FOR CONTRACT NO.: 09-310604

INFORMATION HANDOUT

MATERIALS INFORMATION

EXISTING UTILITY FACILITIES

ASBESTOS AND DETERIORATED
LEAD-CONTAINING PAINT SURVEY
July 2008

ROUTE: 09-Iny-5505

EXISTING UTILITY FACILITIES

Electrical	In Use	1" line
Domestic Water	Abandoned	2" line
Fire Water		3" line
Sewer		Sewer
Communication Cable		240v Electrical Conductors
Gas		4" C/0

Manhole
Vault

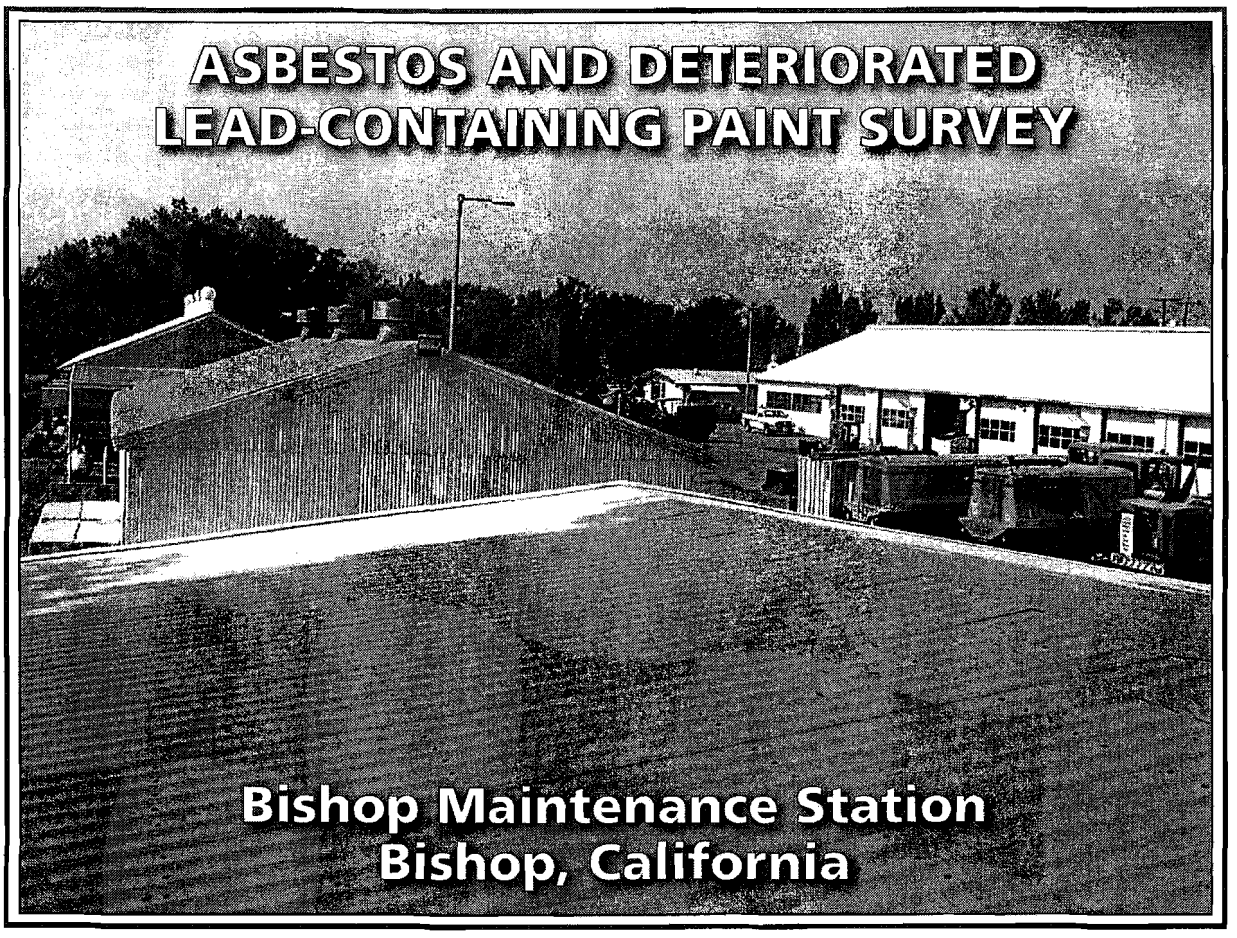
Ultility	Over Head / Buried	Location	Specific	In Use / Abandoned	In Disturbed Work Zone	Disturbed Location	Project work at this location	Appears on Sheet U-1 as:	Note:
Electrical	UG	Parts Room	Outside East Wall of Parts Room	In Use	No	None	None	Electric Vault	Pull box for Weld Shop Main Electrical Run; Plainly visible
Electrical	UG	Weld Shop	Outside West Wall of Weld Shop Warehouse	In Use	No	None	None	Electric Vault	Pull box for Weld Shop Main Electrical Run; Plainly visible
Electrical	UG	Weld Shop	Between Parts Room and Weld shop parking lot vaults	In Use	No	None	None	Electric	Main Electrical Run to Weld Shop Bldg
Sewer	UG	Weld Shop	West end of South Exterior Wall	In Use	No	None	None	Sewer C/0	C/O for ADA Restroom in Weld Shop Warehouse
Sewer	UG	Employee Parking Lot	Northeast Corner area of Employee Parking Lot	In Use	No	None	None	Lift Station	Lift Station for Effluent from ADA Restroom in Weld Shop Warehouse
Well	UG	Employee Parking Lot	Midspan of East end of Employee Parking Lot	In Use	No	None	None	Monitoring Well Access	FYI
Water	UG	Weld Shop	Near Entrance to Warehouse	In Use	No	None	None	Water Valve	Main Water Valve for Weld Shop Building
Sewer	UG	South End of Shop 29 Facility	Spanning from East Employee Parking lot to West PPT Limit	In Use	Yes	Walkway (Plan C-4)	Sidewalk Location (Plan C-4)	6" Sewer Line	Sewer run from Lift Station to Facility Main Sewer Line
Water	UG	Supt Office Bldg	Outside Supt Office Bldg Mechanical Room	In Use	No	None	None	Water Meter	FYI

Sewer	UG	Motor Repair Shop	South End of West Exterior Wall of Motor Repair Shop along walkway.	In Use	Yes	Walkway (Plan C-4)	Sidewalk Location (Plan C-4)	Sewer Vault	
Water	UG	Motor Repair Shop / Weld Shop Warehouse	Traversing Parking Lot from W to E then along Weld Shop from N to S	In Use	Yes	Motor Repair Shop Remove Burried PCC	Install Concrete Apron at Motor Repair Shop	2" Water Line	Main Water Supply for Weld Shop and Warehouse
Air	UG	Motor Repair Shop / Weld Shop Warehouse	Traversing Parking Lot from W to E then along Weld Shop from N to S	Abandoned	No	None	None	1" Air Line	
Air	UG	Motor Repair Shop / Clarifier	Traversing Parking Lot from W to E then along Weld Shop from N to S	Abandoned	No	None	None	1" Air Line	
Electrical	Above Ground	Near Security Gate Behind MRS (SW)	Next to Light Pole	In Use	No	None	None	112 KVA Transformer	Main Step Down Transformer for Shop 29
Electrical	UG	Behind Shop 29	Spaning across pass walkway along back of Shop 29	In Use	Yes	At North End of New Sidewalk	Concrete Sidewalk	Main Electrical Feed	
Air	UG	Between MRS & Clarifier Bldg	Spanning from S to N just E of the doors to the MRS Boiler Room.	Abandoned	Yes	Entire Length	New Oversized Service Bay	1" Air Line	
Sewer									
Air	UG	N End of NSB	Tapping into Air Supply in MRS and diving under pavement to NSB	NEW tapping into Existing	Yes	N End of MRS	Same	1" Ari Line	New Item
Fuel Oil	UG	NW Crnr of MRS	Running Parallel along NW Crnr of MRS then in direction of Clarifier Bldg (North).	Abandoned	Yes	Sewer / Swale	NSB Sewer / Swale	1" Fuel Oil Line	
Fire	UG	Behind Shop MRS	Between MRS & Midspan of Bldg D	In Use	No	None	None	2ea - 1" PVC	Fire Alarm

Fuel Oil	UG	Behind Shop MRS	Between MRS & Midspan of Bldg C	In Use	No	None	Near to NSB Sewer / Swale	1" Fuel Oil Line	FYI
Sewer	UG	Behind Shop MRS	Between MRS Running Along Entire Length of Bldgs	In Use	Yes	NSB	Sewer connection for NSB	6" VS Sewer	
Electrical	UG	Behind Shop MRS	Between MRS Running Along Entire Length of Bldgs	In Use	Yes	NSB	Near West Footing for NSB	3" Rigid Electric	Hand locate before machine excavation - not necessary to relocate
Fire Valve	Above Ground	N Ext of MRS	Between MRS and NSB	In Use	Yes	NSB	New PCC	Fire Valve	This item extends 3' above ground - not necessary to relocate - use caution when moving equipment in this area.
Water Valve	At Ground Level	E Ext of MRS	Near Bays 3, 5, & 7	In Use	Yes	Concrete Apron	Remove & Replace Concrete Apron	Water Valve	Access to these valves will
Fire	UG	MRS Bldg	Along front of MRS	In Use	Yes	Repair Bays	Remove & Replace Concrete Apron	6" Fire Water Line	FYI; This item is deep below ground and should not be affected by removal and replacement of PCCs but same line will be tapped into for Weld Shop Fire Water.
Water	UG	MRS Bldg	Along front of MRS	In Use	Yes	Concrete Apron	Remove & Replace Concrete Apron	2" Water Line	FYI; This item is below buried PCC that will be removed and should be hand located to ensure it is not disturbed or damaged. Water valves being sleeved through slab are part of this water system
Fire	UG	MRS Bldg	Between MRS Bldg and NSB and along front of MRS	In Use	Yes	Driveway along front of MRS	4" Fire Water Line	6" Fire Water	This item is below ground and runs N & S
Fire	UG	Between MRS & Weld Shop	From Aprox Midspan on E Side of MRS to far N Crnr of W side of Weld Shop	NEW tapping into Existing	Yes	Same	Same	4" Fire Water Line	This Item Traverses Yard/Parking Lot and will encounter 2 abandoned fuel lines.

