

Purchasing Division

Request for Quote

RFQ-5527-24-DD Asbestos Abatement

Responses Due:

October 31, 2024, prior to 2:00 PM

Accepting Electronic Responses Only Responses Only Submitted Through the Rocky Mountain E-Purchasing System (RMEPS)

www.bidnetdirect.com/colorado

(Purchasing Representative does not have access or control of the vendor side of RMEPS. If website or other problems arise during response submission, vendor <u>MUST</u> contact RMEPS to resolve the issue prior to the response deadline. 800-835-4603)

NOTE: All City solicitation openings will continue to be held virtually.

Purchasing Representative:

Dolly Daniels, Senior Buyer dollyd@gicity.org 970-256-4048

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1. <u>Instructions to Quoters</u>

NOTE: It is the Contractor's responsibility to read and review all solicitation documentation in its entirety, and to ensure that they have a clear and complete understanding of not only the scope, specifications, project requirements, etc., but also all other requirements, instructions, rules, regulations, laws, conditions, statements, procurement policies, etc. that are associated with the solicitation process and project/Work being solicited.

- 1.1. A.D.A Document Compliance Requirements: All work documents, and/or Quote/proposal documents submitted, as a result of this solicitation must comply with all applicable provisions of §§24-85-101, C.R.S., et seq., and the Accessibility Standards for Individuals with a Disability, as established by the Office Of Information Technology according to Section §24-85-103 (2.5), C.R.S. and 3) all State of Colorado technology standards related to technology accessibility and with Level A.A. of the most current version of the Web Content Accessibility Guidelines (WCAG), incorporated in the State of Colorado technology standards.
- 1.2. Purpose: The City of Grand Junction is soliciting competitive Quotes from qualified and interested Asbestos Abatement Contractors to submit quotes for all labor, equipment, and materials for the removal and disposal of asbestos-containing materials (ACMs) for two (2) house structures as described in Section 3.2. All dimensions and scope of work should be verified by Contractors prior to submission of Quotes.
- **1.3. Issuing Office:** This Request for Quote (RFQ) is issued by the City of Grand Junction. All contact regarding this RFQ is to be directed to:

Dolly Daniels; Senior Buyer

dollyd@gicity.org

With the exception of Pre-Bid or Site Visit Meeting(s) all questions, inquiries, comments, or communication pertaining to this solicitation (whether process, specifications, scope, etc.) must be directed (in writing) to the Purchasing Agent. Other communication may result in disqualification.

- 1.4. Non-Mandatory Pre-Bid Site Walk Down Meeting: Interested Contractors are strongly encouraged to attend a site visit. The purpose of this site visit meeting will be to inspect and to clarify the contents of this Request for Quote (RFQ). The site visit meeting shall take place on Monday, October 21, 2024, at 10:00am starting at 2844 Patterson Rd Grand Junction and concluding at 649 25 Rd Grand Junction. Nothing stated during the site visit meeting will modify the solicitation. Only information provided in an addendum can modify the solicitation.
- **1.5. The Owner:** The Owner is the City of Grand Junction, Colorado and is referred to throughout this Solicitation. The term Owner means the Owner or its authorized representative.

- **1.6. Procurement Process:** The most current version of the City of Grand Junction Purchasing Policy and Procedure Manual is contracting.
- Submission: Each proposal shall be submitted in electronic format only, and only 1.7. E-Purchasina website. through the Rocky Mountain This site offers both "free" and "paying" (wwwbidnetdirect.com/colorado). registration options that allow for full access of the Owner's documents and for electronic submission of proposals. (Note: "free" registration may take up to 24 hours to process. Please Plan accordingly.) Please view our "Electronic Vendor Registration" Guide" at https://co-grandjunction.civicplus.com/501/Purchasing-Bids for details. (Purchasing Representative does not have access or control of the vendor side of RMEPS. If the website or other problems arise during response submission, the vendor MUST contact RMEPS to resolve the issue prior to the response deadline 800-835-4603).

RFQ Opening Asbestos Abatement RFQ-5527-24-DD Oct 31, 2024, 2:00 – 2:30 PM (America/Denver)

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- **1.8.** Modification and Withdrawal of Quotes Before Opening. Quotes may be modified or withdrawn by an appropriate document stating such, duly executed and submitted to the place where Quotes are to be submitted at any time prior to Quote Opening.
- **1.9. Printed Form for Price Quote:** All Price Quotes must be made upon the Price Quote Schedule attached and should give the amounts both in words and in figures and must be signed and acknowledged by the Quoter.

The Quoter shall specify a unit price in figures for each pay item for which a quantity is given and shall provide the products (in numbers) of the respective unit prices and quantities in the Extended Amount column. The total Quote price shall be equal to the sum of all extended amount prices. When an item in the Price Quote Schedule provides a choice to be made by the Quoter, Quoter's choice shall be indicated in accordance with the specifications for that particular item and thereafter no further choice shall be permitted.

Where the unit of a pay item is lump sum, the lump sum amount shall be shown in the "extended amount" column and included in the summation of the total Quote.

All blank spaces in the Price Quote Schedule must be properly filled out.

Quotes by corporations must be executed in the corporate name by the president or vice president or other corporate office accompanied by evidence of authority to sign. The corporate address and state of incorporation shall be shown below the signature.

Quotes by partnerships must be executed in the partnership name and signed by a partner whose title must appear under the signature and the official address of the partnership must be shown below the signature.

All names must be typed or printed below the signature.

The Quoter's Quote shall contain an acknowledgement of receipt of all Addenda, the numbers of which shall be filled in on the Contractor's Quote Form.

The contact information to which communications regarding the Quote are to be directed must be shown.

- **1.10.** Exclusions: No oral, telephonic, emailed, or facsimile Quote will be considered
- **1.11. Contract Documents:** The complete RFQ and Quoter's response compose the Contract Documents. Copies of Quote documents can be obtained from the City Purchasing website, https://co-grandjunction.civicplus.com/501/Purchasing-Bids .
- **1.12. Additional Documents:** The July 2010 edition of the "City Standard Contract Documents for Capital Improvements Construction", Plans, Specifications and other Quote Documents are available for review or download on the Purchasing Bids page at https://co-grandjunction.civicplus.com/501/Purchasing-Bids.
- **1.13. Definitions and Terms:** See Article I, Section 3 of the General Contract Conditions in the *Standard Contract Documents for Capital Improvements Construction*.
- 1.14. Examination of Specifications: Quoters shall thoroughly examine and be familiar with the project Statement of Work. The failure or omission of any Quoter to receive or examine any form, addendum, or other document shall in no way relieve any Quoter from any obligation with respect to its Quote. The submission of a Quote shall be taken as evidence of compliance with this section. Prior to submitting a Quote, each Quoter shall, at a minimum:
 - a. Examine the *Contract Documents* thoroughly;
 - b. Visit the site to familiarize with local conditions that may in any manner affect cost, progress, or performance of the Work;
 - Become familiar with federal, state, and local laws, ordinances, rules, and regulations that may in any manner affect cost, progress or performance of the Work;
 - d. Study and carefully correlate Quoter's observations with the *Contract Documents*, and;
 - e. Notify the Purchasing Agent of all conflicts, errors, ambiguities or discrepancies in or among the *Contract Documents* within the designated inquiry period.

On request, the Owner will provide each Quoter access to the site to conduct such investigations and tests as each Quoter deems necessary for submission of a Quote. It shall be the Quoter's responsibility to make or obtain any additional examinations, investigations, explorations, tests and studies and obtain any additional information and data which pertain to the physical conditions of the site or otherwise which may affect cost, progress or performance of the Work and which the Quoter deems necessary to determine its Quote for performing the Work in accordance with the time, price and other terms and conditions of the Contract Documents.

By submission of a Quote, the Quoter shall be conclusively presumed to represent that the Quoter has complied with every requirement of these Instructions to Quoters, that the *Contract Documents* are not ambiguous and are sufficient in scope and detail to indicate and convey understanding of all terms and conditions for performance of the Work.

