

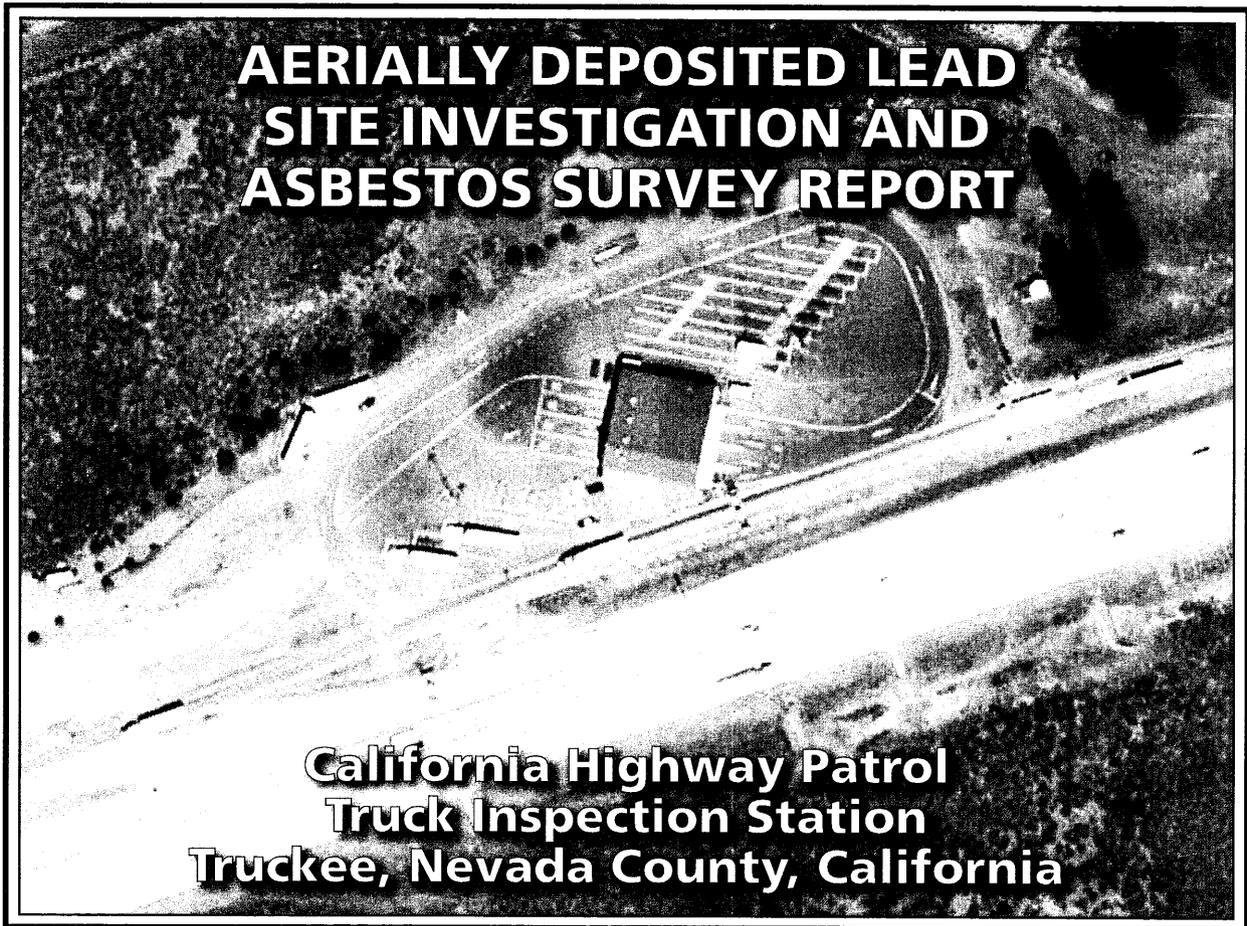
FOR CONTRACT NO.: 03-4C2204

INFORMATION HANDOUT

MATERIALS INFORMATION

**AERIALY DEPOSITED LEAD
SITE INVESTIGATION AND ASBESTOS SURVEY REPORT
BY GEOCON CONSULTANTS, INC
AUGUST 2008**

ROUTE: 03-Nev-80



PREPARED FOR:

**CALIFORNIA DEPARTMENT OF TRANSPORTATION
DISTRICT 3
P.O. Box 911
MARYSVILLE, CALIFORNIA 95901**



PREPARED BY:

**GEOCON CONSULTANTS, INC.
3160 GOLD VALLEY DRIVE, SUITE 800
RANCHO CORDOVA, CALIFORNIA 95742**



**GEOCON PROJECT NO. S9300-06-40
TASK ORDER NO. 40, EA NO. 03-2C8600**

AUGUST 2008



Project No. S9300-06-40
August 18, 2008

Mr. Rajive Chadha
California Department of Transportation – District 3
Environmental Engineering Office
P.O. Box 911
Marysville, California 95901

Subject: CALIFORNIA HIGHWAY PATROL TRUCK INSPECTION STATION
TRUCKEE, NEVADA COUNTY, CALIFORNIA
CONTRACT NO. 03A1368
TASK ORDER NO. 40, EA 03-2C8600
AERIALY DEPOSITED LEAD SITE INVESTIGATION AND ASBESTOS
SURVEY REPORT

Dear Mr. Chadha:

In accordance with California Department of Transportation (Caltrans) Contract No. 03A1368, Task Order No. 40, and Expense Authorization 03-2C8600, we have performed environmental engineering services at the project site. The Site consists of the ramps of westbound (WB) Interstate 80 (I-80) at the Truckee California Highway Patrol (CHP) truck inspection station (the Site) in Nevada County, California. The accompanying report summarizes the services performed including the advancement of ten direct-push borings for shallow soil sampling, laboratory testing and asbestos survey for the CHP Truck Inspection Facility (TIF).

BACKGROUND

Caltrans intends to rehabilitate the existing roadway, which will include disturbance of soil at the Site. The approximate project location is depicted on the Vicinity Map, Figure 1, and Site Plan, Figure 2.

The purpose of the scope of services outlined in TO No. 40 was to evaluate whether impacts due to aerial lead deposition from motor vehicle exhaust exist in the surface and near surface soils within the project boundaries. Additionally, we performed an asbestos-containing material (ACM) survey. The investigative results will be used by Caltrans to inform the construction contractor if lead-impacted soils and ACM are present within the project boundaries for health, safety and disposal purposes. The asbestos survey report is presented in Appendix A.

FIELD ACTIVITIES

We collected soil samples on both sides of the off ramp of WB I-80 at the CHP truck inspection station. On May 21, 2008, 29 soil samples were collected from ten direct-push borings (TT1 through TT10) at the Caltrans designated soil sampling locations. The soil borings were excavated to an approximate maximum depth of 3.0 feet (ft). Soil samples were collected at general depths of 0.0 to 1.0 foot, 1.0 to 2.0 ft and 2.0 to 3.0 ft. The approximate soil boring locations are depicted on Figure 2. We also performed an asbestos survey of the TIF on May 19, 2008.

