NaOH T=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

TAT:  A= Overnight ≤ 24 hrs  B= Emergency Next workday  
 Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal  
 Routine 7 Workdays  E=  
 Urgent 3 Workdays  D=  
 Critical 2 Workdays  C=  
 801A (Pesticides) 8082 (PCB) 8260B (Volatiles) 8270C (BNA) 8010B (Total Metal) 8015B (GRO) / 8021 (BTEX) 8015B (DRO) TITLE 22 / CAM 17 (8010 / 7000) ASBESTOS (Pb) TITLE 22 / CAM 17 (8010 / 7000)