- **1.15.** Questions Regarding Statement of Work: Any information relative to interpretation of Scope of Work or specifications shall be requested of the Purchasing Representative, in writing, in ample time, prior to the inquiry deadline.
- 1.16. Addenda & Interpretations: If it becomes necessary to revise any part of this solicitation, a written addendum will be posted electronically on the City's website at https://co-grandjunction.civicplus.com/501/Purchasing-Bids. The Owner is not bound by any oral representations, clarifications, or changes made in the written specifications by Owner, unless such clarification or change is provided in written addendum form from the City Purchasing Representative.
- **1.17. Taxes:** The Owner is exempt from State retail and Federal tax. The Quote price must be net, exclusive of taxes.
- **1.18. Sales and Use Taxes:** The Contractor and all Subcontractors are required to obtain exemption certificates from the Colorado Department of Revenue for sales and use taxes in accordance with the provisions of the General Contract Conditions. Quotes shall reflect this method of accounting for sales and use taxes on materials, fixtures and equipment.
- **1.19. Offers Binding 60 Days:** Unless additional time is required by the Owner, or otherwise specified, all formal offers submitted shall be binding for sixty (60) calendar days following opening date, unless the Quoter, upon request of the Purchasing Representative, agrees to an extension.
- 1.20. Exceptions and Substitutions: All Quotes meeting the intent of this RFQ shall be considered for award. A Contractor taking exception to the specifications does so at the Quoter's risk. The Owner reserves the right to accept or reject any or all substitutions or alternatives. When offering substitutions and/or alternatives, Contractor must state any exception(s) in the section to which the exception(s) pertains. Exception/substitution, if accepted, must meet or exceed the stated intent and/or specifications. The absence of stated exception(s) indicates that the Contractor has not taken exceptions, and if awarded a Contract, shall hold the Contractor responsible to perform in strict accordance with the specifications or scope of the proposal and contract documents.

- 1.21. Collusion Clause: Each Contractor by submitting a proposal certifies that it is not party to any collusive action or any action that may be in violation of the Sherman Antitrust Act. Any and all proposals shall be rejected if there is evidence or reason for believing that collusion exists among the proposers. The Owner may or may not, at its discretion, accept future proposals for the same service or commodities for participants in such collusion.
- **1.22. Disqualification of Quoters:** A Quote will not be accepted from, nor shall a Contract be awarded to, any person, Contractor, or corporation that is in arrears to the Owner, upon debt or contract, or that has defaulted, as surety or otherwise, upon any obligation to the Owner, or that is deemed irresponsible or unreliable.

Quoters may be required to submit satisfactory evidence that it is responsible, have a practical knowledge of the project Quote upon and that it has the necessary financial and other resources to complete the proposed Work.

Either of the following reasons, without limitation, shall be considered sufficient to disqualify a Quoter and Quote:

- a. More than one Quote is submitted for the same Work from an individual, Contractor, or corporation under the same or different name; and
- b. Evidence of collusion among Quoters. Any participant in such collusion shall not receive recognition as a Quoter for any future Work of the Owner until such participant has been reinstated as a qualified Quoter.
- **1.23. Public Disclosure Record:** If the Quoter has knowledge of its employee(s) or sub-Contractors having an immediate family relationship with an Owner employee or elected official, the Quoter must provide the Purchasing Agent with the name(s) of the individuals. The individuals are required to file a "Public Disclosure Record", a statement of financial interest, before conducting business with the Owner.

2. General Contract Conditions for Construction Projects

- **2.5. The Contract:** This Request for Quote submitted documents, and any negotiations, when properly accepted by the City, shall constitute a Contract equally binding between the City and Contractor. The contract represents the entire and integrated agreement between the parties hereto and supersedes all prior negotiations, representations, or agreements, either written or oral. The contract may be amended or modified with Change Orders, Field Orders, or Addendums.
- **2.6. The Work:** The term Work includes all labor necessary for the removal of the Asbestos-Containing Materials required by the Contract Documents, and all materials and equipment incorporated or to be incorporated in such Work.
- **2.7. Execution, Correlation, Intent, and Interpretations:** The Contract Documents shall be signed by the Owner and Contractor. By executing the Contract, the Contractor represents that it has familiarized itself with the local conditions under which the Work is

to be performed and correlated its observations with the requirements of the Contract Documents. The Contract Documents are complementary, and what is required by anyone, shall be as binding as if required by all. The intention of the Contract Documents is to include all labor, materials, equipment, Work and other items necessary for the proper execution and completion of the Scope of Work as defined in the technical specifications and/or drawings contained herein. All drawings, specifications and copies furnished by the Owner are, and shall remain, Owner property. It is not to be used on any other project.

- 2.8. The Owner: The Owner is the City of Grand Junction, Colorado and is referred to throughout the Contract Documents. The term Owner means the Owner or its authorized representative. The Owner shall, at all times, have access to the Work wherever it is in preparation and progress. The Contractor shall provide facilities for such access. The Owner will make periodic visits to the site to familiarize itself generally with the progress and quality of Work and to determine, in general, if the Work is proceeding in accordance Based on such observations and the Contractor's with the contract documents. Application for Payment, the Owner will determine the amounts owing to the Contractor and will issue Certificates for Payment in such amounts as provided in the contract. The Owner will have authority to reject Work which does not conform to the Contract documents. Whenever, in its reasonable opinion, it considers it necessary or advisable to ensure the proper implementation of the intent of the Contract Documents, it will have authority to require the Contractor to stop the Work or any portion, or to require special inspection or testing of the Work, whether or not such Work can be then be fabricated, installed, or completed. The Owner will not be responsible for the acts or omissions of the Contractor, and sub-Contractor, or any of its agents or employees, or any other persons performing any of the Work.
- 2.9. Contractor: The Contractor is the person or organization identified as such in the Agreement and is referred to throughout the Contract Documents. The term Contractor means the Contractor or its authorized representative. The Contractor shall carefully study and compare the General Contract Conditions of the Contract, Specification and Drawings, Scope of Work, Addenda and Modifications and shall at once report to the Owner any error, inconsistency, or omission it may discover. Contractor shall not be liable to the Owner for any damage resulting from such errors, inconsistencies, or omissions. The Contractor shall not commence Work without clarifying Drawings, Specifications, or Interpretations.
- **2.10. Sub-Contractors:** A sub-contractor is a person or organization who has a direct contract with the Contractor to perform any of the Work at the site. The term sub-Contractor is referred to throughout the contract documents and means a sub-Contractor or its authorized representative.
- 2.11. Award of Sub-Contractors & Other Contracts for Portions of the Work: Contractor shall submit with its Quote response to the Owner, in writing for acceptance, a list of the names of the sub-Contractors or other persons or organizations proposed for such portions of the Work as may be designated in the proposal requirements, or, if none is so designated, the names of the sub-Contractors proposed for the principal portions of the Work. Prior to the award of the contract, the Owner shall notify the successful Contractor in writing if, after due investigation, has reasonable objection to any person

or organization on such list. If, prior to the award of the contract, the Owner has a reasonable and substantial objection to any person or organization on such list and refuses in writing to accept such person or organization, the successful Contractor may, prior to the award, withdraw its proposal without forfeiture of proposal security. If the successful Contractor submits an acceptable substitute with an increase in the proposed price to cover the difference in cost occasioned by the substitution, the Owner may, at its discretion, accept the increased proposal or may disqualify the Contractor. If, after the award, the Owner refuses to accept any person or organization on such list, the Contractor shall submit an acceptable substitute, and the contract sum shall be increased or decreased by the difference in cost occasioned by such substitution and an appropriate Change Order shall be issued. However, no increase in the contract sum shall be allowed for any such substitution unless the Contractor has acted promptly and responsively in submitting a name with respect thereto prior to the award.