The coordinates of each boring location were determined using a differential global positioning system (GPS). The GPS was utilized during the field activities to locate the horizontal position of each

location with an error of no more than 3.3 ft. The latitude and longitude of the boring locations are summarized in Table 1.

Soil samples obtained from the borings were collected in cellulose thermoplastic (acetate) liners driven by the direct-push rig. The acetate liners were cut to separate the sample by depth, then the sample from a particular interval was opened and the soil sample was transferred to a Ziploc® re-sealable plastic bag. The soil samples were field homogenized within the sample bags and subsequently labeled, placed in an ice chest, and delivered to Advanced Technology Laboratories (ATL) for analytical testing under chain-of-custody (COC) documentation.

Per Caltrans' request, three to four discrete soil samples collected from consecutive boring locations were composited for each depth interval (0.0 to 1.0, 1.0 to 2.0 and/or 2.0 to 3.0 ft). The analytical laboratory was instructed to composite the soil samples. A portion of each discrete sample collected during the field sampling activities was retained by the laboratory for further analysis, if warranted. The composite sample identifications are presented in Table 2.

We collected bulk samples for the asbestos survey after first wetting friable 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).

ANALYTICAL METHODS AND RESULTS

ADL Laboratory Analysis

The soil samples were analyzed by ATL on a ten working-day turn-around-time (TAT) for the following analysis:

- Nine composite soil samples were analyzed for total lead following United States Environmental Protection Agency (EPA) Test Method 6010B.
- Three randomly selected discrete soil samples were analyzed for soil pH using EPA Test Method 9045.

Asbestos Laboratory Analysis

The bulk samples were submitted to EMSL Analytical, Inc., a California-licensed and Caltrans-approved subcontractor, for asbestos analysis in accordance with EPA Test Method 600/R-93/116 using polarized light microscopy (PLM) under COC 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 10-working-day TAT.

ADL Analytical Results

Total lead was detected in three of the nine composite soil samples analyzed at concentrations ranging from 5.7 to 9.2 milligrams per kilogram (mg/kg). None of the nine composite soil samples had reported total lead concentrations greater than or equal to 50 mg/kg (ten times the STLC value for lead of 5.0 milligrams per liter [mg/l]).

Soil pH values ranged from 7.1 to 8.6.

A summary of the soil analytical results is presented in Table 2. The laboratory reports and COC documentation are presented in Appendix B.

Asbestos Analytical Results

Asbestos was not detected in samples representing suspect materials collected during our survey. The asbestos survey report is presented in Appendix A.

CONCLUSIONS AND RECOMMENDATIONS

ADL Soil Waste Classification/Disposal

Waste classifications are evaluated based on the 90% UCL of the lead content for the relevant excavation depths; this has historically been considered sufficient to satisfy a good faith effort by the EPA as discussed in SW-846. Risk assessment characterization is based on the 95% UCL of the lead content in the waste for the relevant depths; this is in accordance with the Risk Assessment Guidance for Superfund (RAGS) Volume 1 documentation for Exposure Assessment.

Soil materials excavated to a maximum depth of 3.0 ft at the Site can be reused onsite or disposed as non-hazardous soil with respect to lead content since the total lead concentrations are less than 50 mg/kg.

Per Caltrans requirements, the contractor(s) should prepare a project-specific Lead Compliance Plan (CCR Title 8, Section 1532.1, the "Lead in Construction" standard) to minimize worker exposure to lead-impacted soil. The plan should include protocols for environmental and personnel monitoring, requirements for personal protective equipment, and other health and safety protocols and procedures for the handling of lead-impacted soil.

Asbestos Survey

Since no asbestos was detected in samples collected during the survey, the Cal/OSHA asbestos standard does not apply for planned renovation activities at the site. In addition, debris from planned renovation activities would not be considered as a California hazardous waste based on asbestos content.

Written notification to U.S. EPA Region IX and the California Air Resources Board is required ten working days prior to commencement of *any* demolition activity (whether asbestos is present or not). For notification instructions, please see the following internet link: <http://www.arb.ca.gov/enf/asbestos/asbestosform.htm>.

Please contact us if there are any questions concerning the contents of this report or if we may be of further service.

Sincerely,

GEOCON CONSULTANTS, INC.


