

FOR CONTRACT NO: 07-278904
PROJECT ID: 0700000542

INFORMATION HANDOUT

MATERIALS INFORMATION

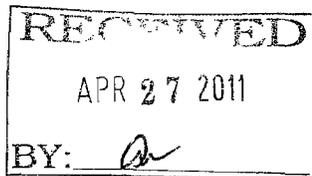
ROOF ASBESTOS SURVEY

ROUTE: 07-Ven-101-9.0, 9.2

ROOF ASBESTOS SURVEY



**Conejo Truck Inspection Building
07-VEN-101 PM R9.1
Ventura County, California**



PREPARED FOR:

**CALIFORNIA DEPARTMENT OF TRANSPORTATION - DISTRICT 7
DIVISION OF PLANNING, OEECS
100 SOUTH MAIN STREET, SUITE 12-266
LOS ANGELES, CALIFORNIA 90012**



PREPARED BY:

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



**GEOCON PROJECT NO. S9475-06-08
TASK ORDER NO. 08
PPNO. 07 0000 0542 (EA 07-278901)
CALTRANS CONTRACT NO. 07A2729**

APRIL 2011



Project No. S9475-06-08
April 18, 2011

Mr. Ali Nili
Caltrans – District 7
Environmental Engineering
100 South Main Street, Suite 12-268
Los Angeles, CA 90012

Subject: CONEJO TRUCK INSPECTION BUILDING ROOF
VENTURA COUNTY, CALIFORNIA
CONTRACT NO. 07A2729, PPNO 07 0000 0542 (EA 07-278901)
TASK ORDER NO.08, 07-VEN-101 PM R9.1
ASBESTOS SURVEY REPORT

Dear Mr. Nili:

In accordance with California Department of Transportation (Caltrans) Contract No. 07A2729 and Task Order No. (TO) 08, we have performed an asbestos survey of roofing on the subject building in Ventura County, California. The scope of services included surveying suspect roofing materials for asbestos, collecting bulk samples, and submitting the samples to a laboratory for analysis.

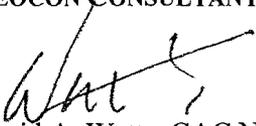
The accompanying report summarizes the services performed and laboratory analysis.

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.


David A. Watts, CAC No. 98-2404
Senior Project Scientist


Michael P. Conkle, PG
Senior Geologist



(6 + 1 CD) Addressee

ASBESTOS SURVEY REPORT

EXECUTIVE SUMMARY

The project consists of roofing on the Conejo Truck Inspection Building located at Post Mile (PM) R9.1 on northbound Highway 101 in Ventura County, California. We performed asbestos survey activities of the roof at the project location. The approximate project location is depicted on the Vicinity Map, Figure 1. The approximate sample locations are depicted on the Site Plan, Figure 2.

The purpose of the scope of services outlined in TO-08 was to determine the presence and quantity of asbestos in roofing materials prior to the roof replacement project. 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.

Mr. David Watts, a California-Certified Asbestos Consultant (CAC), certification No. 98-2404 (expiration September 16, 2011) performed the asbestos survey at the project location on March 29, 2011. 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 eight bulk asbestos samples representing four material types were collected.

We collected bulk asbestos samples after first wetting friable materials with a light mist of water. The samples were then cut from the substrate and transferred to labeled containers. Note that when multiple samples were collected, the sampling locations were distributed throughout the homogeneous area (spaces where the material was observed).

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

We relinquished bulk samples for asbestos analysis using standard chain-of-custody documentation. Asbestos content was determined using U.S. Environmental Protection Agency (EPA) Test Method 600/R-93/116 for polarized light microscopy (PLM). We requested laboratory analyses on a standard turn-around-time.

Chrysotile asbestos at a concentration of 5% was detected in a sample representing approximately 25 square feet of nonfriable asphalt roofing mastic observed at penetrations, flashing, and at various locations on the roof where leakage was apparently occurring. Some of the mastic is beneath the tiles.

Asbestos was not detected in the remaining samples collected during our survey. A summary of the analytical laboratory test results for asbestos is presented on Table 1. Reproductions of the laboratory reports and chain-of-custody documentation are presented in Appendix A.

The SCAQMD requires that ACM identified during our survey be removed and disposed of prior to activities that would disturb the material. Asbestos-containing roofing mastic (a NESHAP Category I nonfriable/nonhazardous material) may be disposed of as nonhazardous asbestos waste. However, the disturbance of the material is still covered by the Cal/OSHA asbestos standard contained in Title 8, CCR Section 1529. We recommend that a licensed roofing contractor registered with Cal/OSHA for asbestos-related work perform activities that would disturb the roofing mastic. The roofing contractor is responsible for determining which work methods will be used. The work methods must meet the requirements of the Cal/OSHA asbestos standard. Contractors are responsible for informing the landfill of the contractor's intent to dispose of asbestos waste. Some landfills may require additional waste characterization. Contractors are responsible for segregating and characterizing waste streams prior to disposal.