Fuel Oil	UG	MRS Bldg	Between MRS Bldg and NSB and along front of MRS	In Use	Yes	Driveway along front of MRS	4" Fire Water Line	1 1/4" Fuel Oil	Cut and Cap when encountered
Fuel Oil	UG	MRS Bldg	Between MRS Bldg and NSB and along front of MRS	In Use	Yes	Driveway along front of MRS	4" Fire Water Line	3/4" Fuel Oil Line	Cut and Cap when encountered
Gas	Above Ground	Weld Shop Yard	N of Canopy in Ctr of Paved Yard	NEW	Yes	Same	Same	Low Pressure Gas Tank	New Tank to Replace Older Smaller One
Gas	UG	Weld Shop Yard	N of Canopy From Location of Old Gas tank to Location of New Gas Tank	NEW	Yes	Same	Same	Low Pressure Gas Line	Line to New Low Pressure Gas Tank
Sewer	At Ground Level	Clarifier Bldg	Along Fence near SW Cnr of Clarifier Bldg	In Use	Yes	Fence	Remove & Replace Fence; Remove & Replace Pavement; Raise Vault Lid	Sewer Vault	Raise Lid
Sewer	At Ground Level	Clarifier Bldg	Adjacent to Washrack	In Use	Yes	Pavement Conform	Remove & Replace Pavement;	Sewer Clean Out	Re-set same C/O lid
Gas Line	UG	NW Shop Yard Area	Beginning at Northmost Propane tank and crossing entire yard to opposite fence	Abandoned	Yes	NW Shop Yard	Burial of 3" Electrical conduit	Low Pressure Gas Line	Cut if necessary (capping not necessary)
Gas Line	UG	Behind Clarifier/Wash Rack Bldgs	Tapping into Existing Gas Line Behind Wash Rack Bldg and Running UG to NW corner of NSB	NEW	Yes	Same	Same	1" Low Pressure Gas Line	LP Gas Supply Line to NSB
Gas Tank	Above Ground	NW Shop Yard Area	East of DO complex	In Use	No	None	None	Low Pressure Gas Tank	FYI
Well	At Ground Level	NW Shop Yard Area	Near New Inground Clarifier Location	In Use	No	None	None	Monitoring Well Access	FYI

ASBESTOS AND DETERIORATED LEAD-CONTAINING PAINT SURVEY



Bishop Maintenance Station
Bishop, California

PREPARED FOR:

CALIFORNIA DEPARTMENT OF TRANSPORTATION
500 SOUTH MAIN STREET
BISHOP, CALIFORNIA

Caltrans

PREPARED BY:

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

GEOCON

GEOCON PROJECT NO. S9200-06-52
CALTRANS CONTRACT 06A1141
TASK ORDER NO. 52, EA NO. 09-310601

JULY 2008

GEOCON
CONSULTANTS, INC.
GEOTECHNICAL ■ ENVIRONMENTAL ■ MATERIALS

Project No. S9200-06-52
July 24, 2008

Mr. Daniel Holland, Task Order Manager
Caltrans District 9
500 South Main Street
Bishop, California 93514

Subject: BISHOP MAINTENANCE STATION (SHOP 29)
500 MAIN STREET IN BISHOP, INYO COUNTY, CALIFORNIA
CONTRACT NO. 06A1141
TASK ORDER NO. 52, EA NO. 09-310601
ASBESTOS AND DETERIORATED LEAD-CONTAINING PAINT SURVEY

Dear Mr. Holland:

In accordance with California Department of Transportation Contract No. 06A1141 and Task Order No. 52, we have performed an asbestos and deteriorated lead-containing paint (LCP) survey of the subject property in Mono County, California. Our scope of services included surveying the subject maintenance station (MS) for suspect asbestos-containing materials and deteriorated (peeling/flaking) LCP, collecting bulk samples, and submitting the samples to laboratories for analyses.

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

REGISTERED PROFESSIONAL ENGINEER
JOHN JUHREND
No. 46681
Exp. 06/30/09
CIVIL
STATE OF CALIFORNIA

DAW:JEJ:jaj

(5 + 2 CD) Addressee

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ASBESTOS AND DETERIORATED LEAD-CONTAINING PAINT SURVEY REPORT Page

ASBESTOS AND DETERIORATED LEAD-CONTAINING PAINT SURVEY REPORT

1.0 INTRODUCTION

This asbestos and deteriorated lead-containing paint (LCP) survey report was prepared by Geocon Consultants, Inc. under Caltrans Contract No. 06A1141, Task Order No. 52 (TO-52).

1.1 Project Description

The project consists of the Bishop Maintenance Station (Shop 29) located at 500 Main Street in Bishop, Inyo County, California. We performed asbestos and deteriorated LCP survey activities at the project location. At the direction of the Caltrans TO Manager, we added the superintendent's office to our scope of services for the project. 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-52 was to determine the presence and quantity of asbestos and deteriorated LCP 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 and LCP disturbance activities.

> *It was not Geocon's intent during this inspection to conduct an evaluation of lead-based paint hazards in accordance with U.S. Department of Housing and Urban Development (HUD) guidelines. HUD protocol generally requires a very extensive sampling strategy that includes sampling of paint on each surface type (e.g., wall, ceiling, window sill, window frame, door frame, molding, etc.) in each room.*

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 Lead Paint

Construction activities (including renovation and demolition) that disturb materials or paints containing *any* amount of lead are subject to certain requirements of the Cal/OSHA lead standard contained in Title 8, CCR, Section 1532.1. Deteriorated paint is defined by Title 17, CCR, Division 1, Chapter 8, §35022 as a surface coating that is cracking, chalking, flaking, chipping, peeling, non-intact, failed, or otherwise separating from a component. Renovation or demolition of a deteriorated LCP component would require waste characterization and appropriate disposal. Intact LCP on a component is currently accepted by most landfill facilities; however, contractors are responsible for segregating and characterizing waste streams prior to disposal.

For a solid waste containing lead, the waste is classified as California hazardous when: 1) the total lead content equals or exceeds the respective Total Threshold Limit Concentration (TTLC) of 1,000 milligrams per kilogram (mg/kg); or 2) the soluble lead content equals or exceeds the respective Soluble Threshold Limit Concentration (STLC) of 5 milligrams per liter (mg/l) based on the standard Waste Extraction Test (WET). A waste has the potential for exceeding the lead STLC when the waste's total lead content is greater than or equal to ten times the respective STLC value since the WET uses a 1:10 dilution ratio. Hence, when total lead is detected at a concentration greater than or equal to 50 mg/kg, and assuming that 100 percent of the total lead is soluble, soluble lead analysis is required. Lead-containing waste is classified as "Resource, Conservation, and Recovery Act" (RCRA) hazardous, or Federal hazardous, when the soluble lead content equals or exceeds the Federal regulatory level of 5 mg/l based on the Toxicity Characteristic Leaching Procedure (TCLP).

The above regulatory criteria are based on chemical concentrations. Wastes may also be classified as hazardous based on other criteria such as ignitability; however, for the purposes of this investigation, toxicity (i.e., lead concentrations) is the primary factor considered for waste classification since waste generated during the construction activities would not likely warrant testing for ignitability or other criteria. Waste that is classified as either California hazardous or RCRA hazardous requires management as a hazardous waste.

Potential hazards exist to workers who remove or cut through LCP coatings during demolition. Dust containing hazardous concentrations of lead may be generated during scraping or cutting materials coated with lead-containing paint. Torching of these materials may produce lead oxide fumes. Therefore, air monitoring and/or respiratory protection may be required during the demolition of materials coated with LCP. Guidelines regarding regulatory provisions for construction work where workers may be exposed to lead are presented in the Title 8, CCR, Section 1532.1.

2.3 Architectural Drawings and Previous Survey Activities

Caltrans provided architectural drawings of the Bishop Maintenance Station (MS) for our review. We observed no evidence of asbestos-containing products or lead-containing paints on the architectural drawings provided. Previous survey reports for the project 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, 2009), and Certified Lead Paint Inspector/Assessor and Project Monitor with the California Department of Public Health (DPH), certification numbers I-1734 and M-1734 (expiration December 4, 2009), performed the asbestos and LCP survey at the project location on June 24 and 25, 2008.

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 condition (evidence of deterioration, physical damage, and water damage) and friability. A total of 67 bulk asbestos samples of suspect building materials were collected.

Our procedures for inspection and sampling in accordance with TO-52 are discussed below:

- Collected bulk asbestos samples after first wetting friable material 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 24-hour 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.

3.2 Lead Paint

Two bulk samples of deteriorated paint were collected at the project location. Our paint sampling procedures are discussed below:

- Collected representative bulk samples of suspect LCP using techniques presented in HUD guidelines. In addition, the painted areas were evaluated for evidence of deterioration such as flaking or cracking.
- Relinquished paint samples to Advanced Technology Laboratories (ATL), a California-licensed laboratory, for lead analyses in accordance with EPA Test Method 6010 under standard chain-of-custody procedures. ATL is accredited by the California DPH for lead analysis. The laboratory analyses were requested on a 24-hour turn-around-time.

Geocon paint sample identification numbers, paint descriptions, approximate peeling/flaking quantities, and photo references are summarized on Table 2. Approximate sample locations are presented on Figure 2.

4.0 INVESTIGATIVE RESULTS

4.1 Asbestos

Chrysotile asbestos at a concentration of 0.10% was detected in samples representing approximately 350 square feet of nonfriable window putty used throughout the main shop. The asbestos content was determined using PLM point count analysis (1,000 points).

Amosite and chrysotile asbestos at combined concentrations ranging from 7% to 8% were detected in samples representing approximately 200 square feet of friable mudded pipe fittings used throughout the main shop.

Chrysotile asbestos at a concentration of 5% was detected in samples representing nonfriable mastic associated with approximately 750 square feet of resilient floor tile used throughout the superintendent's office building.

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.

4.2 Lead Paint

A sample representing approximately 25 square feet of deteriorated white interior paint used in the tire shed exhibited a total lead concentration of 260 mg/kg and a soluble (WET) lead concentration of 1.9 mg/l.

A sample representing approximately 50 square feet of deteriorated beige exterior paint used on the main shop exhibited a total lead concentration of 2,000 mg/kg and a soluble (TCLP) lead concentration of 3.0 mg/l.

A summary of the analytical laboratory test results for LCP is presented on Table 2. Reproductions of the laboratory reports and chain-of-custody documentation are presented in Appendix A.

5.0 RECOMMENDATIONS

Based on our findings, we recommend the following:

5.1 Asbestos

NESHAP regulations do not require that asbestos-containing resilient floor tile (a Category I nonfriable material) or window putty identified during this survey be removed prior to renovation/demolition or be treated as hazardous waste. However, the disturbance of these materials is still covered by the Cal/OSHA asbestos standard (Title 8, CCR Section 1529). The disturbance of these materials must be performed by a licensed contractor registered with Cal/OSHA for asbestos-related work following Cal/OSHA asbestos work requirements. 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.

Mudded pipe fittings (a friable RACM and hazardous waste in California) identified during our survey must be removed by a licensed and certified asbestos abatement contractor prior to renovation, demolition, or other activities that would *disturb* the material.

Geocon also recommends the notification of contractors (that will be conducting demolition, renovation, or related activities) and/or building occupants of the presence of asbestos in their work areas (i.e., provide the tenants and contractor[s] with a copy of this report and a list of asbestos removed by asbestos abatement contractor[s] during subsequent abatement activities). Contractors and/or tenants should be instructed not to disturb asbestos during their work.