Gemma G. Reblando
Project Geologist


John E. Juhrend, PE, CEG
Project Manager



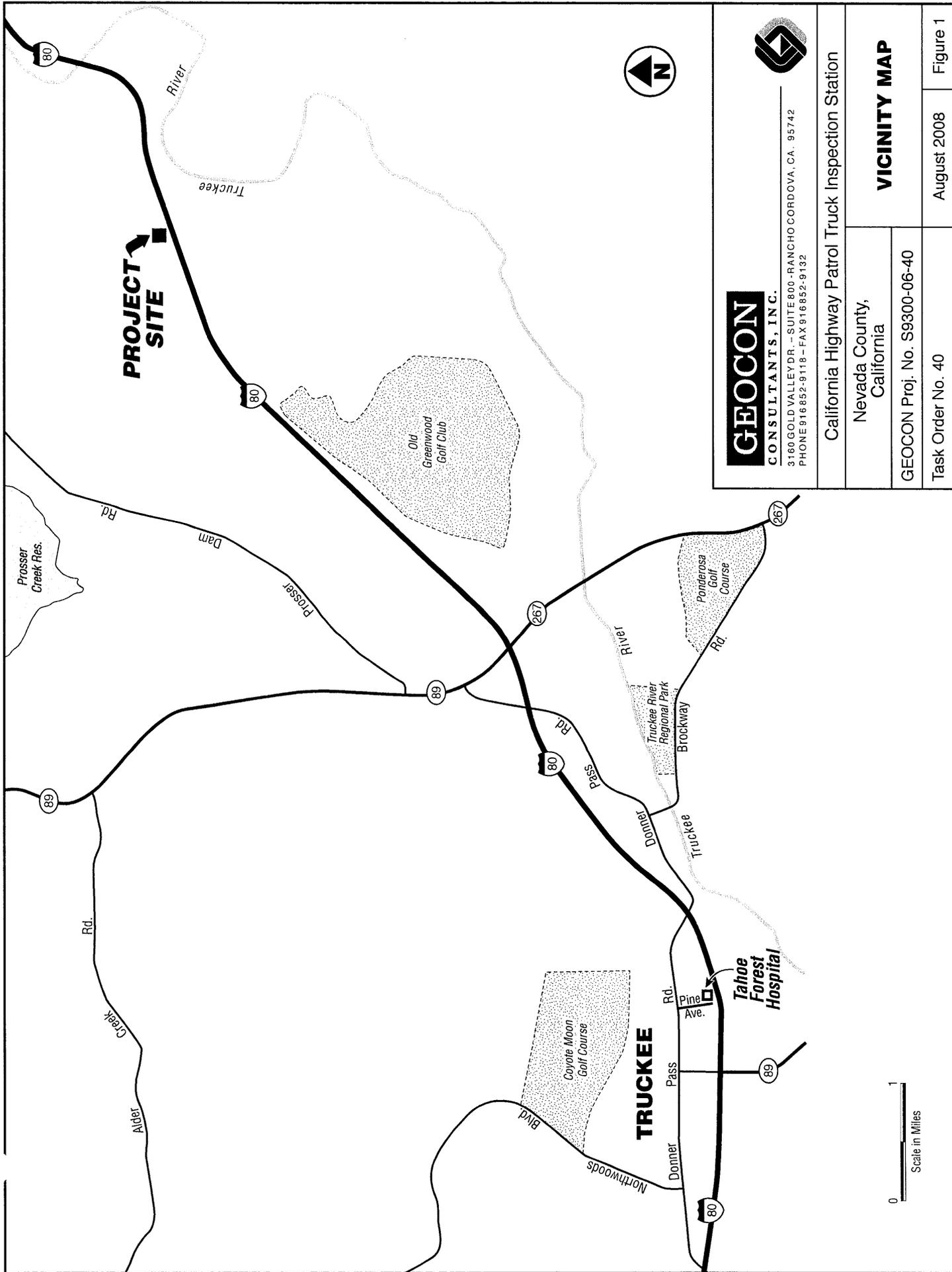
GGR:JEJ:jaj

(5 + 3 CDs) Addressee

Attachments: Figure 1, Vicinity Map
 Figure 2, Site Plan

Table 1, Summary of Soil Boring Coordinates
Table 2, Summary of Lead and Soil pH Analytical Results

Appendix A, *Asbestos Survey Report*, Truckee Truck Inspection Facility
Appendix B, Laboratory Report and Chain-of-custody Documentation



PROJECT SITE

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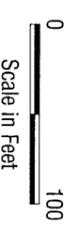


California Highway Patrol Truck Inspection Station	
Nevada County, California	VICINITY MAP
GEOCON Proj. No. S9300-06-40	
Task Order No. 40	August 2008
Figure 1	





LEGEND:
 TT1 ⊗ Approximate Direct-Push Boring Location



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California Highway Patrol Truck Inspection Station

Truckee, Nevada County,
 California

SITE PLAN

GEOCON Proj. No. S9300-06-40

Task Order No. 40

August 2008

Figure 2

TABLE 1
SUMMARY OF SOIL BORING COORDINATES
CALTRANS TASK ORDER NO. 40
CALIFORNIA HIGHWAY PATROL TRUCK INSPECTION STATION
TRUCKEE, NEVADA COUNTY, CALIFORNIA

BORING I.D.	LATITUDE	LONGITUDE
TT1	39.362591622	-120.128630991
TT2	39.362437516	-120.128986069
TT3	39.362352089	-120.129513569
TT4	39.362237118	-120.129896046
TT5	39.362394646	-120.128632991
TT6	39.362216609	-120.129533617
TT7	39.362024790	-120.130326274
TT8	39.361958456	-120.130535977
TT9	39.362161114	-120.129841155
TT10	39.361519652	-120.132068817

TABLE 2
 SUMMARY OF LEAD AND SOIL pH ANALYTICAL RESULTS
 CALTRANS TASK ORDER NO. 40
 CALIFORNIA HIGHWAY PATROL TRUCK INSPECTION STATION
 TRUCKEE, NEVADA COUNTY, CALIFORNIA

SAMPLE I.D.	SAMPLE DATE	TOTAL LEAD (mg/kg)	SOIL pH *
Composite TT1/4-0	5/21/2008	<5.0	---
Composite TT1/4-1	5/21/2008	<5.0	7.1 (TT2-1)
Composite TT1-2,TT3-2,TT4-2	5/21/2008	9.2	---
Composite TT5-0,TT6-0,TT9-0	5/21/2008	5.7	---
Composite TT5-1,TT6-1,TT9-1	5/21/2008	<5.0	---
Composite TT5-2,TT6-2,TT9-2	5/21/2008	<5.0	---
Composite TT7-0,TT8-0,TT10-0	5/21/2008	6.6	8.4 (TT10 -0)
Composite TT7-1,TT8-1,TT10-1	5/21/2008	<5.0	8.6 (TT7-1)
Composite TT7-2,TT8-2,TT10-2	5/21/2008	<5.0	---

Notes:

Composite TT1/4-0 - Composite sample identification consisting of discrete soil samples collected from borings TT1, TT2, TT3 and TT4
 at 0.0 to 1.0 foot depth interval

mg/kg = Milligrams per kilogram

--- = Not analyzed

< = Less than the laboratory method reporting limit

* = Discrete soil samples were analyzed for soil pH as indicated in parentheses.

APPENDIX

A

ASBESTOS SURVEY



**Equipment Rooms and
Truck Inspection Bays 1 Through 4
Truckee Truck Inspection Facility
Nevada County, California**

PREPARED FOR:

**CALIFORNIA DEPARTMENT OF TRANSPORTATION
DISTRICT 3
P.O. Box 911
MARYSVILLE, CALIFORNIA 95901**



PREPARED BY:

**GEOCON CONSULTANTS, INC.
3160 GOLD VALLEY DRIVE, SUITE 800
RANCHO CORDOVA, CALIFORNIA 95742**



GEOCON

**GEOCON PROJECT NO. S9300-06-40
TASK ORDER NO. 40, EA NO. 03-2C8600**

AUGUST 2008



Project No. S9300-06-40
August 15, 2008

Mr. Rajive Chadha
California Department of Transportation – District 3
703 B Street
Marysville, California 95901

Subject: EQUIPMENT ROOMS AND TRUCK INSPECTION BAYS 1 THROUGH 4
TRUCKEE TRUCK INSPECTION FACILITY
NEVADA COUNTY, CALIFORNIA
CONTRACT NO. 03A1368
TASK ORDER NO. 40, EA NO. 03-2C8600
ASBESTOS SURVEY REPORT

Dear Mr. Chadha:

In accordance with California Department of Transportation Contract No. 03A1368 and Task Order No. 40, we have performed an asbestos survey for the subject project in Nevada County, California. The scope of services included surveying the Truckee Truck Inspection Facility (TIF) equipment rooms and truck inspection bays 1 through 4 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.

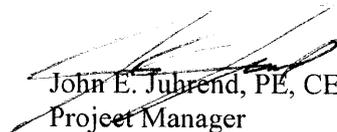
The contents of this report reflect the views of Geocon Consultants, Inc., who are responsible for the facts and accuracy of the data presented herein. The contents do not necessarily reflect the official views or policies of the State of California or the Federal Highway Administration. This report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


David A. Watts, CAC
Senior Project Scientist


John E. Juhrend, PE, CEG
Project Manager

DAW:JEJ:jaj

(5 + 3 CDs) Addressee

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FIGURES

1. Vicinity Map
2. Site Plan

PHOTOGRAPHS (1 through 6)

TABLE

1. Summary of Asbestos Results

APPENDIX

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

ASBESTOS SURVEY REPORT

1.0 INTRODUCTION

This asbestos survey report was prepared by Geocon Consultants, Inc. under Caltrans Contract No. 03A1368, Task Order No. 40 (TO-40).