We also recommend the notification of contractors (that will be involved in roof replacement or related activities) and building occupants of the presence of asbestos in their areas (i.e., provide the contractor[s] and occupants with a copy of this report and a list of asbestos removed during subsequent activities). Personnel not trained for asbestos work should be instructed not to disturb asbestos during their activities.

In accordance with SCAQMD Rule 1403, notification to the District is required for planned renovation activities when the asbestos related work involves the removal of greater than 100 square feet of ACM. Since this assessment did not reveal the presence of ACM in quantities greater than 100 square feet, notification to the District for the removal of the identified ACM is not required. However, written notification to the SCAQMD is required ten working days prior to commencement of any demolition activity (whether asbestos is present or not). The roofing contractor is responsible for determining if the roof replacement involves work that meets the SCAQMD definition of "demolition", (i.e., wrecking or taking out of a load-supporting structural member). The roofing contractor is also responsible for subsequent SCAQMD notification, if required. In accordance with Title 8, CCR 341.9, written notification to the nearest Cal/OSHA district office is required at least 24 hours prior to certain asbestos-related work.

1.0 INTRODUCTION

This asbestos survey report was prepared by Geocon Consultants, Inc. under Caltrans Contract No. 07A2729, EA No. 07-278901.

1.1 Project Description

The project consists of roofing on the Conejo Truck Inspection Building located at Post Mile (PM) R9.1 on northbound Highway 101 in Ventura County, California. We performed asbestos survey activities of the roof at the project location. The approximate project location is depicted on the Vicinity Map, Figure 1. The approximate sample locations are depicted on the Site Plan, Figure 2.

1.2 General Objectives

The purpose of the scope of services outlined in TO-08 was to determine the presence and quantity of asbestos in roofing materials prior to the roof replacement project. 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 and previous asbestos survey reports were not available for our review.

3.0 SCOPE OF SERVICES

Mr. David Watts, a California-Certified Asbestos Consultant (CAC), certification No. 98-2404 (expiration September 16, 2011) performed the asbestos survey at the project location on March 29, 2011.

3.1 Asbestos

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 eight bulk asbestos samples representing four material types were collected.

Our procedures for inspection and sampling in accordance with TO-08 are discussed below:

- Collected bulk asbestos samples after first wetting friable materials with a light mist of water. The samples were then cut from the substrate and transferred to labeled containers. 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 to EMSL Analytical, Inc., 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) under chain-of-custody protocol. EMSL Analytical, Inc. is 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 analyses were requested on a standard turn-around-time.

Sample group identification numbers, material descriptions, approximate quantities, friability assessments, and photo references are summarized on 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

Chrysotile asbestos at a concentration of 5% was detected in a sample representing approximately 25 square feet of nonfriable asphalt roofing mastic observed at penetrations, flashing, and at various locations on the roof where leakage was apparently occurring. Some of the mastic is beneath the tiles.

Asbestos was not detected in the remaining samples collected during our survey. A summary of the analytical laboratory test results for asbestos is presented on Table 1. Reproductions of the laboratory reports and chain-of-custody documentation are presented in Appendix A.

5.0 RECOMMENDATIONS

The SCAQMD requires that ACM identified during our survey be removed and disposed of prior to activities that would disturb the material. Asbestos-containing roofing mastic (a NESHAP Category I nonfriable/nonhazardous material) may be disposed of as nonhazardous asbestos waste. However, the disturbance of the material is still covered by the Cal/OSHA asbestos standard contained in Title 8, CCR Section 1529. We recommend that a licensed roofing contractor registered with Cal/OSHA for asbestos-related work perform activities that would disturb the roofing mastic. The roofing contractor is responsible for determining which work methods will be used. The work methods must meet the requirements of the Cal/OSHA asbestos standard. Contractors are responsible for informing the landfill of the contractor's intent to dispose of asbestos waste. Some landfills may require additional waste characterization. Contractors are responsible for segregating and characterizing waste streams prior to disposal.

We also recommend the notification of contractors (that will be involved in roof replacement or related activities) and building occupants of the presence of asbestos in their areas (i.e., provide the contractor[s] and occupants with a copy of this report and a list of asbestos removed during subsequent activities). Personnel not trained for asbestos work should be instructed not to disturb asbestos during their activities.