- 2.12. Substitutions: The materials, products and equipment described in the Solicitation Documents shall be regarded as establishing a standard of required performance, function, dimension, appearance, or quality to be met by any proposed substitution. No substitution will be considered prior to receipt of Quotes unless the Quoter submits a written request for approval to the City Purchasing Division at least ten (10) days prior to the date for receipt of Quotes. Such requests for approval shall include the name of the material or equipment for which substitution is sought and a complete description of the proposed substitution including drawings, performance and test data, and other information necessary for evaluation, including samples if requested. The Quoter shall set forth changes in other materials, equipment, or other portions of the Work including changes of the Work of other contracts, which incorporation of the proposed substitution would require to be included. The Owner's decision of approval or disapproval of a proposed substitution shall be final. If the Owner approves a proposed substitution before receipt of Quotes, such approval will be set forth in an Addendum. Quoters shall not rely upon approvals made in any other manner.
- **2.13.** Supervision and Construction Procedures: The Contractor shall supervise and direct the Work, using its best skill and attention. It shall be solely responsible for all construction means, methods, techniques, sequences, and procedures and for coordinating all portions of the Work under the contract.
- 2.14. Warranty: The Contractor warrants to the Owner that all materials and equipment furnished under this contract will be new unless otherwise specified, and that all Work will be of good quality, free from faults and defects and in conformance with the Contract Documents. All Work not so conforming to these standards may be considered defective. If required by Owner, the Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment. If within ten (10) days after written notice to the Contractor requesting such repairs or replacement, the Contractor should neglect to make or undertake with due diligence to the same, the City may make such repairs or replacements. All indirect and direct costs of such correction or removal or replacement shall be at the Contractor's expense. The Contractor will also bear the expenses of making good all Work of others destroyed or damaged by the correction, removal or replacement of its defective Work.

- 2.15. Permits, Fees, & Notices: The Contractor shall secure and pay for all permits, governmental fees, and licenses necessary for the proper execution and completion of the Work. The Contractor shall give all notices and comply with all laws, ordinances, rules, regulations, and orders of any public authority, including the City, bearing on the performance of the Work. If the Contractor observes that any of the Contract Documents are at variance in any respect, it shall promptly notify the Purchasing Agent in writing, and any necessary changes shall be adjusted. If the Contractor performs any Work knowing it to be contrary to such laws, ordinances, rules, and regulations, and without such notice to the Owner, it shall assume full responsibility and shall bear all costs attributable to the non-conforming Work.
- **2.16.** Responsibility for Those Performing the Work: The Contractor shall be responsible to the Owner for the acts and omissions of all its employees and all sub-Contractors, its agents and employees, and all other persons performing any of the Work under a contract with the Contractor.
- **2.17. Use of the Site:** The Contractor shall confine operations at the site to areas permitted by law, ordinances, permits and the Contract Documents, and shall not unreasonably encumber the site with any materials or equipment.
- **2.18. Cleanup:** The Contractor at all times shall keep the premises free from accumulation of waste materials or rubbish caused by its operations. At the completion of Work shall remove all its waste materials and rubbish from and about the project, as well as all its tools, construction equipment, machinery, and surplus materials.
- 2.19. Insurance: The selected Quoter agrees to procure and maintain, at its own cost, policy(s) of insurance sufficient to insure against all liability, claims, demands, and other obligations assumed by the Quoter pursuant to this Section. Such insurance shall be in addition to any other insurance requirements imposed by this Contract or by law. The Quoter shall not be relieved of any liability, claims, demands, or other obligations assumed pursuant to this Section by reason of its failure to procure or maintain insurance in sufficient amounts, durations, or types.
 - Quoter shall procure and maintain and, if applicable, shall cause any Subcontractor of the Quoter to procure and maintain insurance coverage listed below. Such coverage shall be procured and maintained with forms and insurance acceptable to the Owner. All coverage shall be continuously maintained to cover all liability, claims, demands, and other obligations assumed by the Quoter pursuant to this Section. In the case of any claims-made policy, the necessary retroactive dates and extended reporting periods shall be procured to maintain such continuous coverage. Minimum coverage limits shall be as indicated below unless specified otherwise in the Special Conditions:
 - (a) Worker Compensation: Contractor shall comply with all State of Colorado Regulations concerning Workers' Compensation insurance coverage.
 - (b) General Liability insurance with minimum combined single limits of:

FIVE HUNDRED THOUSAND DOLLARS (\$500,000) each occurrence and FIVE HUNDRED THOUSAND DOLLARS (\$500,000) per job aggregate.

The policy shall be applicable to all premises and operations. The policy shall include coverage for bodily injury, broad form property damage (including completed operations), personal injury (including coverage for contractual and employee acts), blanket contractual, products, and completed operations. The policy shall include coverage for explosion, collapse, and underground hazards. The policy shall contain a severability of interest's provision.

(c) Comprehensive Automobile Liability insurance with minimum combined single limits for bodily injury and property damage of not less than:

FIVE HUNDRED THOUSAND DOLLARS (\$500,000) each occurrence and FIVE HUNDRED THOUSAND DOLLARS (\$500,000) aggregate This policy shall provide coverage to protect the contractor against liability incurred as a

result of the professional services performed as a result of responding to this Solicitation.

With respect to each of Quoter's owned, hired, or non-owned vehicles assigned to be used in performance of the Work. The policy shall contain a severability of interests provision. The policies required by paragraph (b) above shall be endorsed to include the City and/or County, and the City's and/or County's officers and employees as additional insureds. Every policy required above shall be primary insurance, and any insurance carried by the Owner, its officers, or its employees, or carried by or provided through any insurance pool of the Owner, shall be excess and not contributory insurance to that provided by Quoter. No additional insured endorsement to any required policy shall contain any exclusion for bodily injury or property damage arising from completed operations. The Quoter shall be solely responsible for any deductible losses under any policy required above.

- 2.20. Indemnification: The Contractor shall defend, indemnify and save harmless the Owner, and all its officers, employees, insurers, and self-insurance pool, from and against all liability, suits, actions, or other claims of any character, name and description brought for or on account of any injuries or damages received or sustained by any person, persons, or property on account of any negligent act or fault of the Contractor, or of any Contractor's agent, employee, sub-Contractor or supplier in the execution of, or performance under, any contract which may result from proposal award. Contractor shall pay any judgment with costs which may be obtained by and/or against the Owner arising out of or under the performance.
- 2.21. Miscellaneous Conditions: Material Availability: Contractors must accept responsibility for verification of material availability, production schedules, and other pertinent data prior to submission of Quote. It is the responsibility of the Quoter to notify the Owner immediately if materials specified are discontinued, replaced, or not available for an extended period of time. OSHA Standards: All Quoters agree and warrant that Work performed in response to this request shall conform to the standards declared by the US Department of Labor under the Occupational Safety and Health Act of 1970 (OSHA). In the event the Work does not conform to OSHA standards, the Owner may require the Work to be redone at no additional expense to the Owner.
- **2.22.** Time: Time is of the essence with respect to the time of completion of the Project and any other milestones or deadline which are part of the Contract. It will be necessary for

each Quoter to satisfy the City of its ability to complete the Work within the Contract Time set forth in the Contract Documents. The Contract Time is the period of time allotted in the Contract Documents for completion of the Work. The date of commencement of the Work is the date established in a Notice to Proceed. If there is no Notice to Proceed, it shall be the date of the Contract or such other date as may be established therein, or as established as entered on the Quote Form. The Date of Final Completion of the Work is the date certified by the Owner when all construction, and all other Work associated to include, but not be limited to: testing, QA/QC, receipt of required reports and/or forms, grant requirements (if applicable), punch list items, clean-up, receipt of drawings and/or as-builts, etc., is fully complete, and in accordance with the Contract Documents.