In accordance with Great Basin Unified Air Pollution Control District Rule 1002, written notification is required ten working days prior to commencement of *any* demolition activity (whether asbestos is present or not) and for renovation activities involving specified quantities of RACM. 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.

5.2 Lead Paint

We recommend that peeling/flaking beige exterior paint on the main shop (a California hazardous waste based on total lead content) be removed and disposed of prior to renovation, demolition, or other activities that would disturb the material. The contractor should be required to use personnel who have lead-related construction certification as supervisors or workers, as appropriate, from the California DHS for LCP removal work. Loose and peeling/flaking LCP require removal prior to demolition for

waste segregation purposes: to separate potentially hazardous waste (Category III concentrated lead such as loose paint, paint sludge, vacuum debris, and vacuum filters) from non-hazardous demolition debris (Category II intact lead-painted architectural components such as doors, windows, framework, cladding, and trim). Category I waste is low lead waste (typically non-hazardous) such as construction materials, filtered wash water, and plastic sheeting. Contractors are responsible for informing the landfill of the contractor's intent to dispose of RCRA waste, California hazardous waste, and/or architectural components containing intact LCP. Some landfills may require additional waste characterization. Contractors are responsible for segregating and characterizing waste streams prior to disposal.

Deteriorated lead-containing white interior paint in the tire shed would not be classified as a California or Federal hazardous waste based on lead content.

Geocon recommends that all paints at the Site be treated as lead-containing for purposes of determining the applicability of the Cal/OSHA lead standard during any future maintenance, renovation, and demolition activities. This recommendation is based on LCP sample results and the fact that lead was a common ingredient of paints manufactured before 1978 and is still an ingredient of some industrial paints. In accordance with Title 8, CCR, Section 1532.1(p), written notification to the nearest Cal/OSHA district office is required at least 24 hours prior to certain lead-related work.

6.0 REPORT LIMITATIONS

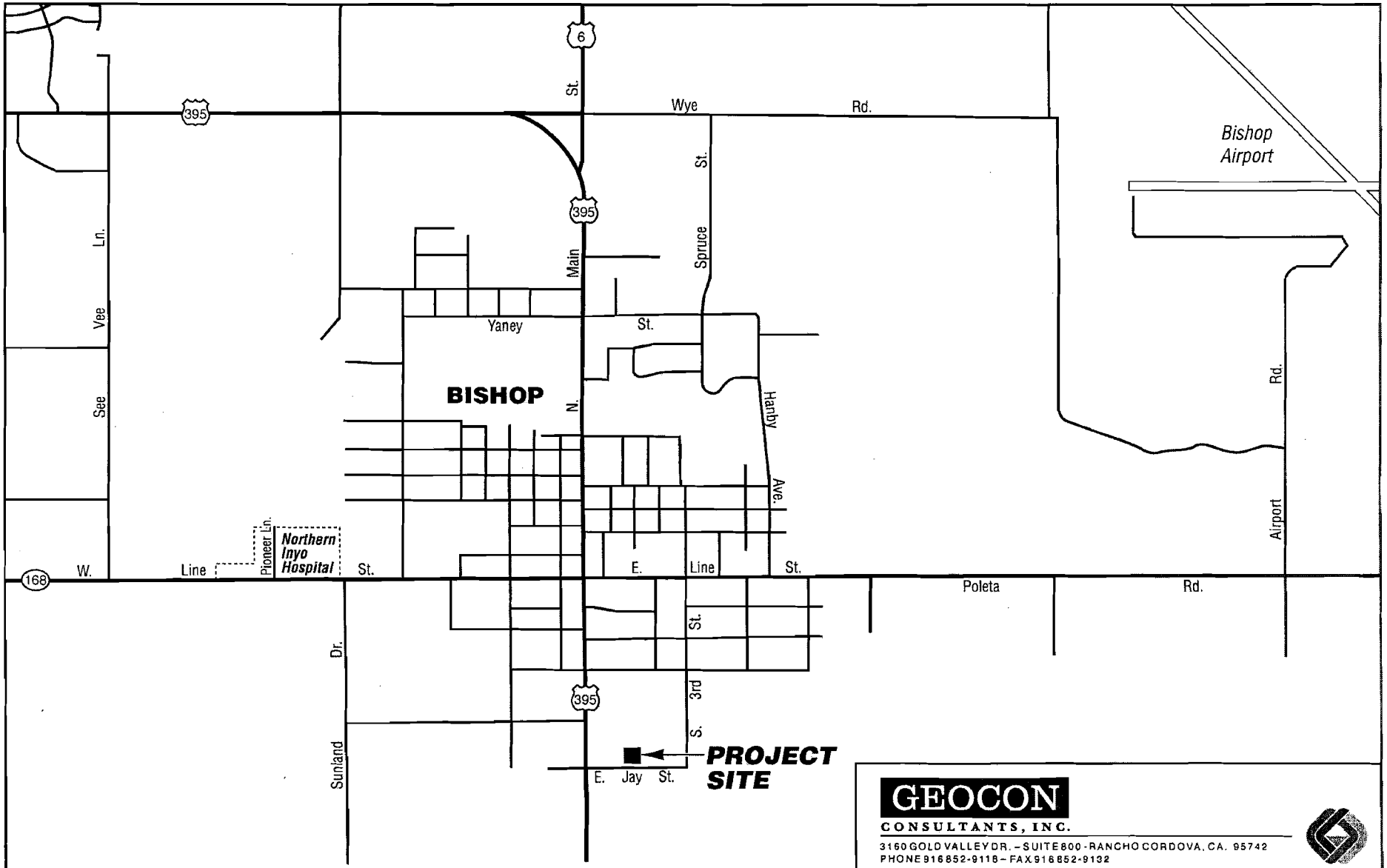
This asbestos and deteriorated LCP survey was conducted in conformance with generally accepted standards of practice for identifying and evaluating asbestos and LCP in structures. The survey addressed only the structures identified in Section 1.1. Due to the nature of structure surveys, asbestos and LCP use, and laboratory analytical limitations, some ACM or deteriorated LCP 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 and/or LCP may exist in areas 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 and/or deteriorated LCP are found, additional sampling and analysis should be performed to determine if the materials contain asbestos or lead.

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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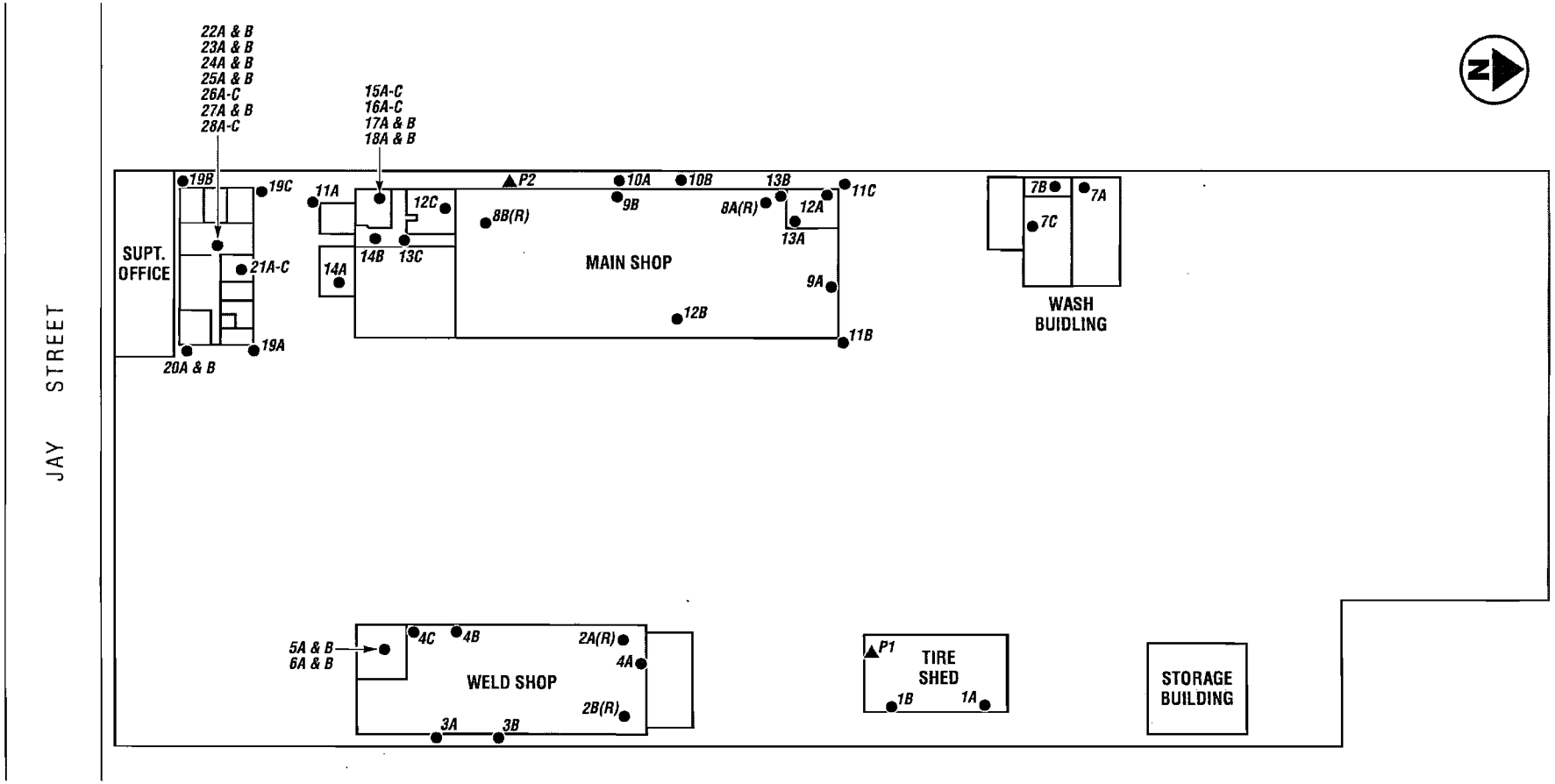
Bishop Maintenance Station (Shop 29)

500 Main Street Bishop, California	**VICINITY MAP**	
GEOCON Proj. No. S9200-06-52		
Task Order No. 52	July 2008	Figure 1



SCALE APROXIMATE

LEGEND:

- ● Approximate Asbestos Sample Location
- ▲ Approximate Paint Sample Location
- *(R)* Roof

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Bishop Maintenance Station (Shop 29)		
500 Main Street Bishop, California	**SITE PLAN**	
GEOCON Proj. No. S9200-06-52		
Task Order No. 52	July 2008	Figure 2