1.1 Project Description

The project consists of the Truckee Truck Inspection Facility (TIF) equipment rooms and truck inspection bays 1 through 4 located along Interstate 80 in Nevada County, California. We performed asbestos survey activities at the project location. The project location is depicted on the Vicinity Map, Figure 1, and Site Plan, Figure 2.

1.2 General Objectives

The purpose of the scope of services outlined in TO-40 was to determine the presence and quantity of asbestos at the project location prior to renovation activities. Caltrans will use the information obtained from this investigation 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.

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 more 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 followed. 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 more than 0.1% asbestos (Title 8, CCR 341.6).

2.2 Architectural Drawings and Previous Survey Activities

We reviewed architectural plans provided by Caltrans in the field. We observed no evidence of asbestos use on the architectural plans provided. Previous 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, 2008), performed the asbestos survey at the project location on May 19, 2008.

Suspect ACM were grouped into homogeneous areas with representative samples randomly collected from each. In addition, each potential ACM was evaluated for condition (evidence of deterioration, physical damage, and water damage) and friability. A total of 12 bulk asbestos samples of suspect materials were collected.

Our procedures for inspection and sampling in accordance with TO-40 are discussed below:

- Collected bulk samples after first wetting friable 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 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 10-working-day 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

Asbestos was not detected in samples representing suspect materials 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

Since no asbestos was detected in samples collected during the survey, the Cal/OSHA asbestos standard does not apply for planned renovation activities at the site. In addition, debris from planned renovation activities would not be considered as a California hazardous waste based on asbestos content.

Written notification to U.S. EPA Region IX and the California Air Resources Board is required ten working days prior to commencement of *any* demolition activity (whether asbestos is present or not). For notification instructions, please see the following internet link: <http://www.arb.ca.gov/enf/asbestos/asbestosform.htm>.

6.0 REPORT LIMITATIONS

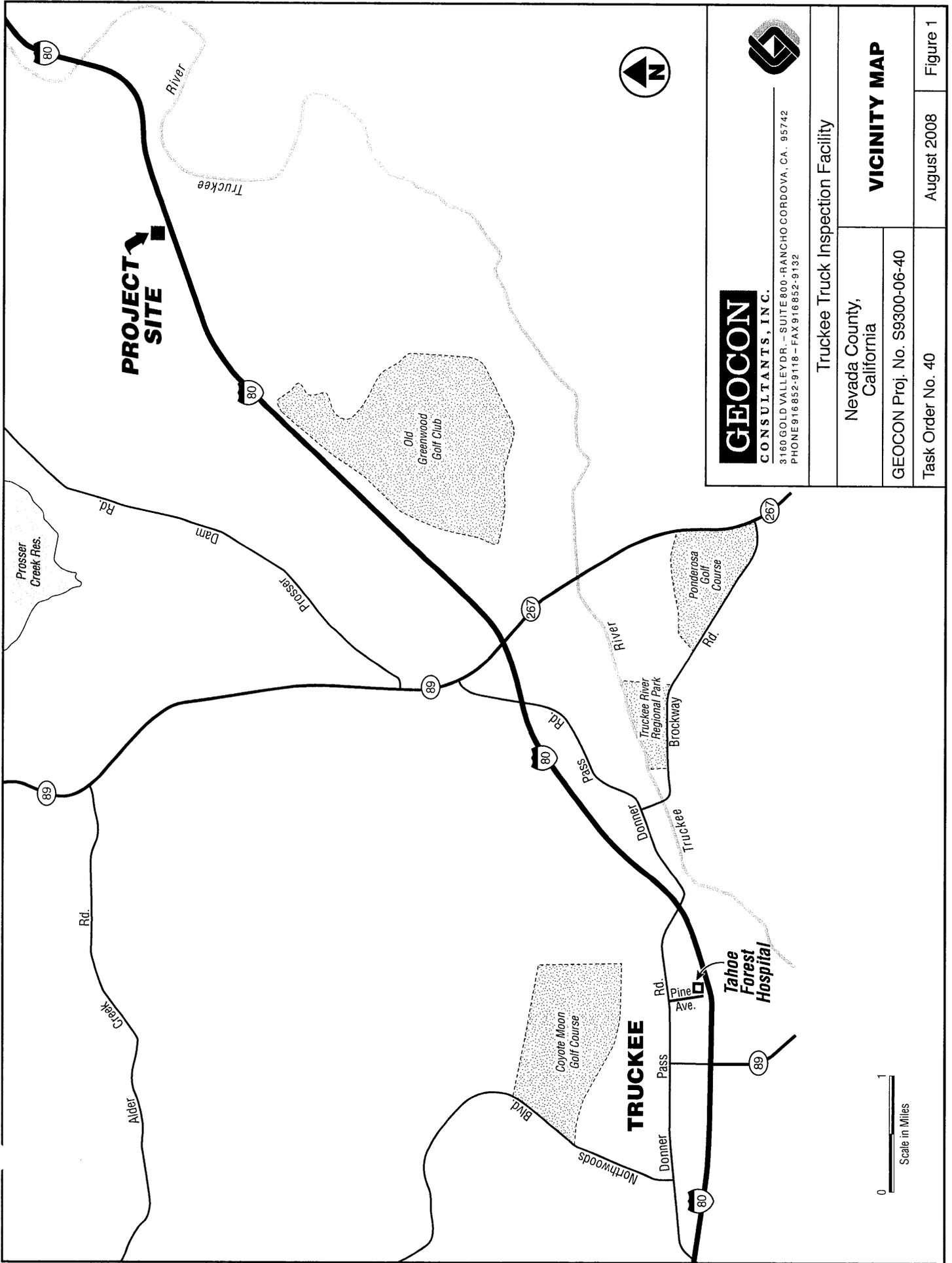
This asbestos survey was conducted in conformance with generally accepted standards of practice for identifying and evaluating asbestos in structures. The survey addressed only the structures identified in Section 1.1. Due to the nature of structure surveys, asbestos use, and laboratory analytical limitations, 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 Geocon's 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 in conjunction with this TO.

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 are 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.



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Truckee Truck Inspection Facility

Nevada County,
 California

VICINITY MAP

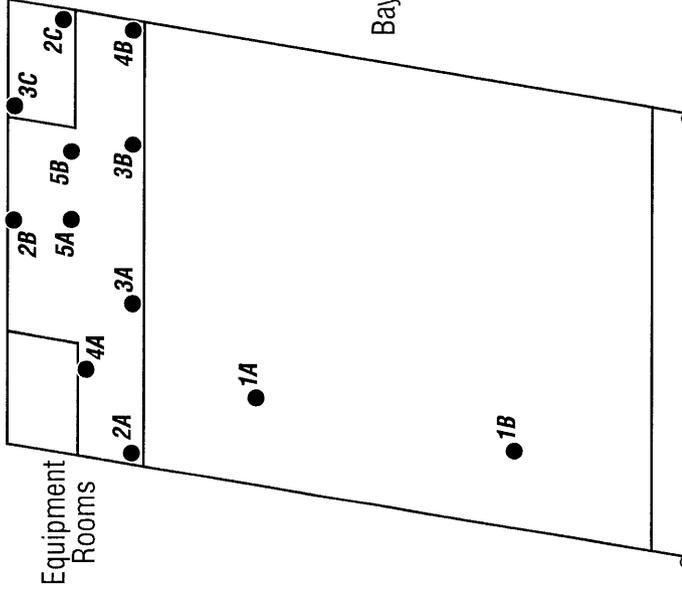
GEOCON Proj. No. S9300-06-40

Task Order No. 40

August 2008

Figure 1





Truck
Inspection
Bays 1 through 4

SCALE APPROXIMATE

GEOCON
CONSULTANTS, INC.