In accordance with SCAQMD Rule 1403, notification to the District is required for planned renovation activities when the asbestos related work involves the removal of greater than 100 square feet of ACM. Since this assessment did not reveal the presence of ACM in quantities greater than 100 square feet, notification to the District for the removal of the identified ACM is not required. However, written notification to the SCAQMD is required ten working days prior to commencement of any demolition activity (whether asbestos is present or not). The roofing contractor is responsible for determining if the roof replacement involves work that meets the SCAQMD definition of "demolition", (i.e., wrecking or taking out of a load-supporting structural member). The roofing contractor is also responsible for subsequent SCAQMD notification, if required. In accordance with Title 8, CCR 341.9, written notification to the nearest Cal/OSHA district office is required at least 24 hours prior to certain asbestos-related work.

6.0 REPORT LIMITATIONS

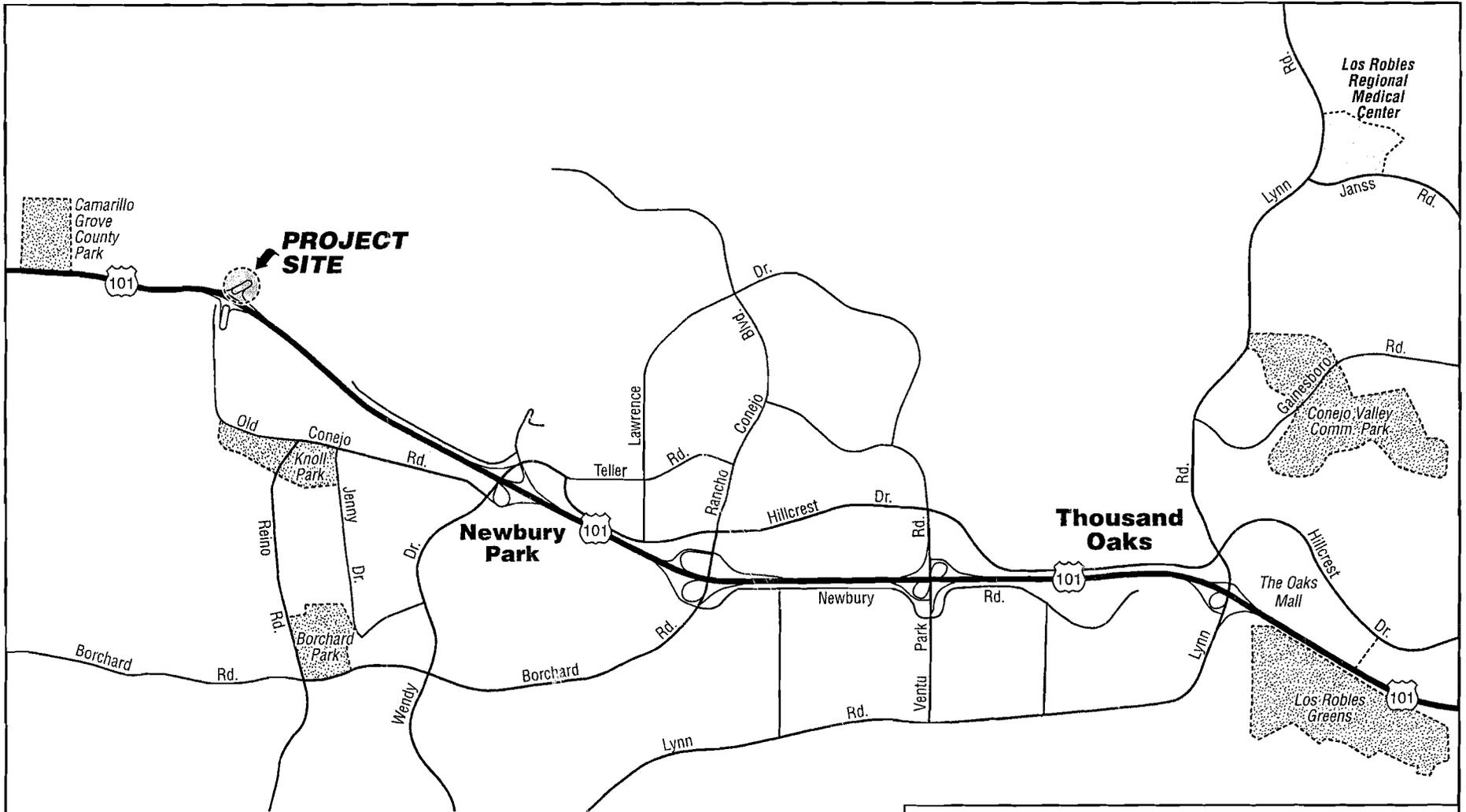
This asbestos survey was conducted in conformance with generally accepted standards of practice for identifying and evaluating asbestos in structures. The survey addressed only the project identified in Section 1.1. Due to the nature of structure surveys, asbestos use, and laboratory analytical limitations, 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 that were not accessible or sampled as part of our scope of services.