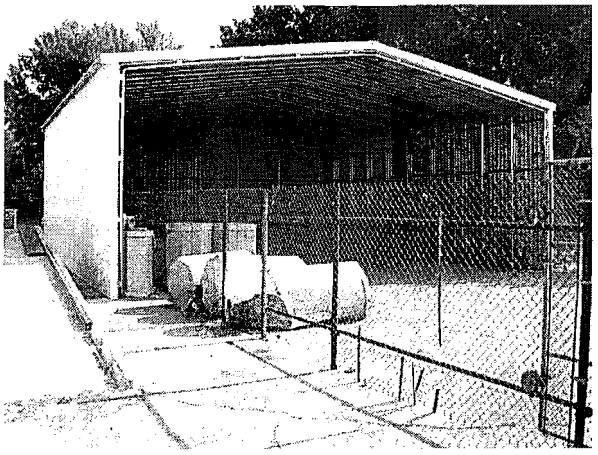

Photo 1 – Storage building

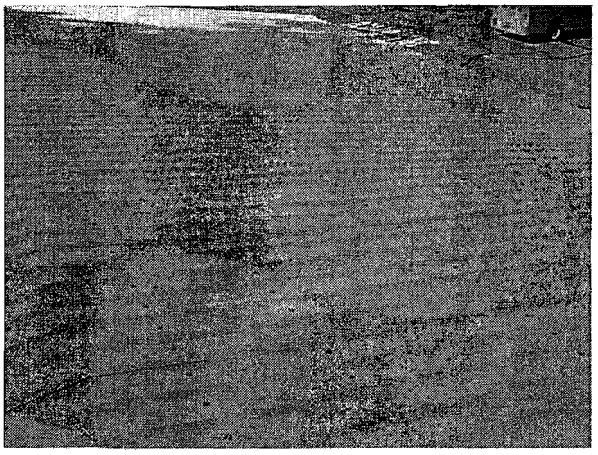

Photo 2 – Storage building roof

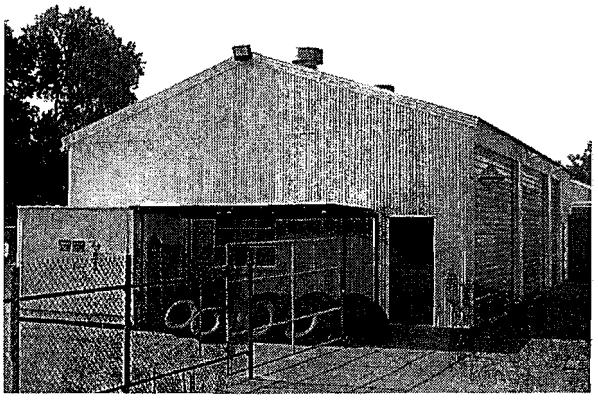

Photo 3 – Tire shed

GEOCON
CONSULTANTS, INC.
6671 Brisa Street, Livermore, California 94550
PHONE (925) 371-5900 – FAX (925) 371-5915

PHOTOGRAPHS 1, 2, & 3		
Bishop MS Inyo County, California		
S9200-06-52		July 2008

Photo 4 – Tire shed roof

Photo 5 – Tire shed interior

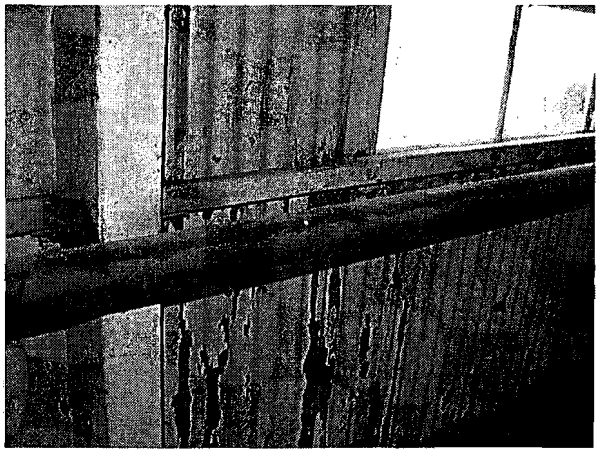

Photo 6 – Tire shed interior

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PHOTOGRAPHS 4, 5, & 6		
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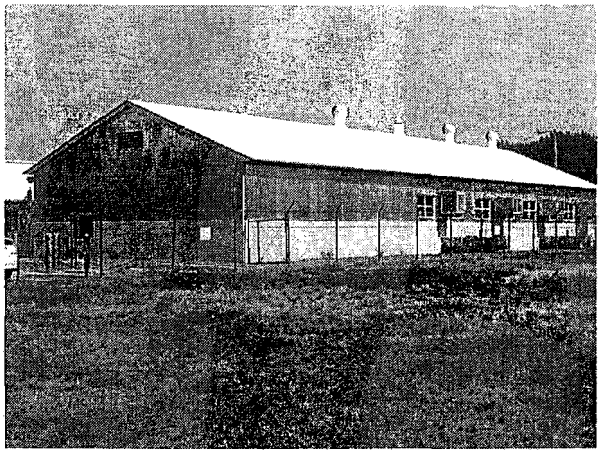

Photo 7 – Weld shop

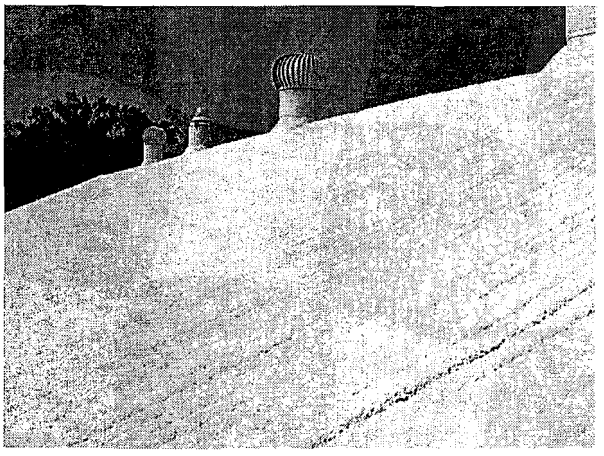

Photo 8 – Weld shop roof

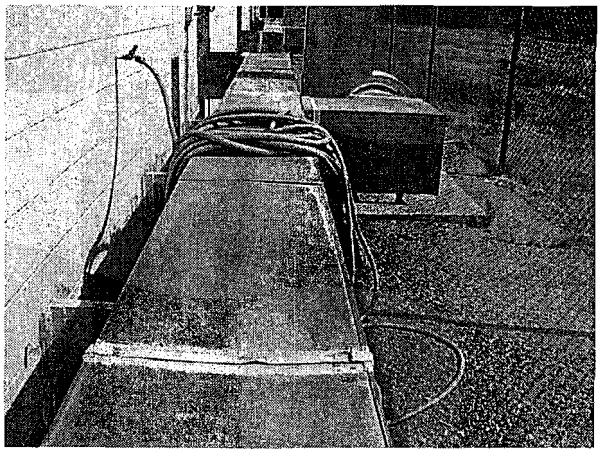

Photo 9 – Weld shop ducting

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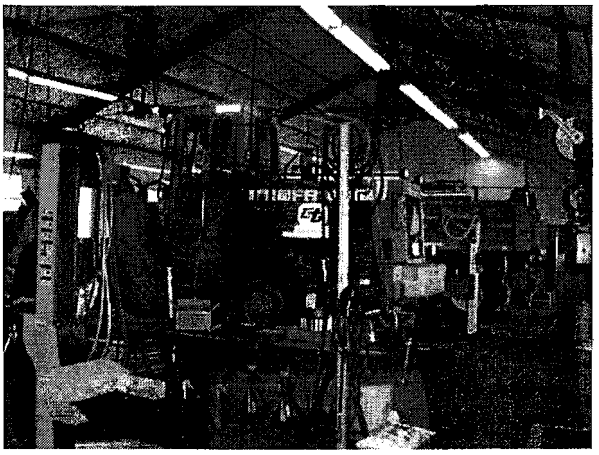

Photo 10 – Weld shop interior

Photo 11 – Weld shop restroom

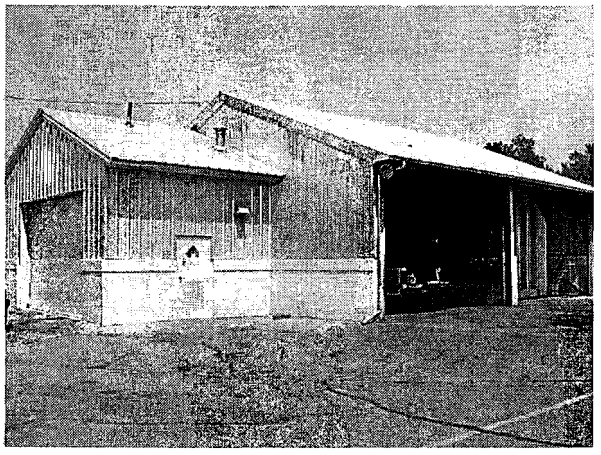

Photo 12 – Wash building

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PHOTOGRAPHS 10, 11, & 12		
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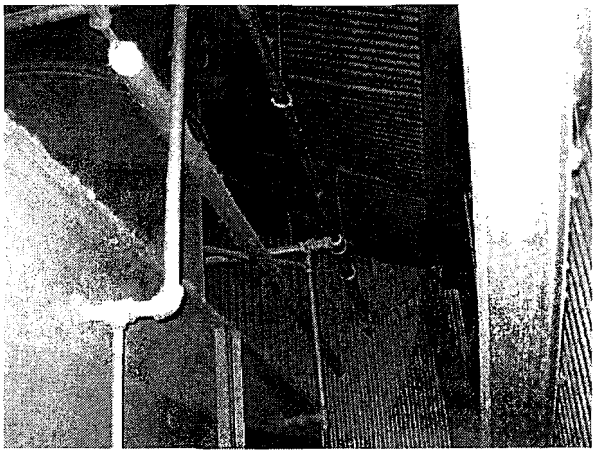

Photo 13 – Wash building interior

Photo 14 – Main shop

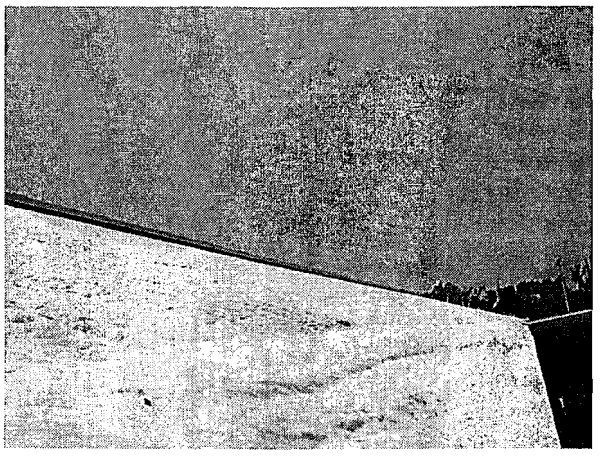

Photo 15 – Main shop roof

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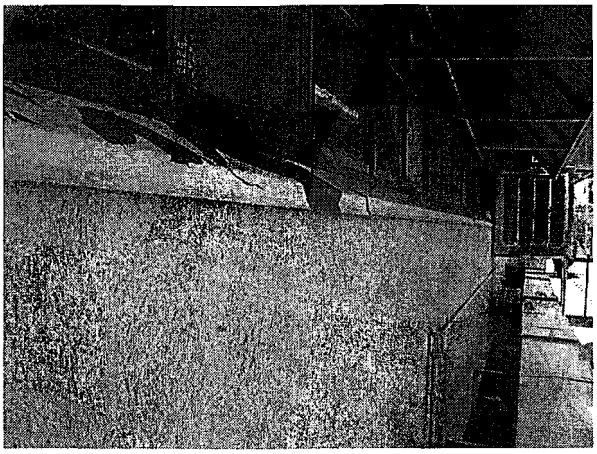