3160 GOLD VALLEY DR., SUITE 800 - RANCHO CORDOVA, CA. 95742
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Truckee Truck Inspection Facility

Nevada County,
California

SITE PLAN

GEOCON Proj. No. S9300-06-40

Task Order No. 40

August 2008

Figure 2

LEGEND:

- Approximate Asbestos Sample Location

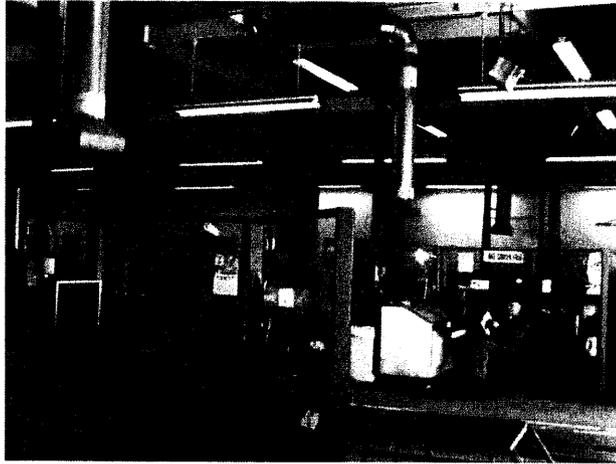


Photo 1 – Truck inspection bays 1 through 4

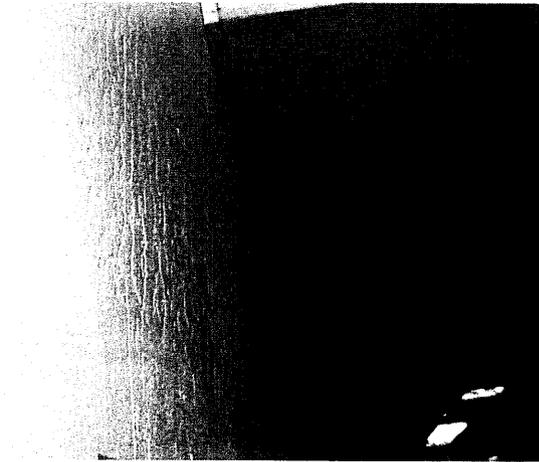


Photo 2 – Gypsum board wall systems and acoustic ceiling panels

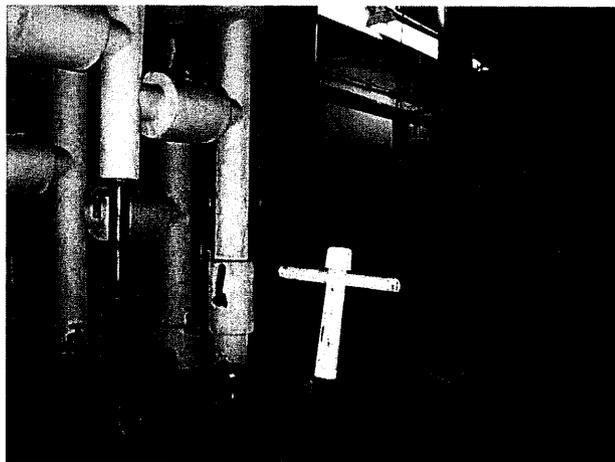


Photo 3 – Boiler room



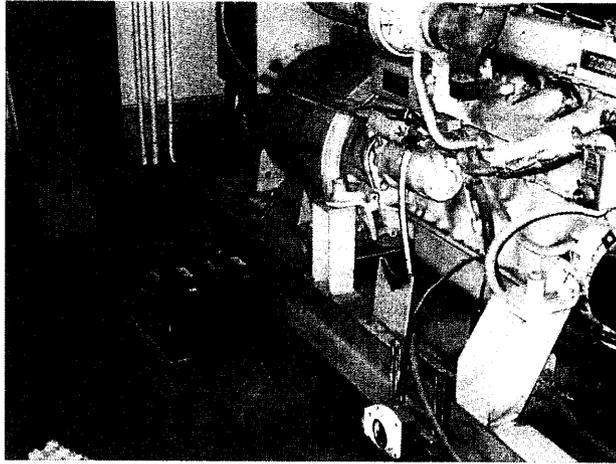


Photo 4 – Generator room

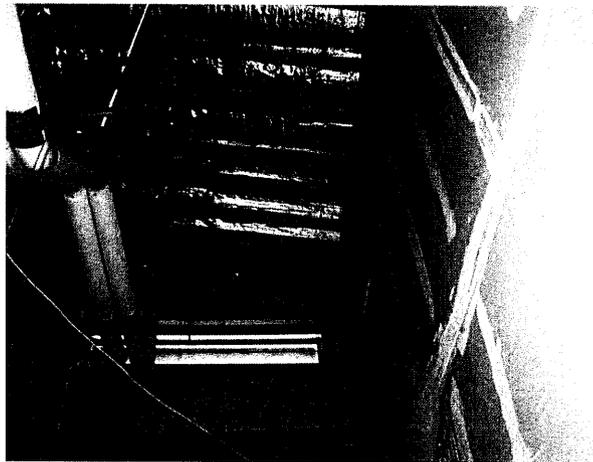


Photo 5 – Ceiling cavity

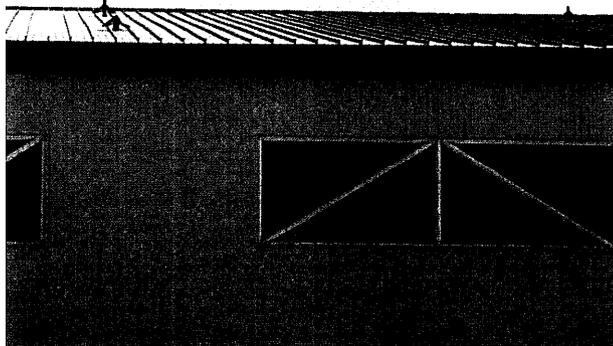


Photo 6 – Sheet metal roofing system

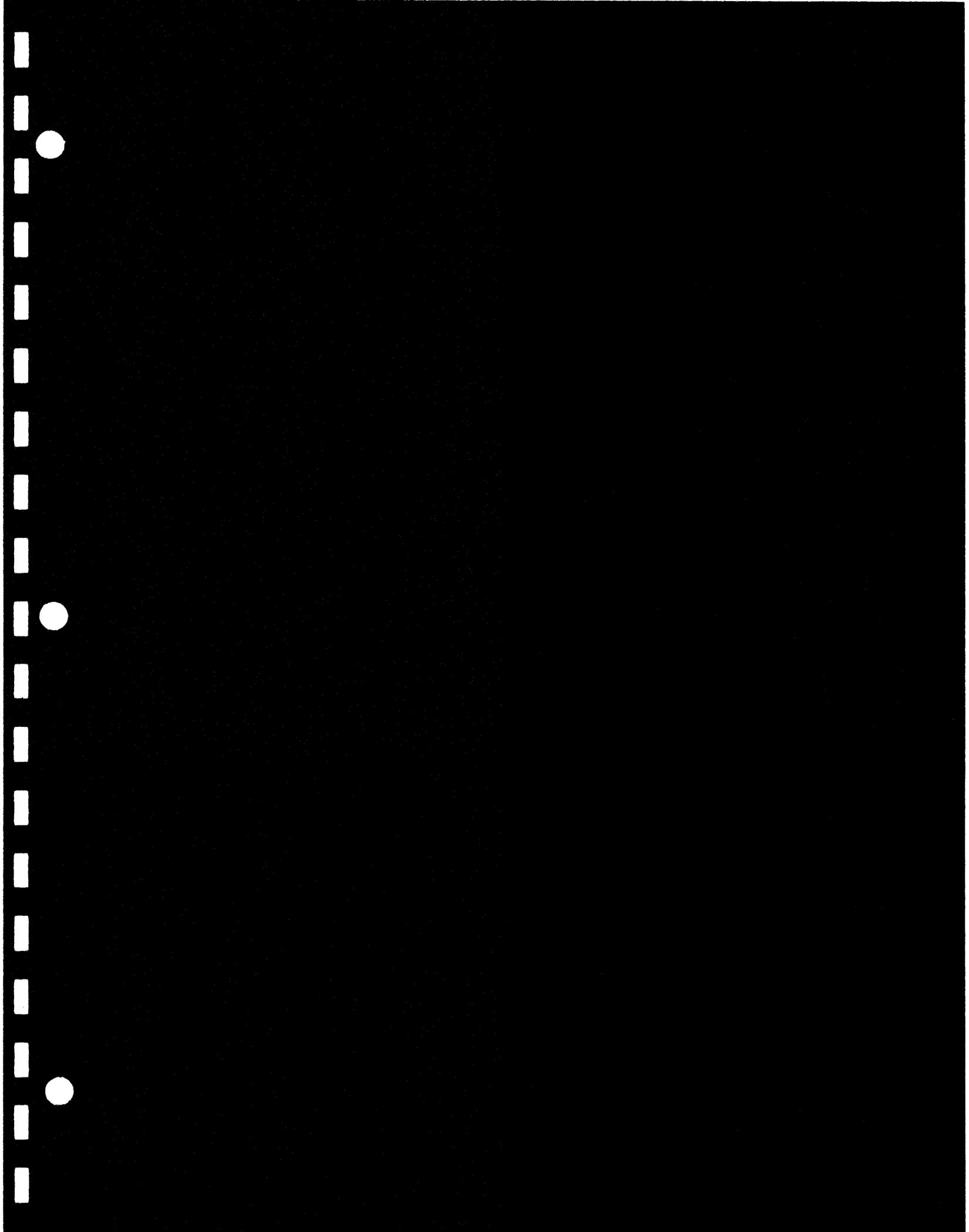


TABLE 1
 SUMMARY OF ASBESTOS RESULTS
 TRUCKEE TRUCK INSPECTION FACILITY (EQUIPMENT ROOMS AND TRUCK INSPECTION BAYS 1 THROUGH 4)
 CALTRANS CONTRACT 03A1368, TASK ORDER NO. 40, EA 03-2C8600
 NEVADA COUNTY, CALIFORNIA
 Polarized Light Microscopy (PLM) - EPA Test Method 600/R-93/116

Sample Group	Description of Material	Approximate Quantity	Friable	Site Photos	Asbestos Concentration
1	Duct tape	NA	NA	1	ND
2	Gypsum board systems	NA	NA	2	ND
3	Texturing (gypsum board)	NA	NA	2	ND
4	Ceiling panels	NA	NA	2	ND
5	Canvas wrap (pipe jackets)	NA	NA	3	ND

Notes:

NA = Not applicable (no asbestos detected)
 ND = Not detected





EMSL Analytical, Inc

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

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

Attn: **David Watts**
Geocon Consultants
6671 Brisa Street
Livermore, CA 94550

Customer ID: GECN21
Customer PO: S9300-06-40
Received: 05/21/08 9:00 AM
EMSL Order: 090803539

Fax: (925) 371-5915 Phone: (925) 371-5900
Project: **S9300-06-40, Truckee TIF, Placer CO, CA**

EMSL Proj: S9300-06-**
Analysis Date: 5/28/2008
Report Date: 5/28/2008

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

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1A, Duct tape 090803539-0001		White Fibrous Homogeneous	50% Cellulose	50% Non-fibrous (other)	None Detected