- **2.23. Progress & Completion:** The Contractor shall begin Work on the date of commencement as defined in the Contract and shall carry the Work forward expeditiously with adequate forces and shall complete it within the contract time.
- 2.24. Payment & Completion: The Contract Sum is stated in the Contract and is the total amount payable by the Owner to the Contractor for the performance of the Work under the Contract Documents. Upon receipt of written notice that the Work is ready for final inspection and acceptance and upon receipt of application for payment, the Owner's Project Manager will promptly make such inspection and, when it finds the Work acceptable under the Contract Documents and the Contract fully performed, the Owner shall make payment in the manner provided in the Contract Documents.
- 2.25. Contingency/Force Account/Minor Contract Revisions: Contingency/Force Account/Minor Contract Revisions Work will be authorized by the Owner's Project Manager and is defined as minor expenses to cover miscellaneous or unforeseen expenses related to the project. The expenses are not included in the Drawings, Specifications, or Scope of Work and are necessary to accomplish the scope of this contract. Contingency/Force Account/Minor Contract Revisions Authorization will be directed by the Owner through an approved form. Contingency/Force Account/Minor Contract Revisions funds are the property of the Owner and any Contingency/Force Account/Minor Contract Revisions funds, not required for project completion, shall remain the property of the Owner. Contractor is not entitled to any Contingency/Force Account/Minor Contract Revisions funds, that are not authorized by Owner or Owner's Project Manager.
- 2.26. Protection of Persons & Property: The Contractor shall comply with all applicable laws, ordinances, rules, regulations, and orders of any public authority having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss. Contractor shall erect and maintain, as required by existing safeguards for safety and protection, and all reasonable precautions, including posting danger signs or other warnings against hazards promulgating safety regulations and notifying owners and users of adjacent utilities. When or where any direct or indirect damage or injury is done to public or private property by or on account of any act, omission, neglect, or misconduct by the Contractor in the execution of the Work, or in consequence of the non-execution thereof by the Contractor, it shall restore, at its own expense, such property to a condition similar or equal to that existing before such damage or injury was done, by repairing, rebuilding, or otherwise restoring as may be directed, or it shall make good such damage or injury in an acceptable manner.

- 2.27. Changes in the Work: The Owner, without invalidating the contract, may order changes in the Work within the general scope of the contract consisting of additions, deletions or other revisions, the contract sum, and the contract time being adjusted accordingly. All such changes in the Work shall be authorized by Change Order and shall be executed under the applicable conditions of the contract documents. A Change Order is a written order to the Contractor signed by the Owner issued after the execution of the contract, authorizing a change in the Work or an adjustment in the contract sum or the contract time. The contract sum and the contract time may be changed only by Change Order.
- 2.28. Claims for Additional Cost or Time: If the Contractor wishes to make a claim for an increase in the contract sum or an extension in the contract time, it shall give the Owner written notice thereof within a reasonable time after the occurrence of the event giving rise to such claim. This notice shall be given by the Contractor before proceeding to execute the Work, except in an emergency endangering life or property in which case the Contractor shall proceed in accordance with the regulations on safety. No such claim shall be valid unless so made. Any change in the contract sum or contract time resulting from such claim shall be authorized by Change Order.
- **2.29. Minor Changes in the Work:** The Owner shall have authority to order minor changes in the Work not involving an adjustment in the contract sum or an extension of the contract time and not inconsistent with the intent of the contract documents.
- **2.30. Field Orders:** The Owner may issue written Field Orders which interpret the Contract Documents in accordance with the specifications, or which order minor changes in the Work in accordance with the agreement, without change in the contract sum or time. The Contractor shall carry out such Field Orders promptly.
- 2.31. Uncovering & Correction of Work: The Contractor shall promptly correct all Work rejected by the Owner as defective or as failing to conform to the contract documents whether observed before or after substantial completion and whether or not fabricated installed or competed. The Contractor shall bear all costs of correcting such rejected Work, including the cost of the Owner's additional Work thereby made necessary. If within one (1) year after the date of completion or within such longer period of time as may be prescribed by law or by the terms of any applicable special guarantee required by the contract documents, any of the Work found to be defective or not in accordance with the contract documents, the Contractor shall correct it promptly after receipt of a written notice from the Owner to do so unless the Owner has previously given the Contractor a written acceptance of such condition. The Owner shall give such notice promptly after discovery of condition. All such defective or non-conforming Work under the above paragraphs shall be removed from the site where necessary and the Work shall be corrected to comply with the contract documents without cost to the Owner. The Contractor shall bear the cost of making good all Work of separate Contractors destroyed or damaged by such removal or correction. If the Owner prefers to accept defective or non-conforming Work, it may do so instead of requiring its removal and correction, in which case a Change Order will be issued to reflect an appropriate reduction in the payment or contract sum, or, if the amount is determined after final payment, it shall be paid by the Contractor.

- **2.32. Amendment:** No oral statement of any person shall modify or otherwise change, or affect the terms, conditions or specifications stated in the Contract. All amendments to the Contract shall be made in writing by the City Contract Administrator.
- **2.33. Assignment:** The Contractor shall not sell, assign, transfer or convey the Contract resulting from this RFQ, in whole or in part, without the prior written approval from the Owner.
- 2.34. Compliance with Laws: Quotes must comply with all Federal, State, County and local laws governing the service and the fulfillment of the Work for and on behalf of the public. Contractor hereby warrants that it is qualified to assume the responsibilities and render the Work described herein and has all requisite corporate authority and professional licenses in good standing, required by law.
- **2.35. Confidentiality:** All information disclosed by the Owner to the Contractor for the purpose of the Work to be done or information that comes to the attention of the Contractor during the course of performing such Work is to be kept strictly confidential.
- **2.36.** Conflict of Interest: No public official and/or City/County employee shall have interest in the Contract resulting from this Request for Quote.
- 2.37. Contract Termination: The Contract shall remain in effect until any of the following occurs: (1) Contract expires; (2) completion of Work; (3) acceptance of Work or, (4) for convenience terminated by either party with a written Notice of Cancellation stating therein the reasons for such cancellation and the effective date of cancellation at least thirty days past notification.
- **2.38. Employment Discrimination:** During the performance of any Work per agreement with the Owner, the Contractor agrees to:
 - 2.38.1. Not discriminate against any employee or applicant for employment because of race, religion, color, sex, age, handicap, or national origin except when such condition is a legitimate occupational qualification reasonably necessary for the normal operations of the Contractor. The Contractor agrees to post in conspicuous places, visible to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.
 - **2.38.2.** In all solicitations or advertisements for employees placed by or on behalf of the Contractor, it is said that the Contractor is an Equal Opportunity Employer.
 - **2.38.3.** Notices, advertisements, and solicitations placed in accordance with federal law, rule, or regulation shall be deemed sufficient for the purpose of meeting the requirements of this section.
- **2.39. Affirmative Action:** In executing a Contract with the City, the Contractor agrees to comply with Affirmative Action and Equal Employment Opportunity regulations presented in the General Contract Conditions.

- 2.40. Immigration Reform and Control Act of 1986 and Immigration Compliance: The Contractor certifies that it does not and will not during the performance of the Contract employ Worker(s) without authorization Work or otherwise violate the provisions of the Federal Immigration Reform and Control Act of 1986 and/or law regulating immigration compliance.
- **2.41. Ethics:** The Contractor shall not accept or offer gifts or anything of value and/or enter into any business arrangement with any employee, official, or agent of the Owner.
- 2.42. Failure to Deliver: In the event of failure of the Contractor to perform in accordance with the Contract Documents, the Owner, after due oral or written notice, may procure Work from other sources and hold the Contractor responsible for any and all costs resulting in the purchase of additional Work and materials necessary to perform the Work. This remedy shall be in addition to any other remedies that the Owner may have.
- 2.43. Failure to Enforce: Failure by the Owner at any time to enforce the provisions of the Contract shall not be construed as a waiver of any such provisions. Such failure to enforce shall not affect the validity of the Contract or any part thereof or the right of the Owner to enforce any provision of the Contract Documents at any time in accordance with the terms thereof.
- 2.44. Force Majeure: The Contractor shall not be held responsible for failure to perform the duties and responsibilities imposed by the Contract due to legal strikes, fires, riots, rebellions, and acts of God beyond the control of the Contractor, unless otherwise specified in the Contract.
- 2.45. Independent Contractor: The Contractor shall be legally considered an independent Contractor and neither the Contractor nor its employees shall, under any circumstances, be considered servants or agents of the Owner. The Owner shall be at no time legally responsible for any negligence or other wrongdoing by the Contractor, its servants, or agents. The Owner shall not withhold from the Contract payments to the Contractor any federal or state unemployment taxes, federal or state income taxes, Social Security, or any other amounts for benefits to the Contractor. Further, the Owner shall not provide the Contractor with any insurance coverage or other benefits, including Workers' Compensation, normally provided by the Owner for its employees.
- 2.46. Nonconforming Terms and Conditions: A Quote that includes terms and conditions that do not conform to the terms and conditions of this Request for Quote is subject to rejection as non-responsive. The Owner reserves the right to permit the Contractor to withdraw nonconforming terms and conditions from its Quote prior to a determination by the Owner of non-responsiveness based on the submission of nonconforming terms and conditions.