Photo 16 – Main shop exterior

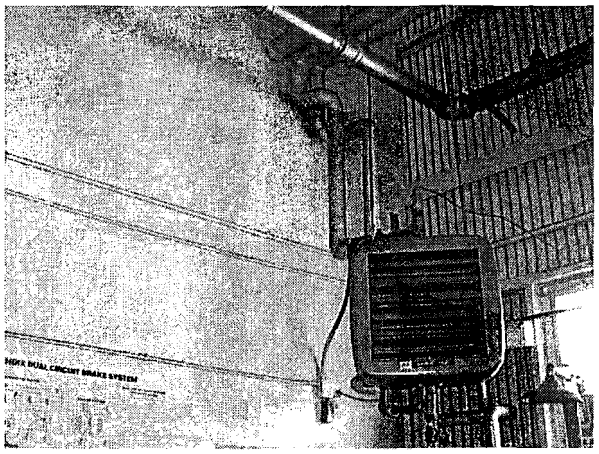

Photo 17 – Main shop interior

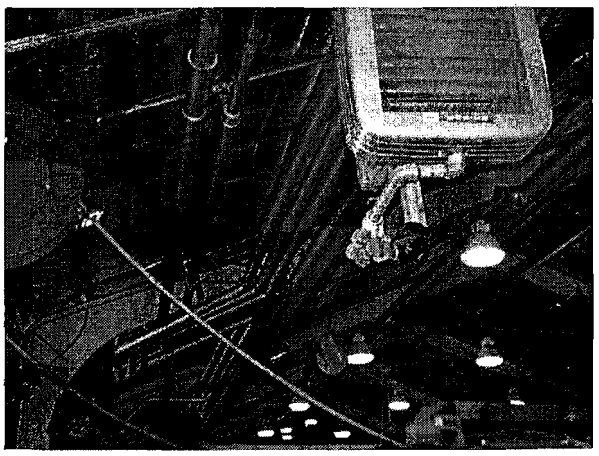

Photo 18 – Main shop interior

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Photo 19 – Main shop office area

Photo 20 – Main shop restrooms

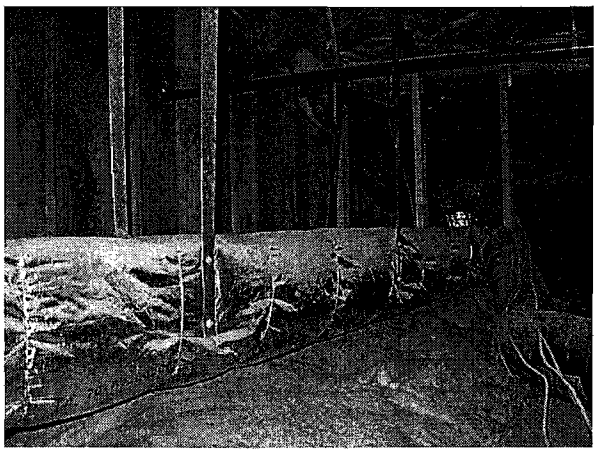

Photo 21 – Main shop ceiling cavity

Photo 22 – Superintendent's office

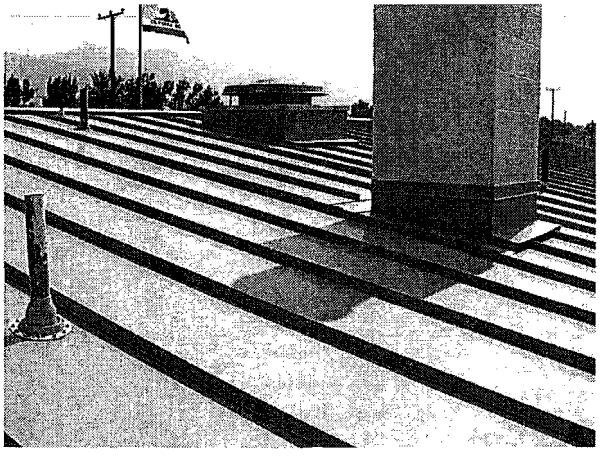

Photo 23 – Superintendent's office roof

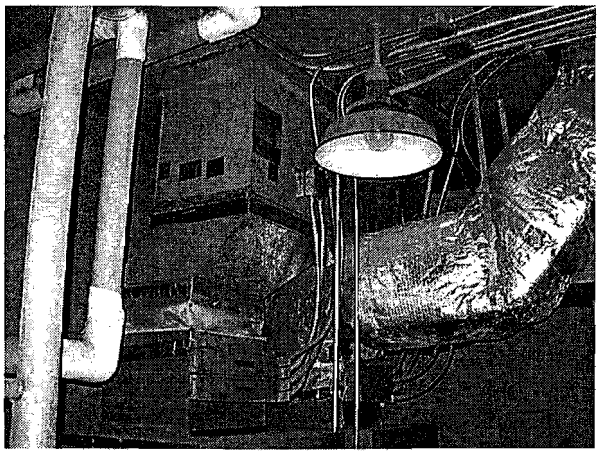

Photo 24 – Superintendent's office equipment room

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Photo 25 – Superintendent's office interior

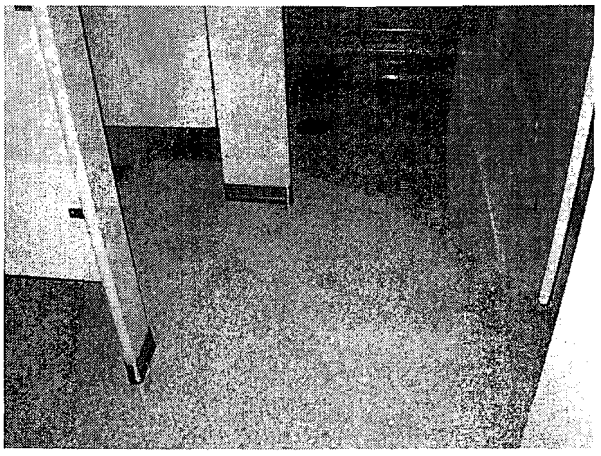

Photo 26 – Superintendent's office restrooms

Photo 27 – Superintendent's office copy room

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PHOTOGRAPHS 25, 26, & 27		
Bishop MS Inyo County, California		
S9200-06-52		July 2008

TABLE 1
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
BISHOP MAINTENANCE STATION (SHOP 29)
CALTRANS CONTRACT 06A1141, TASK ORDER NO. 52, EA 09-310601
INYO COUNTY, CALIFORNIA

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

Sample Group No.	Description of Material	Approximate Quantity	Friable	Site Photo	Asbestos Content
1	Window putty (tire shed)	NA	NA	6	ND
2	Foam roofing system (weld shop)	NA	NA	8	ND
3	Duct sealant (weld shop)	NA	NA	9	ND
4	Gypsum board systems (weld shop)	NA	NA	11	ND
5	Gray resilient sheet flooring (weld shop)	NA	NA	11	ND
6	Base coving (weld shop)	NA	NA	11	ND
7	Pipe wrap (wash building)	NA	NA	13	ND
8	Foam roofing system (main shop)	NA	NA	15	ND
9	**Window putty (main shop)**	**350 square feet**	**No**	**16**	**0.10 %***
10	Duct sealant (main shop)	NA	NA	16	ND
11	Stucco (main shop)	NA	NA	16	ND
12	**Mudded fittings (main shop)**	**200 square feet**	**Yes**	**17 & 18**	**7% to 8%**
13	Hardwall plaster (main shop)	NA	NA	19	ND
14	White floor tile (main shop)	NA	NA	19	ND
15	Gypsum board systems (main shop)	NA	NA	19	ND
16	Texturing - gypsum board systems (main shop)	NA	NA	19	ND
17	White resilient sheet flooring (main shop)	NA	NA	20	ND
18	Base coving (main shop)	NA	NA	20	ND
19	Stucco (superintendent's office)	NA	NA	22	ND
20	Window putty (superintendent's office)	NA	NA	22	ND
21	Pipe wrap (superintendent's office)	NA	NA	24	ND
22	Carpet mastic (superintendent's office)	NA	NA	25	ND
23	Beige resilient sheet flooring (superintendent's office)	NA	NA	26	ND
24	**Gray floor tile (superintendent's office)**	**750 square feet**	**No**	**27& 30**	**5% (mastic only - tile ND)**

TABLE 1
SUMMARY OF ASBESTOS ANALYTICAL RESULTS
BISHOP MAINTENANCE STATION (SHOP 29)
CALTRANS CONTRACT 06A1141, TASK ORDER NO. 52, EA 09-310601
INYO COUNTY, CALIFORNIA

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

Sample Group No.	Description of Material	Approximate Quantity	Friable	Site Photo	Asbestos Content
25	Base coving (superintendent's office)	NA	NA	27	ND
26	Gypsum board systems (superintendent's office)	NA	NA	27	ND
27	Ceiling tile system (superintendent's office)	NA	NA	28	ND
28	Hardwall plaster (superintendent's office)	NA	NA	28	ND

Notes:

NA = Not applicable (no asbestos detected)

ND = Not detected

* Material analyzed using PLM Point Count Methodology (1,000 points)

TABLE 2
SUMMARY OF PAINT ANALYTICAL RESULTS – LEAD
BISHOP MAINTENANCE STATION (SHOP 29)
CALTRANS CONTRACT 06A1141, TASK ORDER NO. 52, EA 09-310601
INYO COUNTY, CALIFORNIA

Paint Sample No.	Paint Description	Approximate Quantity Peeling/Flaking	Site Photo	Total Lead (mg/kg)	WET Lead (mg/l)	TCLP Lead (mg/l)
P1	White interior paint (tire shed)	25 square feet	6	260	1.9	---
P2	Beige exterior paint (main shop)	50 square feet	16	2,000	---	3.0

Notes:

mg/kg = milligrams per kilogram
WET = Waste Extraction Test (EPA Test Method 7420)
mg/l = milligrams per liter
TCLP = Toxicity Characteristic Leaching Procedure (EPA Test Method 1311)

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Customer ID: GECN21
Customer PO: S9200-06-S2
Received: 06/26/08 10:00 AM
EMSL Order: 090804643

EMSL Proj:
Analysis Date: 6/26/2008
Report Date: 6/27/2008

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

			Non-Asbestos		Asbestos
Sample	**Location**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
1A, Window putty *090804643-0001*	Tire shed	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
1B, Window putty *090804643-0002*	Tire shed	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
2A, Foam roofing system *090804643-0003*	Weld shop	Various Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
2B, Foam roofing system *090804643-0004*	Weld shop	Various Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
3A, Duct sealant *090804643-0005*	Weld shop	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
3B, Duct sealant *090804643-0006*	Weld shop	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
4A, Gypsum board systems *090804643-0007*	Weld shop	Various Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	**None Detected**