1B, Duct tape 090803539-0002		White Fibrous Homogeneous	50% Cellulose	50% Non-fibrous (other)	None Detected
A, Drywall 090803539-0003		White Fibrous Heterogeneous	10% Cellulose 5% Glass	85% Non-fibrous (other)	None Detected
2A-B, Joint compound 090803539-0003A		White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2B-A, Drywall 090803539-0004		White Fibrous Heterogeneous	10% Cellulose 5% Glass	85% Non-fibrous (other)	None Detected
2B-B, Joint compound 090803539-0004A		White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
2C-A, Drywall 090803539-0005		Brown Fibrous Heterogeneous	10% Cellulose 5% Glass	85% Non-fibrous (other)	None Detected

Analyst(s)

Yulia Grozman (16)

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.

NVLAP Lab Code 101048-3



EMSL Analytical, Inc

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

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

Attn: **David Watts**
Geocon Consultants
6671 Brisa Street
Livermore, CA 94550

Customer ID: GECN21
Customer PO: S9300-06-40
Received: 05/21/08 9:00 AM
EMSL Order: 090803539

EMSL Proj: S9300-06-**
Analysis Date: 5/28/2008
Report Date: 5/28/2008

Fax: (925) 371-5915 Phone: (925) 371-5900
Project: **S9300-06-40, Truckee TIF, Placer CO, CA**

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

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
2C-B, Joint compound 090803539-0005A		White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
3A, Texturing gypsum board 090803539-0006		White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
3B, Texturing gypsum board 090803539-0007		White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
3C, Texturing gypsum board 090803539-0008		White Non-Fibrous Heterogeneous		100% Non-fibrous (other)	None Detected
4A, Ceiling panels 090803539-0009		Tan Fibrous Heterogeneous	30% Cellulose 30% Min. Wool	10% Non-fibrous (other) 30% Perlite	None Detected
4B, Ceiling panels 090803539-0010		Tan Fibrous Heterogeneous	30% Cellulose 30% Min. Wool	10% Non-fibrous (other) 30% Perlite	None Detected
5A-A, Canvas wrap 090803539-0011		White Fibrous Homogeneous	50% Cellulose	50% Non-fibrous (other)	None Detected

Analyst(s)

Yulia Grozman (16)


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.