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.

3160 GOLD VALLEY DR - SUITE 800 - RANCHO CORDOVA, CA 95742
PHONE 916.852.9118 - FAX 916.852.9132

Roof - Conejo Truck Inspection Facilities (Northbound)		
Highway 101 Post Mile R9.1 Ventura County, California		VICINITY MAP
GEOCON Proj. No. S9475-06-08		
Task Order No. 8, EA 07-278901	April 2011	Figure 1



TRUCK INSPECTION BUILDING ROOF



OFFICES

TRAFFIC FLOW

SCALE APPROXIMATE

LEGEND:

- Approximate Asbestos Sample Location



GEOCON
CONSULTANTS, INC.

3160 GOLD VALLEY DR - SUITE 800 - RANCHO CORDOVA, CA 95742
PHONE 916.852.9118 - FAX 916.852.9132

Roof - Conejo Truck Inspection Facilities (Northbound)

Highway 101 Post Mile R9.1
Ventura County, California

GEOCON Proj. No. S9475-06-08

Task Order No. 8, EA 07-278901

SITE PLAN

April 2011

Figure 2



Photo 1 – Conejo truck inspection facility on Highway 101 (PM R9.1) in Ventura County, California



Photo 2 – Tile, roofing paper, mastic, and tile patch

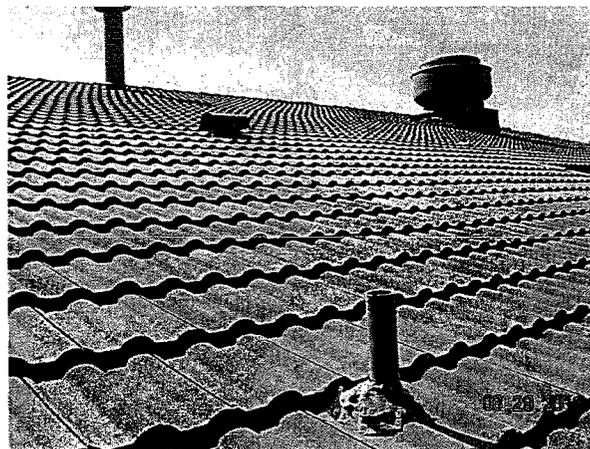


Photo 3 – Mastic used on roofing penetrations



GEOCON
CONSULTANTS, INC.

3293 N. SAN FERNANDO BLVD. - SUITE 100 - BURBANK, CA. 91504
PHONE 818.241.8288 - FAX 818.241.1754

PHOTOGRAPHS 1, 2, & 3

Caltrans, Contract 07A2729, Task Order No. 8
PPNO 07 0000 0542, 07-VEN-101 PM R9.1

S9475-06-08

(EA 07-278901)

April 2011

TABLE 1
 SUMMARY OF ASBESTOS ANALYTICAL RESULTS
 CONEJO TRUCK INSPECTION BUILDING
 CALTRANS CONTRACT 07A2729, TASK ORDER NO.08, PPNO 07 0000 0542 (EA 07-278901), 07-VEN-101 PM R9.1
 VENTURA COUNTY, CALIFORNIA

Polarized Light Microscopy (PLM) - EPA Test Method 600/R-93/116					
Sample Group	Description of Material	Approximate Quantity	Friable	Site Photos	Asbestos Content
1	Roofing tile	NA	NA	2 and 3	ND
2	Roofing paper	NA	NA	2	ND
3	Asphalt roofing mastic	25 square feet	No	2 and 3	5%
4	Tile patch	NA	NA	2	ND

Notes:

NA = Not applicable (no asbestos detected)

ND = Not detected

APPENDIX

A



EMSL Analytical, Inc

2235 Polvorosa Ave , Suite 230, San Leandro, CA 94577

Phone: (510) 895-3675 Fax: (510) 895-3680 Email: sanleandrolab@emsl.com

Attn: **Dave Watts**
Geocon Consultants, Inc.
6671 Brisa Street

Customer ID: GECN21
Customer PO: S9475-06-08
Received: 03/30/11 10:15 AM
EMSL Order: 091102873

Livermore, CA 94550

Fax: (925) 371-5915 Phone: (925) 371-5900
Project: **S9475-06-08 / CONEJO TIF (07A2729)**