Analyst(s)

Nathee Dummai (84)
Rui Cindy Geng (16)

Baojia Ke, Laboratory Manager
or other approved signatory

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Report Date: 6/27/2008

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

			Non-Asbestos		Asbestos
Sample	Location	Appearance	% Fibrous	% Non-Fibrous	% Type
4B-A, Gypsum board systems *090804643-0008*	Weld shop	Various Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
4B-B, Texture *090804643-0008A*	Weld shop	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
4C, Gypsum board systems *090804643-0009*	Weld shop	Brown, Yellow Non-Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected
5A-A, RSF *090804643-0010*	Weld shop	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5A-B, Mastic *090804643-0010A*	Weld shop	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5B-A, RSF *090804643-0011*	Weld shop	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
5B-B, Mastic *090804643-0011A*	Weld shop	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

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

			Non-Asbestos		Asbestos
Sample	Location	Appearance	% Fibrous	% Non-Fibrous	% Type
6A-A, Basecoving *090804643-0012*	Weld shop	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
6A-B, Mastic *090804643-0012A*	Weld shop	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
6B-A, Basecoving *090804643-0013*	Weld shop	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
6B-B, Mastic *090804643-0013A*	Weld shop	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
7A, Pipe wrap *090804643-0014*	Wash bldg	Various Fibrous Homogeneous	50% Cellulose 30% Min. Wool	20% Non-fibrous (other)	None Detected
7B, Pipe wrap *090804643-0015*	Wash bldg	Various Fibrous Homogeneous	50% Cellulose 30% Min. Wool	20% Non-fibrous (other)	None Detected
7C, Pipe wrap *090804643-0016*	Wash bldg	Various Fibrous Homogeneous	50% Cellulose 30% Min. Wool	20% Non-fibrous (other)	None Detected
8A, Foam roofing system *090804643-0017*	Main shop	Various Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

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			Non-Asbestos		Asbestos
Sample	**Location**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
8B, Foam roofing system *090804643-0018*	Main shop	Various Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
9A, Window putty *090804643-0019*	Main shop	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
9B, Window putty *090804643-0020*	Main shop	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**<1% Chrysotile**
10A, Duct sealant *090804643-0021*	Main shop	Various Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
10B, Duct sealant *090804643-0022*	Main shop	Various Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
11A, Stucco *090804643-0023*	Main shop	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
11B-A, Stucco *090804643-0024*	Main shop	Gray Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**
11B-B, Skim coat *090804643-0024A*	Main shop	Beige Non-Fibrous Heterogeneous		100% Non-fibrous (other)	**None Detected**

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

			Non-Asbestos		Asbestos
Sample	**Location**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
11C-A, Stucco *090804643-0025*	Main shop	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
11C-B, Skim coat *090804643-0025A*	Main shop	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
12A, Mudded fittings *090804643-0026*	Main shop	Various Fibrous Homogeneous	20% Cellulose	73% Non-fibrous (other)	**5% Amosite** **2% Chrysotile**
12B, Mudded fittings *090804643-0027*	Main shop	Various Fibrous Homogeneous	20% Cellulose	72% Non-fibrous (other)	**6% Amosite** **2% Chrysotile**
12C, Mudded fittings *090804643-0028*	Main shop	Various Fibrous Homogeneous	20% Cellulose	72% Non-fibrous (other)	**6% Amosite** **2% Chrysotile**
13A, Plaster *090804643-0029*	Main shop	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
13B, Plaster *090804643-0030*	Main shop	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
13C, Plaster *090804643-0031*	Main shop	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

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Project: **S9200-06-52, Bishop, CA**

Customer ID: GECN21
Customer PO: S9200-06-S2
Received: 06/26/08 10:00 AM
EMSL Order: 090804643

EMSL Proj:
Analysis Date: 6/26/2008
Report Date: 6/27/2008

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

			Non-Asbestos		Asbestos
Sample	**Location**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
14A-A, VFT *090804643-0032*	Main shop	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
14A-B, Mastic *090804643-0032A*	Main shop	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
14B-A, VFT *090804643-0033*	Main shop	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
14B-B, Mastic *090804643-0033A*	Main shop	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
15A-A, Gypsum board *090804643-0034*	Main shop	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
15A-B, Texture *090804643-0034A*	Main shop	Various Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	**None Detected**
15B-A, Gypsum board system *090804643-0035*	Main shop	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)

Nathee Dummai (84)
Rui Cindy Geng (16)

Baojia Ke, Laboratory Manager
or other approved signatory

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NVLAP Lab Code 101048-3

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

Fax: (925) 371-5915 Phone: (925) 371-5900
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Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Location**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
15B-B, Texture *090804643-0035A*	Main shop	Various Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	**None Detected**
15B-C, Joint compound *090804643-0035B*	Main shop	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
15C-A, Gypsum board *090804643-0036*	Main shop	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
15C-B, Texture *090804643-0036A*	Main shop	White Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	**None Detected**
16A, Texture gypsum board *090804643-0037*	Main shop	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
16B, Texture gypsum board *090804643-0038*	Main shop	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
16C, Texture gypsum board *090804643-0039*	Main shop	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)

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

			Non-Asbestos		Asbestos
Sample	**Location**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
17A-A, RSF *090804643-0040*	Main shop	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
17A-B, Backing paper *090804643-0040A*	Main shop	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
17A-C, Mastic *090804643-0040B*	Main shop	Brown Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (other)	**None Detected**
17B-A, RSF *090804643-0041*	Main shop	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
17B-B, Backing paper *090804643-0041A*	Main shop	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
17B-C, Mastic *090804643-0041B*	Main shop	Brown Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (other)	**None Detected**
18A, Basecoving *090804643-0042*	Main shop	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

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

			Non-Asbestos		Asbestos
Sample	**Location**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
18B, Basecoving *090804643-0043*	Main shop	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
19A, Stucco, int, ext *090804643-0044*	Sup office	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
19B, Stucco, int, ext *090804643-0045*	Sup office	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
19C, Stucco, int, ext *090804643-0046*	Sup office	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
20A, Window putty *090804643-0047*	Sup office	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
20B, Window putty *090804643-0048*	Sup office	Various Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
21A, Pipe wrap *090804643-0049*	Sup office	Various Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
21B, Pipe wrap *090804643-0050*	Sup office	Yellow Fibrous Homogeneous	30% Cellulose 50% Min. Wool	20% Non-fibrous (other)	**None Detected**

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

			Non-Asbestos			Asbestos
Sample	**Location**	**Appearance**	**%**	**Fibrous**	**% Non-Fibrous**	**% Type**
21C, Pipe wrap *090804643-0051*	Sup office	Yellow Fibrous Homogeneous	40% 40%	Cellulose Min. Wool	20% Non-fibrous (other)	**None Detected**
22A, Carpet mastic *090804643-0052*	Sup office	Yellow Fibrous Homogeneous	40% 40%	Cellulose Min. Wool	20% Non-fibrous (other)	**None Detected**
22B, Carpet mastic *090804643-0053*	Sup office	Yellow Non-Fibrous Homogeneous			100% Non-fibrous (other)	**None Detected**
23A-A, RSF *090804643-0054*	Sup office	Yellow Non-Fibrous Homogeneous			100% Non-fibrous (other)	**None Detected**
23A-B, Backing paper *090804643-0054A*	Sup office	Gray Fibrous Homogeneous	40%	Cellulose	60% Non-fibrous (other)	**None Detected**
23A-C, Mastic *090804643-0054B*	Sup office	Yellow Non-Fibrous Homogeneous	40%	Cellulose	100% Non-fibrous (other)	**None Detected**
23B-A, RSF *090804643-0055*	Sup office	Beige Non-Fibrous Homogeneous			100% Non-fibrous (other)	**None Detected**

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

			Non-Asbestos		Asbestos
Sample	**Location**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
23B-B, Backing paper *090804643-0055A*	Sup office	Gray Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (other)	**None Detected**
23B-C, Mastic *090804643-0055B*	Sup office	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
24A-A, VFT *090804643-0056*	Sup office	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
24A-B, Mastic *090804643-0056A*	Sup office	Black Non-Fibrous Homogeneous		95% Non-fibrous (other)	**5% Chrysotile**
24A-C, Mastic *090804643-0056B*	Sup office	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
24B-A, VFT *090804643-0057*	Sup office	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
24B-B, Mastic *090804643-0057A*	Sup office	Black Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (other)	**None Detected**
24B-C, Mastic *090804643-0057B*	Sup office	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

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

			Non-Asbestos		Asbestos
Sample	**Location**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
25A-A, Basecoving *090804643-0058*	Sup office	Green Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
25A-B, Mastic *090804643-0058A*	Sup office	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
25B-A, Basecoving *090804643-0059*	Sup office	Green Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
25B-B, Mastic *090804643-0059A*	Sup office	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
26A-A, Gypsum board system *090804643-0060*	Sup office	Various Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (other)	**None Detected**
26A-B, Texture *090804643-0060A*	Sup office	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
26A-C, Joint compound *090804643-0060B*	Sup office	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

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

			Non-Asbestos			Asbestos
Sample	**Location**	**Appearance**	**%**	**Fibrous**	**% Non-Fibrous**	**% Type**
26B, Gypsum board system *090804643-0061*	Sup office	Various Fibrous Heterogeneous	5%	Cellulose	95% Non-fibrous (other)	None Detected
26C-A, Gypsum board *090804643-0062*	Sup office	White Fibrous Heterogeneous	5%	Cellulose	95% Non-fibrous (other)	None Detected
26C-B, Texture *090804643-0062A*	Sup office	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
27A, Ceiling tile *090804643-0063*	Sup office	Brown Fibrous Homogeneous	95%	Cellulose	5% Non-fibrous (other)	None Detected
27B, Ceiling tile *090804643-0064*	Sup office	Brown Fibrous Homogeneous	95%	Cellulose	5% Non-fibrous (other)	None Detected
28A-A, Hard wall plaster *090804643-0065*	Sup office	Brown Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
28A-B, Skim coat *090804643-0065A*	Sup office	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected

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

			Non-Asbestos		Asbestos
Sample	**Location**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
28B-A, Hard wall plaster *090804643-0066*	Sup office	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
28B-B, Skim coat *090804643-0066A*	Sup office	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
28C-A, Hard wall plaster *090804643-0067*	Sup office	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
28C-B, Skim coat *090804643-0067A*	Sup office	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

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EMSL Proj:	S9200-06-**
Analysis Date:	7/2/2008
Report Date:	7/2/2008

Asbestos Analysis of Bulk Material via EPA 600/R-93/116. Quantitation using the 1,000 Point Count Procedure

			Non-Asbestos		Asbestos
Sample	**Location**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
9B, Window putty *090804643-0020*	Main shop	Gray Non-Fibrous Homogeneous		99.90% Non-fibrous (other)	**0.10% Chrysotile**

Analyst(s)

Rui Cindy Geng (1)

Baojia Ke, Laboratory Manager
or other approved signatory

NVLAP Lab Code 101048-3

PLMPointCount-1

THIS IS THE LAST PAGE OF THE REPORT.