Items for non-responsiveness may include, but not be limited to:

- a. Submission of the Quote on forms other than those supplied by the City;
- b. Alteration, interlineation, erasure, or partial detachment of any part of the forms which are supplied herein;

- Inclusion of unauthorized additions conditional or alternate Quotes or irregularities of any kind which may tend to make the Quote incomplete, indefinite, or ambiguous as to its meaning;
- d. Failure to acknowledge receipt of any or all issued Addenda;
- e. Failure to provide a unit price or a lump sum price, as appropriate, for each pay item listed except in the case of authorized alternative pay items;
- f. Failure to list the names of Sub-Contractors used in the Quote preparation as may be required in the Solicitation Documents;
- g. Submission of a Quote that, in the opinion of the Owner, is unbalanced so that each item does not reasonably carry its own proportion of cost or which contains inadequate or unreasonable prices for any item;
- h. Tying of the Quote with any other Quote or contract; and
- i. Failure to calculate Quote prices as described herein.

2.47. Evaluation of Quotes and Quoters: The Owner reserves the right to:

- reject any and all Quotes,
- waive any and all informalities,
- take into account any prompt payment discounts offered by Quoter,
- negotiate final terms with the Successful Quoter,
- take into consideration past performance of previous awards/contracts with the Owner of any Contractor, Vendor, Firm, Supplier, or Service Provider in determining final award, and
- disregard any and all nonconforming, nonresponsive or conditional Quotes.

Discrepancies between words and figures will be resolved in favor of words. Discrepancies between Unit Prices and Extended Prices will be resolved in favor of the Unit Prices. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum. The corrected extensions and totals will be shown in the tabulation of Quotes.

The Owner may consider the qualifications and experience of Sub-Contractors and other persons and organizations (including those who are to furnish the principal items of material or equipment) proposed for those portions of the Work as to which the identity of Sub-Contractors and other persons and organizations must be submitted. Operating costs, maintenance considerations, performance data, and guarantees of materials and equipment may also be considered by the Owner.

The Owner will conduct such investigations as deemed necessary to assist in the evaluation of any Quote and to establish the responsibility, qualifications, and financial ability of the Quoter, proposed Sub-Contractors and other persons and organizations to do the Work in accordance with the *Contract Documents* to the City's satisfaction within the Contract Time.

The Quoter shall furnish the Owner with all information and data requested by the Owner to determine the ability of the Quoter to perform the Work. The Owner reserves the right to reject the Quote if the evidence submitted by, or investigation of such Quoter fails to satisfy the Owner that such Quoter is properly qualified to carry out the obligations of the Contract and to complete the Work contemplated therein.

By submitting a Quote, each Quoter authorizes the Owner to perform such investigation of the Quoter as the Owner deems necessary to establish the responsibility, qualifications, and financial ability of the Quoter and, by its signature thereon, authorizes the Owner to obtain reference information concerning the Quoter and releases the party providing such information and the Owner from any and all liability to the Quoter as a result of such reference information so provided.

The Owner reserves the right to reject the Quote of any Quoter who does not pass any evaluation to the Owner's satisfaction.

If the Contract is to be awarded, it will be awarded to the Quoter who, by evaluation, the Owner determines will best meet the Owner's interests.

The Owner reserves the right to accept or reject the Work contained in any of the Price Quote Schedules or alternates, either in whole or in part.

2.48. Award of Contract: Unless otherwise indicated, a single award will be made for all the Quote items in an individual Quote schedule. In the event that the Work is contained in more than one Quote Schedule, the City may award Schedules individually or in combination. In the case of two Quote Schedules which are alternative to each other, only one of such alternative Schedules will be awarded. Within forty-five (45) Calendar Days of Quote Opening, the City will issue a Notice of Award to the Successful Quoter which will be accompanied by four (4) unsigned copies of the Contract and the Performance and Payment Bond forms. Within ten (10) Calendar Days thereafter, the Successful Quoter shall sign and deliver four (4) copies of the Contract, Performance Bond, Payment Bond, and Certificates of Insurance to the City. Within ten (10) Calendar Days thereafter, the City will deliver two (2) fully executed counterparts of the Contract to the Contractor. No contract shall exist between the Successful Quoter and the City and the Successful Quoter shall have no rights at law or in equity until the Contract has been duly executed by the City.

The Successful Quoter's failure to sign and submit a Contract and other documents set forth in this Paragraph within the prescribed time shall be just cause of annulment of the award, and forfeiture of the Quote Guaranty. The award of Contract may then be made to the next qualified Quoter in the same manner as previously prescribed.

- **2.49.** Ownership: All plans, prints, designs, concepts, etc., shall become the property of the Owner.
- 2.50. Oral Statements: No oral statement of any person shall modify or otherwise affect the terms, conditions, or specifications stated in this document and/or resulting agreement. All modifications to this request and any agreement must be made in writing by the Owner.

- 2.51. Patents/Copyrights: The Contractor agrees to protect the Owner from any claims involving infringements of patents and/or copyrights. In no event shall the Owner be liable to the Contractor for any/all suits arising on the grounds of patent(s)/copyright(s) infringement. Patent/copyright infringement shall null and void any agreement resulting from response to this Request for Quote.
- **2.52. Remedies**: The Contractor and Owner agree that both parties have all rights, duties, and remedies available as stated in the Uniform Commercial Code.
- **2.53. Venue**: Any agreement as a result of responding to this RFQ shall be deemed to have been made in, and shall be construed and interpreted in accordance with, the laws of the City of Grand Junction, Mesa County, Colorado.
- **2.54. Expenses:** Expenses incurred in preparation, submission, and presentation of this RFQ are the responsibility of the company and cannot be charged to the Owner.
- **2.55. Sovereign Immunity:** The Owner specifically reserves and asserts its right under Colorado Law and the cases applying and construing the same, including but not limited to the Colorado Governmental Immunity Act, 24-10-101 S.R.S. et seg.
- 2.56. Non-Appropriation of Funds: The contractual obligation of the Owner under this contract is contingent upon the availability of appropriated funds from this fiscal year budget as approved by the City Council or Board of County Commissioners from this fiscal year only. State of Colorado law prohibit obligation of public funds beyond the fiscal year for which the budget was approved. Anticipated expenditures/obligations beyond the end of the current Owner's fiscal year budget shall be subject to budget approval. Any contract will be subject to and must contain a governmental non-appropriation of funds clause.
- 2.57. Cooperative Purchasing: Purchases as a result of this solicitation are primarily for the City/County. Other governmental entities may be extended the opportunity to utilize the resultant contract award with the agreement of the successful provider and the participating agencies. All participating entities will be required to abide by the specifications, terms, conditions, and pricings established in this Quote. The quantities furnished in this Quote document are only for the City/County. It does not include quantities for any other jurisdiction. The City or County will be responsible only for the award for its jurisdiction. Other participating entities will place its own awards on its respective Purchase Orders through its purchasing office or use its purchasing card for purchase/payment as authorized or agreed upon between the provider and the individual entity. The City/County accepts no liability for payment of orders placed by other participating jurisdictions that choose to piggy-back on our solicitation. Orders placed by participating jurisdictions under the terms of this solicitation will indicate its specific delivery and invoicing instructions.
- 2.58. Keep Jobs in Colorado Act: Contractor shall be responsible for ensuring compliance with Article 17 of Title 8, Colorado Revised Statutes requiring 80% Colorado labor to be employed on public works. Contractor shall, upon reasonable notice provided by the Owner, permit the Owner to inspect documentation of identification and residency required by C.R.S. §8-17-101(2)(a). If Contractor claims it is entitled to a waiver pursuant to C.R.S. §8-17-101(1), Contractor shall state that there is insufficient

Colorado labor to perform the Work such that compliance with Article 17 would create an undue burden that would substantially prevent a project from proceeding to completion and shall include evidence demonstrating the insufficiency and undue burden in its response.