NVLAP Lab Code 101048-3



EMSL Analytical, Inc

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

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

Attn: **David Watts**
Geocon Consultants
6671 Brisa Street
Livermore, CA 94550

Fax: (925) 371-5915 Phone: (925) 371-5900
Project: **S9300-06-40, Truckee TIF, Placer CO, CA**

Customer ID: GECN21
Customer PO: S9300-06-40
Received: 05/21/08 9:00 AM
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EMSL Proj: S9300-06-**
Analysis Date: 5/28/2008
Report Date: 5/28/2008

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

Sample	Location	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
5A-B, Insulation 090803539-0011A		Yellow Fibrous Homogeneous	95% Glass	5% Non-fibrous (other)	None Detected
5B, Canvas wrap, jacket 090803539-0012		White Fibrous Homogeneous	50% Cellulose	50% Non-fibrous (other)	None Detected

Analyst(s) _____

Yulia Grozman (16)

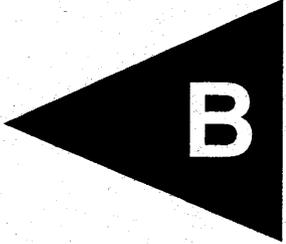
[Signature]

Baojia Ke, Laboratory Manager
or other approved signatory

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NVLAP Lab Code 101048-3

APPENDIX

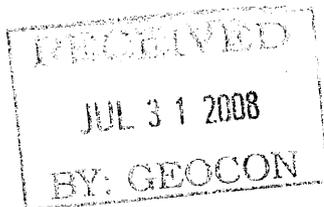


B

July 18, 2008



David Bieber
Geocon Consultants, Inc.
3160 Gold Valley Drive, Suite 800
Rancho Cordova, CA 95742
TEL: (916) 852-9118
FAX: (916) 852-9132



ELAP No.: 1838
NELAP No.: 02107CA
NEVADA.: CA-401
Arizona: AZ0689
CSDLAC No.: 10196
Workorder No.: 098922

RE: PLA-80 ADL & NOA, S9300-06-40

Attention: David Bieber

Enclosed are the results for sample(s) received on May 22, 2008 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

This is an addendum report. Please incorporate with documentation previously submitted.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

The cover letter is an integral part of this analytical report. This Laboratory Report cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories.



CLIENT: Geocon Consultants, Inc.
Project: PLA-80 ADL & NOA, S9300-06-40
Lab Order: 098922

CASE NARRATIVE

Analytical Comments for Method 6010

RPD for Matrix Spike (MS)/Matrix Spike Duplicate (MSD) is outside criteria for sample 098922-272AMSD; however, the analytical batch was validated by the Laboratory Control Sample (LCS).



ANALYTICAL RESULTS

**LEAD BY ICP
EPA 6010B**

CLIENT:	Geocon Consultants, Inc.	Lab Order:	098922
Project:	PLA-80 ADL & NOA, S9300-06-40	Date Received	5/22/2008 9:40:00 AM
Project No:		Matrix:	Soil
Analyte:	Lead	Analyst:	CL

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
098922-270A	Composite TT1/4-0	ND	mg/Kg	45992	5.0	1	5/21/2008	5/29/2008
098922-271A	Composite TT1/4-1	ND	mg/Kg	45992	5.0	1	5/21/2008	5/29/2008
098922-272A	Composite TT1-2,TT3-2,TT4-2	9.2	mg/Kg	45992	5.0	1	5/21/2008	5/29/2008
098922-273A	Composite TT5-0,TT6-0,TT9-0	5.7	mg/Kg	45993	5.0	1	5/21/2008	5/30/2008
098922-274A	Composite TT5-1,TT6-1,TT9-1	ND	mg/Kg	45993	5.0	1	5/21/2008	5/30/2008
098922-275A	Composite TT5-2,TT6-2,TT9-2	ND	mg/Kg	45993	5.0	1	5/21/2008	5/30/2008
098922-276A	Composite TT7-0,TT8-0,TT10-0	6.6	mg/Kg	45993	5.0	1	5/21/2008	5/30/2008
098922-277A	Composite TT7-1,TT8-1,TT10-1	ND	mg/Kg	45993	5.0	1	5/21/2008	5/30/2008
098922-278A	Composite TT7-2,TT8-2,TT10-2	ND	mg/Kg	45993	5.0	1	5/21/2008	5/30/2008

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	S Spike/Surrogate outside of limits due to matrix interference	Results are wet unless otherwise specified
	DO Surrogate Diluted Out	



ANALYTICAL RESULTS

**pH
EPA 9045C**

CLIENT:	Geocon Consultants, Inc.	Lab Order:	098922
Project:	PLA-80 ADL & NOA, S9300-06-40	Date Received	5/22/2008 9:40:00 AM
Project No:		Matrix:	Soil
Analyte:	pH	Analyst:	CNP

Laboratory ID	Client Sample ID	Results	Units	QC Batch	PQL	DF	Date Collected	Date Analyzed
098922-182A	TT2-1	7.1	pH Units	R95176	0.10	1	5/21/2008	5/30/2008
098922-196A	TT7-1	8.6	pH Units	R95176	0.10	1	5/21/2008	5/30/2008
098922-204A	TT10-0	8.4	pH Units	R95176	0.10	1	5/21/2008	5/30/2008

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		





CLIENT: Geocon Consultants, Inc.
Work Order: 098922
Project: PLA-80 ADL & NOA, S9300-06-40

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_SPB

Sample ID: MB-45992A	SampType: MBLK	TestCode: 6010_SPB	Units: mg/Kg	RunNo: 95179
Client ID: PBS	Batch ID: 45992	TestNo: EPA 6010B	EPA 3050M	SeqNo: 1467930
Analyte	Result	PQL	SPK value	SPK Ref Val
		%REC	LowLimit	HighLimit
			RPD	RPDLimit
Lead	ND	5.0		Qual

Sample ID: LCS-45992	SampType: LCS	TestCode: 6010_SPB	Units: mg/Kg	RunNo: 95179
Client ID: LCSS	Batch ID: 45992	TestNo: EPA 6010B	EPA 3050M	SeqNo: 1467931
Analyte	Result	PQL	SPK value	SPK Ref Val
		%REC	LowLimit	HighLimit
			RPD	RPDLimit
Lead	267.764	5.0	250.0	0
			107	80
				120

Sample ID: 098922-262ADUP	SampType: DUP	TestCode: 6010_SPB	Units: mg/Kg	RunNo: 95179
Client ID: Composite EBMS/10	Batch ID: 45992	TestNo: EPA 6010B	EPA 3050M	SeqNo: 1467942
Analyte	Result	PQL	SPK value	SPK Ref Val
		%REC	LowLimit	HighLimit
			RPD	RPDLimit
Lead	25.492	5.0		30.17
				16.8
				20