090804643

Chain of Custody Form

Project No.: 9200-06-52 | Client Name: GEOCON | Analyze sample sets until positive: ☐ Yes ☒ No

Report Results to: D. WATTS | Office Location: LIVERMORE, CA | Analytical Fee (per sample): $ PLM | Date(s) Inspected: 24 JUN 2008

Consultants Ph. #: (925) 371-5900 | Consultants Fax #: (925) 371-5915 | Other Comments: 24-HR TAT

Site Name: SHOP 29 | Building No. — | Site Address: BISHOP, CA

Material Code	Sample Number: Site No.	Bldg. No.	Material Link No.	Samples Collected: A	B	C	D	E	F	G	H	I	J	K	Not Sampled	Material Description
			1	X	X											WINDOW PUTTY (TIRE SHED)
			2	X	X											FOAM ROOFING SYSTEM (WELD SHOP)
			3	X	X											DUCT SEALANT
			4	X	X	X										GYPSUM BOARD SYSTEMS
			5	X	X											GRAY R&F
			6	X	X											BASE COVING
			7	X	X	X										PIPE WRAP (WASH BLDG)
			8	X	X											FOAM ROOFING SYSTEM (MAIN SHOP)
			9	X	X											WINDOW PUTTY
			10	X	X											DUCT SEALANT
			11	X	X	X										STUCCO
			12	X	X	X										MUDDED FITTINGS
			13	X	X	X										PLASTER (HARDWALL)
			14	X	X											WHITE VFT (12X12)
			15	X	X	X										GYPSUM BOARD SYSTEMS
			16	X	X	X										TEXTURING (GYPSUM BOARD)

Relinquished by: Print Name: D. WATTS | Signature: [signature] | Date/Time: 25 JUNE 2008 1600 | Received by: Print Name: | Signature: UPS | Date/Time: 25 JUNE 2008 1600

Relinquished by: Print Name: | Signature: | Date/Time: | Received by: Print Name: [signature] | Signature: | Date/Time: 6/26/08 @ 10:00 mps

39

Flooring
- CFT = Ceramic floor tile grout/mastic (M)
- F = Floor material-Generic(M)
- FMAS = Floor mastic(M)
- FT = Vinyl composite tile floor (M)
- FS = Vinyl composite sheet floor (M)
- FLC = Floor leveling compound (M)
- TERR = Terrazzo flooring (M)

Wall/Ceiling/Other
- ACOU = Textured acoustical (sprayed) (S)
- BBM = Baseboard mastic (M)
- CM = Ceiling (unspecified type) (M)
- CS = Ceiling (unspecified type) (S)
- CP = Ceiling panel - Lay-in (M)
- CMAS = Ceiling mastic (M)
- CT = Ceiling tile - Splined or nailed (M)
- CTG = Ceiling tile - Glued (M)
- CWT = Ceramic wall tile grout & mastic(M)
- DBBM = Debris (unspecified) (M)
- DEBS = Debris (unspecified) (S)
- DEBT = Debris (unspecified) (TSI)
- DOOR = Door core insulation - Fire door (M)
- OFM = Other friable material (M)
- OFS = Other friable material (S)
- ONFM = Other nonfriable material (M)
- ONFS = Other nonfriable materials (S)
- PL = Plaster (wall or ceiling) (S)
- SHR = Sheetrock (no joint compound) (M)
- SHRJC = Sheetrock with joint compound (M)
- STUC = Stucco (S)
- FP = Structural fireproofing (S)
- TRAN = Transite panel (M)
- TX = Surface texturing on walls/ceiling (S)
- WM = Wall (unspecified type) (M)
- WS = Wall (unspecified type) (S)
- WT = Wall tile - Splined or nailed (M)
- WTG = Wall tile - Glued on (M)

Piping/TSI
- FI = Fitting insulation (type not specified) (TSI)
- FICHW = Fitting - Chilled water system (TSI)
- FICON = Fitting - Condensate (TSI)
- FIDCW = Fitting - Domestic cold water (TSI)
- FIDHW = Fitting - Domestic hot water (TSI)
- FIHHW = Fitting - Heating hot water (TSI)
- FISTM = Fitting - Steam (TSI)
- DI = Duct insulation (TSI)
- DTAPE = HVAC - Duct joint tape/compound (M)
- DFLEX = HVAC - Flexible duct/flex duct joint (M)
- DFLUE = Mech. equipment - Flue insulation (TSI)
- MGSKT = Mech. equipment-Gasket (M)
- MTANK = Mech equipment-Tank insulation (TSI)
- PI = Pipe insulation (type not specified) (TSI)
- PICHW = Pipe insulation-Chilled water system (TSI)
- PICON = Pipe insulation-Condensate (TSI)
- PIDCW = Pipe insulation-Domestic cold water (TSI)
- PIDHW = Pipe insulation-Domestic hot water (TSI)
- PIHHW = Pipe insulation-Heating hot water (TSI)
- PISTM = Pipe insulation-Steam (TSI)
- PTRAN = Pipe-Transite (M)

Roofing
- RF = Roofing material (M)
- RFAG = Asphalt and gravel (M)
- RFAT = Asphalt roof tile (M)
- RFFLS = Flashing (M)
- RFFLT = Felt material (M)
- RFMAS = Penetration mastic (M)
- RFROL = Rolled sheet type (M)
- RTRAN = Transite shingle (M)

(M) = Miscellaneous material
(S) = Surfacing material
(TSI) = Thermal System Insulation

07080464S

Chain of Custody Form

2 of 2

Project No.: 59200-06-52 | Client Name: GEOCON | Analyze sample sets until positive: ☐ Yes ☒ No

Report Results to: D. WATTS | Office Location: LIVERMORE, CA | Analytical Fee (per sample): $ PLM | Date(s) Inspected: 24 & 25 JUN 2008

Consultants Ph. #: (925) 371-5900 | Consultants Fax #: (925) 371-5915 | Other Comments: 24-HR TAT

Site Name: SHOP 29 | Building No. — | Site Address: BISHOP, CA

Material Code	Sample Number: Site No.	Bldg. No.	Material Link No.	Samples Collected: A	B	C	D	E	F	G	H	I	J	K	Not Sampled	Material Description
			17	X	X											WHITE RSF (MAIN SHOP)
			18	X	X											BASE COVING
			19	X	X	X										STUCCO (INT/EXT) (SUPT OFFICE)
			20	X	X											WINDOW PUTTY
			21	X	X	X										PIPE WRAP
			22	X	X											CARPET MASTIC
			23	X	X											BEIGE RSF
			24	X	X											GRAY VFT (12x12)
			25	X	X											BASE COVING
			26	X	X	X										GYPSUM BOARD SYSTEMS
			27	X	X											CEILING TILE
			28	X	X	X										HARDWALL PLASTER

Relinquished by: Print Name: D. WATTS | Signature: [signature] | Date/Time: 25 JUNE 2008 1600

Received by: Print Name: | Signature: UPS | Date/Time: 25 JUNE 2008 1600

Relinquished by: Print Name: | Signature: | Date/Time:

Received by: Print Name: | Signature: | Date/Time:

Flooring
- CFT = Ceramic floor tile grout/mastic (M)
- F = Floor material-Generic(M)
- FMAS = Floor mastic(M)
- FT = Vinyl composite tile floor (M)
- FS = Vinyl composite sheet floor (M)
- FLC = Floor leveling compound (M)
- TERR = Terrazzo flooring (M)

Wall/Ceiling/Other
- ACOU = Textured acoustical (sprayed) (S)
- BBM = Baseboard mastic (M)
- CM = Ceiling (unspecified type) (M)
- CS = Ceiling (unspecified type) (S)
- CP = Ceiling panel - Lay-in (M)
- CMAS = Ceiling mastic (M)
- CT = Ceiling tile - Splined or nailed (M)
- CTG = Ceiling tile - Glued (M)
- CWT = Ceramic wall tile grout & mastic(M)
- DEBM = Debris (unspecified) (M)
- DEBS = Debris (unspecified) (S)
- DEBT = Debris (unspecified) (TSI)
- DOOR = Door core insulation - Fire door (M)
- OFM = Other friable material (M)
- OFS = Other friable material (S)
- ONFM = Other nonfriable material (M)
- ONFS = Other nonfriable materials (S)
- PL = Plaster (wall or ceiling) (S)
- SHR = Sheetrock (no joint compound) (M)
- SHRJC = Sheetrock with joint compound (M)
- STUC = Stucco (S)
- FP = Structural fireproofing (S)
- TRAN = Transite panel (M)
- TX = Surface texturing on walls/ceiling (S)
- WM = Wall (unspecified type) (M)
- WS = Wall (unspecified type) (S)
- WT = Wall tile - Splined or nailed (M)
- WTG = Wall tile - Glued on (M)

Pipins/TSI
- FI = Fitting insulation (type not specified) (TSI)
- FICHW = Fitting - Chilled water system (TSI)
- FICON = Fitting - Condensate (TSI)
- FIDCW = Fitting - Domestic cold water (TSI)
- FIDHW = Fitting - Domestic hot water (TSI)
- FIHHW = Fitting - Heating hot water (TSI)
- FISTM = Fitting - Steam (TSI)
- DI = Duct insulation (TSI)
- DTAPE = HVAC - Duct joint tape/compound (M)
- DFLEX = HVAC - Flexible duct/flex duct joint (M)
- DFLUE = Mech. equipment - Flue insulation (TSI)
- MGSKT = Mech. equipment-Gasket (M)
- MTANK = Mech. equipment-Tank insulation (TSI)
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- PICHW = Pipe insulation-Chilled water system (TSI)
- PICON = Pipe insulation-Condensate (TSI)
- PIDCW = Pipe insulation-Domestic cold water (TSI)
- PIDHW = Pipe insulation-Domestic hot water (TSI)
- PIHHW = Pipe insulation-Heating hot water (TSI)
- PISTM = Pipe insulation-Steam (TSI)
- PTRAN = Pipe-Transite (M)

Roofing
- RF = Roofing material (M)
- REAG = Asphalt and gravel (M)
- REAT = Asphalt roof tile (M)
- REFLS = Flashing (M)
- REFLT = Felt material (M)
- REMAS = Penetration mastic (M)
- REROL = Rolled sheet type (M)
- RTRAN = Transite shingle (M)

(M) = Miscellaneous material
(S) = Surfacing material
(TSI) = Thermal System Insulation

28

June 27, 2008

Dave Watts
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

RECEIVED
JUL 03 2008
By

ELAP No.: 1838
NELAP No.: 02107CA
NEVADA.: CA-401
Arizona: AZ0689
CSDLAC No.: 10196
Workorder No.: 099549

RE: BISHOP MS (SHOP 29), S9200-06-52

Attention: Dave Watts

Enclosed are the results for sample(s) received on June 26, 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.