Unless expressly granted a waiver by the Owner pursuant to C.R.S. §8-17-101(1), Contractor shall be responsible for ensuring compliance with Article 17 of Title 8, Colorado Revised Statutes requiring 80% Colorado labor to be employed on public Works. Contractor shall, upon reasonable notice provided by the Owner, permit the Owner to inspect documentation of identification and residency required by C.R.S. §8-17-101(2)(a).

2.58.1. "Public project" is defined as:

- (a) any construction, alteration, repair, demolition, or improvement of any land, building, structure, facility, road, highway, bridge, or other public improvement suitable for and intended for use in the promotion of the public health, welfare, or safety and any maintenance programs for the upkeep of such projects.
- (b) for which appropriate or expenditure of moneys may be reasonably expected to be \$500,000.00 or more in the aggregate for any fiscal year
- (c) except any project that receives federal money.

3. Statement of Work

3.1. GENERAL / BACKGROUND: The City of Grand Junction is soliciting competitive Quotes from qualified and interested Asbestos Abatement Contractors to submit quotes for all labor, equipment, and materials for the removal and disposal of asbestoscontaining materials (ACMs) for two (2) house structures as described in Section 3.2. All dimensions and scope of work should be verified by Contractors prior to submission of Quotes.

3.2. SCOPE OF WORK:

The first structure is located at 649 25 Road and is in conflict with proposed infrastructure improvements planned for Phase 2 of the Four Canyons Parkway Project.

The second structure is located at 2844 Patterson Road and is in conflict with development of Matchett Park.

It is the City's preference to have these structures demolished and removed by the end of December 2024 if practical. The City requests an abatement schedule from each Quoter so that the asbestos free remainder of each structure can be demolished and removed by a separate contract in early 2025.

The selected Contractor will be responsible for providing comprehensive asbestos abatement and demolition services in accordance with all applicable regulations and industry standards. This RFQ is only for the abatement and removal of the asbestos containing materials in each structure. Asbestos Inspection Reports have been complete for each structure and are included as Attachments to this Solicitation. The remaining

portions of each structure will be demolished separately and are not a part if this Contract.

The Contractor shall provide an estimated cost for abatement activities and should include, but not limited to, the removal, encapsulation, or enclosure of identified ACMs in compliance with local, state, and federal regulations. The abatement process should prioritize the safety of workers, occupants, and the environment.

3.3. Regulatory Compliance:

- (a) The Contractor must comply with all local, state, and federal regulations regarding asbestos abatement and demolition.
- (b) Obtain and provide all necessary permits and approvals for the Work.

3.4. Qualifications:

- (a) The Contractor shall provide details of their experience with asbestos abatement and demolition projects.
- (b) Include a list of relevant certifications and licenses and training for personnel involved in the Project.

3.5. SPECIAL CONDITIONS & PROVISIONS:

3.5.1 Non-Mandatory Pre-Bid Site Walk Down Meeting: Interested Contractors are strongly encouraged to attend a site visit. The purpose of this site visit meeting will be to inspect and to clarify the contents of this Request for Quote (RFQ). The site visit meeting shall take place on Monday, October 21, 2024, at 10:00am starting at 2844 Patterson Rd Grand Junction and concluding at 649 25 Rd Grand Junction. Nothing stated during the site visit meeting will modify the solicitation. Only information provided in an addendum can modify the solicitation.

3.5.2 QUESTIONS REGUARDING SOLICIATION PROCESS/SCOPE OF WORK:

Dolly Daniels, Senior Buyer City of Grand Junction dollyd@gjcity.org

3.5.3 Project Manager: The Project Manager for the Project is Evan Sales, Engineering Specialist, who can be reached at (970) 244-1558 or by email at evan.sales@gicity.org. During construction, all notices, letters, submittals, and other communications directed to the City shall be addressed and mailed or delivered to:

City of Grand Junction Attn: Evan Sales 244 N. 7th Street Grand Junction, CO 81501

3.5.4 Contract Administrator: The Contract Administrator for the Project is Duane Hoff Jr., Contract Administrator, who can be reached at (970)244-1545. <u>During Construction</u>, contract related inquiries, issues, and other communications shall be directed to:

Duane Hoff Jr., Contract Administrator duaneh@gicity.org

3.5.5 Pricing: Pricing shall be all inclusive to include but not be limited to: all labor, equipment, supplies, materials, freight (F.O.B. Destination – Freight Pre-paid and Allowed to each site), travel, mobilization costs, fuel, set-up and take down costs, and full-time inspection costs, and all other costs related to the successful completion of the Project.

The Owner shall not pay nor be liable for any other additional costs including but not limited to: taxes, shipping charges, insurance, interest, penalties, termination payments, attorney fees, liquidated damages, etc.

- **3.5.6 Freight/Shipping:** All freight/shipping shall be F.O.B. Destination Freight Pre-Paid and Allowed to the project site(s), Grand Junction, CO. Contractor must meet all federal, state, and local rules, regulations, and requirements for providing such Work.
- **3.5.7 Contract:** A binding contract shall consist of: (1) the RFQ and any amendments thereto, (2) Additional Documents as stated in Section 1.10, (3) the Quoter's response (Quote) to the RFQ, (4) clarification of the Quote, if any, and (5) the City's Purchasing Department's acceptance of the Quote by "Notice of Award" or by "Purchase Order". All Exhibits and Attachments included In the RFQ shall be incorporated into the Contract by reference.
 - A. The Contract expresses the complete agreement of the parties and, performance shall be governed solely by the specifications and requirements contained therein.
 - B. Any change to the Contract, whether by modification and/or supplementation, must be accomplished by a formal Contract amendment signed and approved by and between the duly authorized representative of the Quoter and the City Purchasing Agent or by a modified Purchase Order prior to the effective date of such modification. The Quoter expressly and explicitly understands and agrees that no other method and/or no other document, including acts and oral communications by or from any person, shall be used or construed as an amendment or modification to the Contract.
- **3.5.8 Time of Completion:** The scheduled time of Completion for the Project is <u>no later than December 31, 2024.</u>

Completion is achieved when site cleanup and all punch list items (resulting from the final inspection) have been completed. Completion shall have the meaning set forth in Article I, Section 3 (Definitions and Terms) of the General Contract Conditions.

- **3.5.9 Working Days and Hours:** The working days and hours shall be as stated in the General Contract Conditions or as mutually agreed upon in the preconstruction meeting with the following exception:

 All Work shall be performed between the hours of 7:00 AM to 5:00 PM.
- **3.3.10 Authorized Representatives of the City:** Those authorized to represent the

City shall include Purchasing Agent, Engineers, and Inspectors employed by the City, only

- 3.5.11 Clean-Up: The Contractor is responsible for cleaning up all loose materials that have been deposited or swept into gutters, and onto sidewalks and driveways as a result of sidewalk operations. The costs for all clean-up Work shall be considered incidental and will not be paid for separately.
- **3.5.12 Excess Material:** All excess materials shall be disposed of in accordance with General Contract Condition Section 50.
- **3.5.13 Incidental Items:** Any item of Work not specifically identified or paid for directly, but which is necessary for the satisfactory completion of any paid items of Work, will be considered as incidental to those items, and will be included in the cost of those items.