Sample ID: 098922-262AMS	SampType: MS	TestCode: 6010_SPB	Units: mg/Kg	RunNo: 95179
Client ID: Composite EBMS/10	Batch ID: 45992	TestNo: EPA 6010B	EPA 3050M	SeqNo: 1467943
Analyte	Result	PQL	SPK value	SPK Ref Val
		%REC	LowLimit	HighLimit
			RPD	RPDLimit
Lead	205.368	5.0	250.0	30.17
			70.1	45
				110

Sample ID: MB-45992B	SampType: MBLK	TestCode: 6010_SPB	Units: mg/Kg	RunNo: 95179
Client ID: PBS	Batch ID: 45992	TestNo: EPA 6010B	EPA 3050M	SeqNo: 1467944
Analyte	Result	PQL	SPK value	SPK Ref Val
		%REC	LowLimit	HighLimit
			RPD	RPDLimit
Lead	ND	5.0		Qual

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out
 E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference



CLIENT: Geocon Consultants, Inc.
Work Order: 098922
Project: PLA-80 ADL & NOA, S9300-06-40

TestCode: 6010_SPB

ANALYTICAL QC SUMMARY REPORT

Sample ID: 098922-272ADUP	SampType: DUP	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 5/29/2008	RunNo: 95179						
Client ID: Composite TT1-2,TT	Batch ID: 45992	TestNo: EPA 6010B	EPA 3050M	Analysis Date: 5/29/2008	SeqNo: 1467955						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	3.131	5.0					9.173		0	20	

Sample ID: 098922-272AMS	SampType: MS	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 5/29/2008	RunNo: 95179						
Client ID: Composite TT1-2,TT	Batch ID: 45992	TestNo: EPA 6010B	EPA 3050M	Analysis Date: 5/29/2008	SeqNo: 1467956						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	136.313	5.0	250.0	9.173	50.9	45	110				

Sample ID: 098922-272AMSD	SampType: MSD	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 5/29/2008	RunNo: 95179						
Client ID: Composite TT1-2,TT	Batch ID: 45992	TestNo: EPA 6010B	EPA 3050M	Analysis Date: 5/29/2008	SeqNo: 1467957						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	171.008	5.0	250.0	9.173	64.7	45	110	136.3	22.6	20	R

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- Calculations are based on raw values
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_SPB

CLIENT: Geokon Consultants, Inc.
Work Order: 098922
Project: PLA-80 ADL & NOA, S9300-06-40

Sample ID: MB-45993	SampType: MBLK	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 5/29/2008	RunNo: 95247						
Client ID: PBS	Batch ID: 45993	TestNo: EPA 6010B	EPA 3050M	Analysis Date: 5/30/2008	SeqNo: 1468896						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0									

Sample ID: LCS-45993	SampType: LCS	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 5/29/2008	RunNo: 95247						
Client ID: LCSS	Batch ID: 45993	TestNo: EPA 6010B	EPA 3050M	Analysis Date: 5/30/2008	SeqNo: 1468897						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	238.890	5.0	250.0	0	95.6	80	120				

Sample ID: 098922-278ADUP	SampType: DUP	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 5/29/2008	RunNo: 95247						
Client ID: Composite T7-2,TT	Batch ID: 45993	TestNo: EPA 6010B	EPA 3050M	Analysis Date: 5/30/2008	SeqNo: 1468904						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.829	5.0			0.4796				0	20	

Sample ID: 098922-278AMS	SampType: MS	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 5/29/2008	RunNo: 95247						
Client ID: Composite T7-2,TT	Batch ID: 45993	TestNo: EPA 6010B	EPA 3050M	Analysis Date: 5/30/2008	SeqNo: 1468905						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	171.440	5.0	250.0	0.4796	68.4	45	110				

Sample ID: 098922-278AMSD	SampType: MSD	TestCode: 6010_SPB	Units: mg/Kg	Prep Date: 5/29/2008	RunNo: 95247						
Client ID: Composite T7-2,TT	Batch ID: 45993	TestNo: EPA 6010B	EPA 3050M	Analysis Date: 5/30/2008	SeqNo: 1468906						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	159.891	5.0	250.0	0.4796	63.8	45	110	171.4	6.97	20	

Qualifiers:
 B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out
 E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference



ANALYTICAL QC SUMMARY REPORT

TestCode: 9045_S

CLIENT: Geocon Consultants, Inc.
Work Order: 098922
Project: PLA-80 ADL & NOA, S9300-06-40

Sample ID: 098922-213ADUP	SampType: DUP	TestCode: 9045_S	Units: pH Units	Prep Date:	RunNo: 95176						
Client ID: EBS2	Batch ID: R95176	TestNo: EPA 9045C		Analysis Date: 5/30/2008	SeqNo: 1467978						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	7.250	0.10						7.350	1.37		20

Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 DO Surrogate Diluted Out
 E Value above quantitation range
 R RPD outside accepted recovery limits
 Calculations are based on raw values
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

Diane Galvan

From: Gemma Reblando [reblando@geoconinc.com]
Sent: Friday, July 18, 2008 3:35 PM
To: Diane Galvan
Subject: PLA-80 ADL Lab Order 098922

Hi Diane – please add the following discrete soil samples for pH analysis to the separate lab report mentioned in my email below:

- 182A
- 196A
- 204A

Thanks.

Sincerely,

Gemma Reblando

Project Geologist

Geocon Consultants, Inc.
3160 Gold Valley Drive, Suite 800
Rancho Cordova, CA 95742
916.852.9118 Tel
916.852.9132 Fax
908.1914 Mobile
distri



GEOCON

GEOTECHNICAL [SB!] (B ENVIRONMENTAL [SB!] (B MATERIALS

San Diego Murrieta Burbank San Bernardino Bakersfield Sacramento Livermore Carson City Las Vegas Portland

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From: Gemma Reblando [mailto:reblando@geoconinc.com]
Sent: Wednesday, July 09, 2008 1:43 PM
To: Diane Galvan
Subject: PLA-80 ADL Lab Order 098922

Hi Diane – per our conversation, could you generate a separate lab report for the following samples:

- 270A (Composite TT1/4-0)
- 271A (Composite TT1/4-1)
- 272A (Composite TT1-2,TT3-2,TT4-2)
- 273A (Composite TT5-0,TT6-0,TT9-0)
- 274A (Composite TT5-1,TT6-1,TT9-1)
- 275A (Composite TT5-2,TT6-2,TT9-2)
- 276A (Composite TT7-0,TT8-0,TT10-0)
- 277A (Composite TT7-1,TT8-1,TT10-1)
- 278A (Composite TT7-2,TT8-2,TT10-2)

7/18/2008

Sincerely,

Gemma Reblando

Project Geologist

Geocon Consultants, Inc.
3160 Gold Valley Drive, Suite 800
Rancho Cordova, CA 95742
916.852.9118 Tel
916.852.9132 Fax
916.508.1914 Mobile



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