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. **Lab Order:** 099549
Project: BISHOP MS (SHOP 29), S9200-06-52

Lab ID: 099549-001 **Collection Date:** 6/24/2008 9:21:00 AM
Client Sample ID: P1 **Matrix:** PAINT CHIP

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP8_080626G	QC Batch: 46740			PrepDate:	6/26/2008	Analyst: CL
Lead	260	4.0		mg/Kg	1	6/26/2008 05:24 PM

Lab ID: 099549-002 **Collection Date:** 6/24/2008 3:16:00 PM
Client Sample ID: P2 **Matrix:** PAINT CHIP

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3050B			**EPA 6010B**		
RunID: ICP8_080626G	QC Batch: 46740			PrepDate:	6/26/2008	Analyst: CL
Lead	2000	4.0		mg/Kg	1	6/26/2008 05:27 PM

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		

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *27-Jun-08*

CLIENT: Geocon Consultants, Inc.
Work Order: 099549
Project: BISHOP MS (SHOP 29), S9200-06-52

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_S

Sample ID: MB-46740	SampType: MBLK	TestCode: 6010_S	Units: mg/Kg	Prep Date: 6/26/2008	RunNo: 96354
Client ID: PBS	Batch ID: 46740	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 6/26/2008	SeqNo: 1488400

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	1.0									

Sample ID: LCS-46740	SampType: LCS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 6/26/2008	RunNo: 96354
Client ID: LCSS	Batch ID: 46740	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 6/26/2008	SeqNo: 1488401

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	47.268	1.0	50.00	0	94.5	80	120				

Sample ID: 099549-002A-DUP	SampType: DUP	TestCode: 6010_S	Units: mg/Kg	Prep Date: 6/26/2008	RunNo: 96354
Client ID: P2	Batch ID: 46740	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 6/26/2008	SeqNo: 1488404

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1998.721	4.0						2009	0.535	20	

Sample ID: 099549-002A-MS	SampType: MS	TestCode: 6010_S	Units: mg/Kg	Prep Date: 6/26/2008	RunNo: 96354
Client ID: P2	Batch ID: 46740	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 6/26/2008	SeqNo: 1488405

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2412.089	4.0	500.0	2009	80.5	45	110				

Sample ID: 099549-002A-MSD	SampType: MSD	TestCode: 6010_S	Units: mg/Kg	Prep Date: 6/26/2008	RunNo: 96354
Client ID: P2	Batch ID: 46740	TestNo: EPA 6010B	EPA 3050B	Analysis Date: 6/26/2008	SeqNo: 1488406

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2491.744	4.0	500.0	2009	96.5	45	110	2412	3.25	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

CHAIN OF CUSTODY RECORD

Pg 1 of 1

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#:

Logged By: [illegible] Date: 6/26/08

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: CUPS

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

Client: GEOCON
Attn: D. WATTS
Address: 6671 BRISA ST
City LIVERMORE State CA Zip Code 94550
TEL: (925) 371-5900
FAX: (") " 5915

Project Name: BISHOP MS (SHOP 29) Project #: 9200-06-52 Sampler: (Printed Name) D. WATTS (Signature)

Relinquished by: (Signature and Printed Name)	Date: 6/25/2008	Time: 1600	Received by: (Signature and Printed Name) UPS	Date: 6/25/2008	Time: 1600
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date: 6/26/08	Time: 9:55
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr/Submitter: D. WATTS 6/24/2008 (Print Name / Date)
(Signature)

Send Report To:
Attn:
Co: SEE "CLIENT"
Address
City State Zip

Bill To:
Attn:
Co:
Address
City State Zip

Special Instructions/Comments:
PAINT CHIPS – TOTAL Pb
ANTIMONATE SOLUBLES

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)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

PRESERVATION

Q A / Q C
RTNE ☐
CT ☒
SWRCB ☐
Logcode
OTHER

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metals) – Pb	8015B (GRO) / 8020 (BTEX)	8015B (DRO)	8021 (BTEX)	TITLE 22 / CAM 17 (6010 / 7000)	SOIL	WATER	GROUND WATER	WASTEWATER	PAINT CHIPS	TAT	Container(s) #	Container(s) Type	REMARKS
	099549-001	P1	6/24/08	0921				X	X									X	24-HR	1	Bg	PAINT
	↓ "	P2		1516				X	X									X	↓	↓	↓	"

• TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr 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=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

ISTR: ON: with Yell folder : to st er.

July 02, 2008

Dave Watts
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

RECEIVED
JUL 11 2008
By

ELAP No.: 1838
NELAP No.: 02107CA
NEVADA.: CA-401
Arizona: AZ0689
CSDLAC No.: 10196
Workorder No.: 099549

RE: BISHOP MS (SHOP 29), S9200-06-52

Attention: Dave Watts

Enclosed are the results for sample(s) received on June 26, 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: BISHOP MS (SHOP 29), S9200-06-52
Lab Order: 099549

CASE NARRATIVE

Analytical Comments for Method 7420

Matrix Spike (MS) and /or Matrix Spike Duplicate (MSD) are/is outside recovery criteria for samples 099270-030AMS and 099270-030AMSD; however, the analytical batch was validated by the Laboratory Control Sample (LCS).

RPD for Duplicate (DUP) is outside criteria for sample 099270-030ADUP; however, the analytical batch was validated by the Laboratory Control Sample (LCS).

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040*

CLIENT: Geocon Consultants, Inc. **Lab Order:** 099549
Project: BISHOP MS (SHOP 29), S9200-06-52

Lab ID: 099549-001 **Collection Date:** 6/24/2008 9:21:00 AM
Client Sample ID: P1 **Matrix:** PAINT CHIP

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION (STLC)						
		WET/ EPA 7420				
RunID: AA2_080702B	QC Batch: R96544			PrepDate:		Analyst: **AMT**
Lead	1.9	1.2		mg/L	1	7/2/2008

Lab ID: 099549-002 **Collection Date:** 6/24/2008 3:16:00 PM
Client Sample ID: P2 **Matrix:** PAINT CHIP

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
LEAD BY ATOMIC ABSORPTION (TCLP)						
	EPA3010A			**EPA 1311/ 7420**		
RunID: AA2_080701A	QC Batch: 46831			PrepDate: 7/1/2008		Analyst: **AMT**
Lead	3.0	0.62		mg/L	1	7/1/2008

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		

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *02-Jul-08*

CLIENT: Geocon Consultants, Inc.
Work Order: 099549
Project: BISHOP MS (SHOP 29), S9200-06-52

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_ST

Sample ID: MB-46808	SampType: MBLK	TestCode: 7420_ST	Units: mg/L	Prep Date:	RunNo: 96544
Client ID: PBS	Batch ID: R96544	TestNo: WET/ EPA 74		Analysis Date: 7/2/2008	SeqNo: 1492379

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID: LCS-46808	SampType: LCS	TestCode: 7420_ST	Units: mg/L	Prep Date:	RunNo: 96544
Client ID: LCSS	Batch ID: R96544	TestNo: WET/ EPA 74		Analysis Date: 7/2/2008	SeqNo: 1492380

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	5.096	0.25	5.000	0	102	80	120				

Sample ID: 099270-030A-DUP	SampType: DUP	TestCode: 7420_ST	Units: mg/L	Prep Date:	RunNo: 96544
Client ID: ZZZZZZ	Batch ID: R96544	TestNo: WET/ EPA 74		Analysis Date: 7/2/2008	SeqNo: 1492384

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.468	0.25						0.8328	56.1	20	R

Sample ID: 099270-030A-MS	SampType: MS	TestCode: 7420_ST	Units: mg/L	Prep Date:	RunNo: 96544
Client ID: ZZZZZZ	Batch ID: R96544	TestNo: WET/ EPA 74		Analysis Date: 7/2/2008	SeqNo: 1492385

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.587	0.25	5.000	0.8328	75.1	80	120				S

Sample ID: 099270-030A-MSD	SampType: MSD	TestCode: 7420_ST	Units: mg/L	Prep Date:	RunNo: 96544
Client ID: ZZZZZZ	Batch ID: R96544	TestNo: WET/ EPA 74		Analysis Date: 7/2/2008	SeqNo: 1492386

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.654	0.25	5.000	0.8328	76.4	80	120	4.587	1.45	20	S

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

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Consultants, Inc.
Work Order: 099549
Project: BISHOP MS (SHOP 29), S9200-06-52

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_TC

Sample ID: MB-46831A	SampType: MBLK	TestCode: 7420_TC	Units: mg/L	Prep Date: 7/1/2008	RunNo: 96507
Client ID: PBS	Batch ID: 46831	TestNo: EPA 1311/ 74	EPA3010A	Analysis Date: 7/1/2008	SeqNo: 1491425

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID: MB-46805A TCLP	SampType: MBLK	TestCode: 7420_TC	Units: mg/L	Prep Date: 7/1/2008	RunNo: 96507
Client ID: PBS	Batch ID: 46831	TestNo: EPA 1311/ 74	EPA3010A	Analysis Date: 7/1/2008	SeqNo: 1491426

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.25									

Sample ID: LCS-46831	SampType: LCS	TestCode: 7420_TC	Units: mg/L	Prep Date: 7/1/2008	RunNo: 96507
Client ID: LCSS	Batch ID: 46831	TestNo: EPA 1311/ 74	EPA3010A	Analysis Date: 7/1/2008	SeqNo: 1491427

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.084	0.25	1.000	0	108	80	120				

Sample ID: 099270-033A-DUP	SampType: DUP	TestCode: 7420_TC	Units: mg/L	Prep Date: 7/1/2008	RunNo: 96507
Client ID: ZZZZZZ	Batch ID: 46831	TestNo: EPA 1311/ 74	EPA3010A	Analysis Date: 7/1/2008	SeqNo: 1491429

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.623	0.25						0.7563	19.3	20	

Sample ID: 099270-033A-MS	SampType: MS	TestCode: 7420_TC	Units: mg/L	Prep Date: 7/1/2008	RunNo: 96507
Client ID: ZZZZZZ	Batch ID: 46831	TestNo: EPA 1311/ 74	EPA3010A	Analysis Date: 7/1/2008	SeqNo: 1491430

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	3.064	0.25	2.500	0.7563	92.3	70	130				

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

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CLIENT: Geocon Consultants, Inc.
Work Order: 099549
Project: BISHOP MS (SHOP 29), S9200-06-52

ANALYTICAL QC SUMMARY REPORT

TestCode: 7420_TC

Sample ID: 099270-033A-MSD	SampType: MSD	TestCode: 7420_TC	Units: mg/L	Prep Date: 7/1/2008	RunNo: 96507
Client ID: ZZZZZZ	Batch ID: 46831	TestNo: EPA 1311/ 74 EPA3010A		Analysis Date: 7/1/2008	SeqNo: 1491431

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.789	0.25	2.500	0.7563	81.3	70	130	3.064	9.40	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