EMSL Proj:
Analysis Date: 4/6/2011

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1A-Roofing Tile <i>091102873-0001</i>		Gray/Red Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
1B-Roofing Tile <i>091102873-0002</i>		Gray/Red Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
2A-Asphalt Roofing Paper <i>091102873-0003</i>		Brown Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
2B-Asphalt Roofing Paper <i>091102873-0004</i>		Brown Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (other)	None Detected
3A-Asphalt Roofing Mastic <i>091102873-0005</i>		Black Non-Fibrous Homogeneous		95% Non-fibrous (other)	5% Chrysotile
3B-Asphalt Roofing Mastic <i>091102873-0006</i>		Black Non-Fibrous Homogeneous	30% Cellulose	70% Non-fibrous (other)	None Detected

Initial report from 04/06/2011 11:35:40

Analyst(s)

Todd Patrick (8)

Baojia Ke, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, MA AA000201, WA C2007



EMSL Analytical, Inc

2235 Polyrosa Ave , Suite 230, San Leandro, CA 94577

Phone: (510) 895-3675 Fax: (510) 895-3680 Email: sanleandrolab@emsl.com

Attn: **Dave Watts**
Geocon Consultants, Inc.
6671 Brisa Street

Livermore, CA 94550

Fax: (925) 371-5915 Phone: (925) 371-5900
Project: **S9475-06-08 / CONEJO TIF (07A2729)**

Customer ID: GECN21
Customer PO: S9475-06-08
Received: 03/30/11 10:15 AM
EMSL Order: 091102873

EMSL Proj:
Analysis Date: 4/6/2011

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
4A-Tile Patch 091102873-0007		Gray/Red Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
4B-Tile Patch 091102873-0008		Gray/Red Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Initial report from 04/06/2011 11:35:40

Analyst(s)

Todd Patrick (8)

Baojia Ke, Laboratory Manager
or other approved signatory

Due to magnification limitations inherent in PLM, asbestos fibers in dimensions below the resolution capability of PLM may not be detected. Samples reported as <1% or none detected may require additional testing by TEM to confirm asbestos quantities. The above test report relates only to the items tested and may not be reproduced in any form without the express written approval of EMSL Analytical, Inc. EMSL's liability is limited to the cost of analysis. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc San Leandro, CA NVLAP Lab Code 101048-3, MA AA000201, WA C2007



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):

091102873

EMSL ANALYTICAL, INC
2235 POLVOROSA DR., STE. 230
SAN LEANDRO, CA 94577
PHONE: (510) 895-3675
FAX: (510) 895-3680

Company: <u>GEOCON</u>		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: <u>6671 BRUSA ST.</u>		<small>Third Party Billing requires written authorization from third party</small>	
City: <u>LIVERMORE</u>	State/Province: <u>CA</u>	Zip/Postal Code: <u>94550</u>	Country: <u>U.S.A</u>
Report To (Name): <u>D. WATTS</u>		Fax #: <u>(925) 371-5915</u>	
Telephone #: <u>(925) 371-5900</u>		Email Address: <u>WATTS@GEOCONINC.COM</u>	
Project Name/Number: <u>39475-06-08 / CONEJO TIF (07A2729)</u>			
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Purchase Order:		U.S. State Samples Taken:	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour
<input type="checkbox"/> 72 Hour	<input type="checkbox"/> 96 Hour	<input checked="" type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Week
<small>*For TEM Air 3 hours/6 hours, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PCM - Air <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)		TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
		TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> EPA Protocol (Semi-Quantitative) <input type="checkbox"/> EPA Protocol (Quantitative) Other: <input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group			
Samplers Name: <u>D. WATTS</u>		Samplers Signature: <u>Watts</u>	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
<u>1A/1B</u>	<u>ROOFING TILE</u>	<u>NA</u>	<u>29 MAR 2011</u>
<u>2A/2B</u>	<u>ASPHALT ROOFING PAPER</u>	<u>↓</u>	<u>↓</u>
<u>3A/3B</u>	<u>ASPHALT ROOFING MASTIC</u>	<u>↓</u>	<u>↓</u>
<u>4A/4B</u>	<u>TILE PATCH</u>	<u>↓</u>	<u>↓</u>
Client Sample # (s):		Total # of Samples: <u>8</u>	
Relinquished (Client): <u>Watts</u>		Date: <u>29 MAR 2011</u>	Time: <u>10:00</u>
Received (Lab): <u>UPS</u>		Date: <u>29 MAR 2011</u>	Time: <u>1:00</u>
Comments/Special Instructions:		Time: <u>1:00</u> UPS	
<u>CONTRACT # 07A2729</u>			