3.6. Attachments:

- A: Asbestos Inspection Report 649 25 Road
- B: Asbestos Inspection Report 2844 Patterson Rd
- 3.7. Contractor Quote Documents: For Contractor's convenience, the following is a list of forms/items to be submitted with the Contractor's Quote response. However, should a form/item not be listed in this section, but required in the solicitation documents, it is the Contractor's responsibility to ensure all forms/items are submitted.
 - Contractor's Quote Form
 - Price Quote Schedule
 - Abatement Schedule

3.8. RFQ TENTATIVE TIME SCHEDULE:

Request for Quote available
Non-Mandatory Pre-Bid Site Visit
Inquiry deadline, no questions after this date
Addendum Posted
Submittal deadline for quotes
Notice of Award & Contract execution
Final Completion

Holidays Veteran's Day Thanksgiving Christmas Day New Year's Day October 11, 2024 October 21, 2024, 10:00 AM October 23, 2024 October 25, 2024 October 31, 2024, 2:00 PM November 4, 2024 December 31, 2024

November 11, 2024 November 28-29, 2024 December 25, 2024 January 1, 2025

4. Contractor's Quote Form

Quote Date:		
Project: RFQ-5527-24-DD "A	bestos Abatement"	
Quoting Company:		_
Name of Authorized Agent: _		
Email		
Telephone	Address	
City	StateZip	
Contract Conditions, Statemen of, and conditions affecting the all work for the Project in according to the conditions.	mpliance with the Request for Quote, having examined the Instruction to Quoters, G of Work, Specifications, and any and all Addenda thereto, having investigated the loproposed work, hereby proposes to furnish all labor, materials and supplies, and to perdance with Contract Documents, within the time set forth and at the prices stated beenses incurred in performing the work required under the Contract Documents, of which art.	ocation erform below.
connection to any person(s) pr	bes hereby declare and stipulate that this offer is made in good faith without collust oviding an offer for the same work, and that it is made in pursuance of, and subject suctions to Quoters, the Specifications, and all other Solicitation Documents, all of which ned.	to, all
	if awarded the Contract, to provide insurance certificates within ten (10) working days ubmittal of this offer will be taken by the Owner as a binding covenant that the Contrac pject in its entirety.	
or technicalities and to reject a	o make the award on the basis of the offer deemed most favorable, to waive any form by or all offers. It is further agreed that this offer may not be withdrawn for a period of time. Submission of clarifications and revised offers automatically establish a new thin	of sixty
purpose of restricting competition. No attempt has been made nor of restricting competition. The individual signing this Quo is legally responsible for the off Direct purchases by the City of The undersigned certifies that r City of Grand Junction payment Prompt payment discount of days after the responsible competition.	will be to induce any other person or Contractor to submit a Quote proposal for the pure proposal certifies it is a legal agent of the Quoter, authorized to represent the Quoter with regard to supporting documentation and prices provided. Grand Junction are tax exempt from Colorado Sales or Use Tax. Tax exempt No. 98-0 o Federal, State, County or Municipal tax will be added to the above quoted prices.	urpose ter and 03544. within
	undersigned Contractor acknowledges receipt of Addenda to the Solicitation, Specifical State number of Addenda received:	ations,
	oter to ensure all Addenda have been received and acknowledged. ned agree to comply with all terms and conditions contained herein.	
Company:		
Authorized Signature:		
Title		

The Quoter proposes to subcontract the following portion of Work:

Name & address of	Description of work	% of
Sub-Contractor	to be performed	<u>Contract</u>

The undersigned Quoter acknowledges the right of the City to reject any and all Quotes submitted and to waive informalities and irregularities therein in the City's sole discretion.

By submission of the Quote, each Quoter certifies, and in the case of a joint Quote each party thereto certifies as to its own organization, that this Quote has been arrived at independently, without collusion, consultation, communication, or agreement as to any matter relating to this Quote with any other Quoter or with any competitor.

PRICE QUOTE SCHEDULE Asbestos Abatement RFQ-5527-24-DD

Description	Lump Sum
Asbestos Abatement 649 5 Road	\$
Asbestos Abatement 2844 Patterson Rd	\$
Total	\$

Total Lump Sum Amount Written:	
	_Dollars
Provide a brief summary of your experience with asbestos abatement projections	ects_
Provide or attach a list of relevant certifications, licenses and training for pin the Project.	<u>personnel involved</u>
	_
By signing below, the Undersigned agree to comply with all terms and conditions contained h	nerein.
Authorized Signature:	
Title:	
Date	



Asbestos Building Materials Inspection Services

Client: The City of Grand Junction, 250 N. 5th Street, Grand Junction, CO 81501

Project Site: 649 25 Road, Grand Junction, CO 81506

(House & Metal Barn Structures)

Inspection Date: January 4, 2024

Phase Con Project #: 24-01-04D

2166 Peregrine Court Grand Junction, CO 81507 970-260-3341 -- office@phasecon.com

649 25 Road, Grand Junction, CO -- House (SFRD) & Metal Barn Structures

Sampling Description

Phase Con provided asbestos building inspection services at 649 25 Road in Grand Junction, Colorado on January 4, 2024. The inspection was performed by Mr. Douglas Close, a Colorado State and EPA Asbestos Building Inspector/Management Planner. This house (SFRD) and metal barn building are scheduled for demolition in the near future. Suspect materials within the scope of work were sampled and analyzed as per Colorado State Regulation #8.

A random sampling scheme was utilized in choosing sampling locations. This scheme used a grid system and randomly generated numbers. The Inspector, Mr. Douglas Close, classified the suspect materials by type (Thermal System Insulation (TSI), Surfacing Materials, and Miscellaneous Materials), and obtained the appropriate number of samples of each material based upon material type, and quantity.

Tables are provided which detail the individual samples obtained, the laboratory analysis results for these samples, the quantity and condition of Asbestos Containing Building Materials (ACBM), the locations of each homogeneous area, and other material specific information. Potential for damage to materials information is provided in the following sampling information tables.

Discussion & Recommendations

House Structure

The following materials were positive for Colorado State and EPA regulated asbestos content (>1% asbestos):

- Window Glazing present in association with the east and northeast windows on the house. There is an estimated 1 sf of this ACBM present.
- <u>Cement Asbestos Board Siding Shingles</u> present on the entire house exterior perimeter. There is an estimated 1400 sf of this ACBM present.
- <u>Interior Plaster</u> present on the upper level walls and ceilings. There is an estimated 500 sf of this ACBM present.
- Ceiling Tiles present in the kitchen and dining room. There is an

- estimated 350 sf of this ACBM present.
- <u>Non-Surfaced Gypsum Board Systems</u> present as the walls and ceilings in the west porch room. There is an estimated 400 sf of this ACBM present.
- <u>Interior Plaster</u> present on the ground level of the house as most walls and ceilings. There is an estimated 2500 sf of this ACBM present.
- <u>Tar Impregnated Felts</u> present as a black felt layer beneath the cement asbestos board siding on the exterior perimeter of the house. There is an estimated 1400 sf of this ACBM present.
- <u>Surfaced Celotex Panels</u> present as the walls and ceilings of the northwest room. There is an estimated 200 sf of this ACBM present.
- <u>Non-Surfaced Gypsum Board Systems</u> present as the walls and ceilings of the south bathroom and the south porch. There is an estimated 350 sf of this ACBM present.
- Orange Peel Type Surfaced Gypsum Board Systems present as the walls and ceilings of the Living Room, NE Bedroom and the SE Bedroom (ACBM plaster may also be present beneath this material). There is an estimated 800 sf of this ACBM present.
- <u>Green Vinyl Floor Tile & Associated Black Mastic</u> present in the west porch. There is an estimated 110 sf of this ACBM present.
- <u>Black Vinyl Floor Tile & Black Mastic</u> present in the kitchen area. There is an estimated 200 sf of this ACBM present.
- Red Vinyl Floor Tile & Black Mastic present in the kitchen and dining room areas. There is an estimated 160 sf of this ACBM present.
- <u>Brown Vinyl Floor Tile & Black Mastic</u> present in the living room. There is an estimated 250 sf of this ACBM present.

The prior listed ACBMs are regulated by the State of Colorado and the EPA and <u>must</u> be handled, removed and disposed of by a State of Colorado licensed asbestos abatement contractor (General Abatement Certificate holder) in accordance with Colorado State Regulation #8 prior to building demolition.

Metal Barn Building

No asbestos containing building materials are present in this structure. There are no building materials present which are suspect for potential asbestos content; only wood structural members and metal siding/roof panels.

If any previously unknown or undiscovered materials are found during

demolition activities which are suspect for asbestos content then these materials should be tested for potential asbestos content prior to continuing any further demolition work.

Disclaimer

The inspection services process consists of initial inspection/sampling and sampling of subsequently discovered hidden or inaccessible building materials as the inspection/abatement/demolition process occurs within the building. Discovery of hidden or inaccessible building materials by any interested parties can and will occur at any time during the inspection/abatement/demolition process and necessitates stopping discovered materials until the can demolition inspected/sampled. The discovery of hidden materials during the building demolition process is common, should be expected by the client and is a normal part of the inspection process.

Identified asbestos containing materials may be in areas which are inaccessible or hidden due to their application during the construction process and their subsequent enclosure or covering with building and finish materials. Areas behind walls, inside chases, or other hidden, covered or enclosed areas should be inspected whenever renovation or demolition activities are scheduled which may disturb the materials within or beneath these barriers. Care to watch for hidden or undiscovered materials should be taken by the demolition contractor during the demolition process. A discovery of unknown materials will necessitate stopping demolition until the materials can be inspected by a certified asbestos building inspector. 'Overspray' or excess materials from the installation or application process of asbestos containing materials is common, should be expected in the vicinity of installed asbestos containing materials, and is often present either covered by other building materials or in hidden or unexpected locations.

Bulk material samples are obtained in accordance with applicable regulations, industry standard techniques and analyzed by a NVLAP accredited laboratory; however, due to the asbestos content fluctuations which may occur in a building material due to the application and/or initial mixing process no guarantee can be made as to an 'exact' percentage asbestos content (this includes 'no asbestos detected' and 'trace' contents) which represents the entirety of the material (asbestos content fluctuations can and will occur throughout a building material).

Abatement cost estimates and material quantity estimates are

approximate only (due to the hidden nature of many of the materials), and are provided only as a general guideline to the client. More than one licensed Colorado State asbestos abatement contractor should be consulted to determine actual abatement costs of the ACBMs described above. Actual material quantities can only be determined by complete removal of covering materials.

Please call us with any questions which you may have concerning this report and our recommendations. Thank you.

Douglas A. Close

Colorado State and EPA Certified Asbestos Building Inspector/Management Planner #2930

Sample Description Table(s)

SMP L #	HMGN S AREA	MATERIAL DESCRIPTION	MATERIAL LOCATION(S)	MTRL TYPE	QUA NTIT Y	CONDI TION ASSES S	REASON for CONDN ASSESSM ENT	FANF	ASBE STOS (Y/N)
· 	A	Cement board siding	Entire house perimeter	Σ	1400 sf	G	2	LN.	Y
2	А	Cement board siding	Entire house perimeter	N	1400 sf	G	1	NF	\
3	В	Asphalt roofing shingles	Entire roof	M	1500 sf	G	ı	П	Z
4	В	Asphalt roofing shingles	Entire roof	×	1500 sf	G	-	ПN	Z
5	O	Window glazing	NE & E windows	M	1 sf	ග	ı	LΝ	٨
9	O	Window glazing	NE & E windows	Σ	1sf	5	1	ΠN	Y
2	Ω	Plaster	Upper floor walls/ceiling	S	500 sf	മ	ı	止,	Z
8	Ω	Plaster	Upper floor walls/ceiling	S	500 sf	G	•	Щ	Z
6	Q	Plaster	Upper floor walls/ceiling	S	500 sf	Э	1	ட	У
10	Ш	12x24 ceiling tiles	Kitchen/dining room	×	350 sf	ග ්	ı	Ļ.	\
F	Ш	12x24 ceiling tiles	Kitchen/dining room	Σ	350 sf	უ	1	Ц.	У
12	L1_	12x12 ceiling tile	South bathroom & porch	Σ	160 sf	ڻ ت	ı	比	Z
13	L1	12x12 ceiling tile	South bathroom & porch	M	160 sf	Э	ı	ഥ	Z
14	Ű	Non surfaced gypsum board systems	West porch walls/ceiling	Σ	400 sf	ڻ ت	:	LL.	Z
ا ت	Ű	Non surfaced gypsum board systems	West porch walls/ceiling	Σ	400 sf	Ø	ŧ	ш.	>
The state of the s	Sancter content of the sand	en e	A conservation of the cons	Variation to the second south		institution of the second section of the section of the second section of the section			

ыs e														
ASBE STOS (Y/N)	>	>	>	>	Υ	/	>	>	Z	>	>	>	Ý	>
F/NF	Ш	Ц.	Щ	ட	ഥ	N H	NF	ட	ഥ	Ľ.	Ľ	Ц	ட	ᄔ
REASON for CONDN ASSESSM ENT	,	ı	I,	1	1	ı	ł	ı	1	ı	t	•	ı	•
CONDI TION ASSES S	Э	ප	G	В	G	G	G		G	g	IJ	Э	5	Э
QUA NTIT Y	2500 sf	2500 sf	2500 sf	2500 sf	2500 sf	1400 sf	1400 sf	200 sf	200 sf	350 sf	350 sf	375 sf	375 sf	375 sf
MTRL TYPE	S	Š	S	S	S	Σ	M	Σ	M	Σ	Σ	S	S	S
MATERIAL LOCATION(S)	Most rooms walls/ceilings	Most rooms walls/ceilings	Most rooms walis/ceilings	Most rooms walls/ceilings	Most rooms walls/ceilings	Beneath siding shingles	Beneath siding shingles	NW room walls & ceiling	NW room walls & ceiling	South bathroom & south porch walls/ceiling	South bathroom & south porch walls/ceiling	Dining room walls/ceiling	Dining room walls/ceiling	Dining room walls/ceiling
MATERIAL DESCRIPTION	Interior plaster	Tar impregnated felts	Tar impregnated felts	Celotex panels	Celotex panels	Non surfaced gypsum board systems	Non surfaced gypsum board systems	Coarse plaster	Coarse plaster	Coarse plaster				
HMGN S AREA	エ	工	工	T	H	——————————————————————————————————————				~	- エ			7
SMP L #	16	17	18	19	20	21	22.	23	24	25	26	27	28	. 29

	MATERIAL DESCRIPTION	MATERIAL LOCATION(S)	MTRL TYPE	QUA NTIT Y	CONDI TION ASSES S	REASON for CONDN ASSESSM ENT	F/NF	ASBE STOS (Y/N)
Orange	Orange peel type surfacing texture	LR, NE BR, SE BR	S	800 sf	9	1	Ц.	>-
Orange	Orange peel type surfacing texture	LR, NE BR, SE BR	S	800 sf	ڻ ت	ı	Ц.	>
Orange	Orange peel type surfacing texture	LR, NE BR, SE BR	လ	800 sf	G	1	Ĺ	7
Gypsul Hon	Gypsum board core sample, Homogeneous Area M	LR, NE BR, SE BR	Σ	800 sf	ڻ ت	t	ഥ	\forall
Gypşu Hor	Gypşum board core sample, Homogeneous Area M	LR, NE BR, SE BR	Σ	800 sf	Ō		L	>
Whit	White sheet vinyl flooring	West porch	Σ	110 sf	ත	1	ட	z
Whi	White sheet vinyl flooring	West porch	Σ	110 sf	Ŋ	1	ц	Z
Green	Green 9x9 vinyl floor tile & black mastic	West porch	Σ	110 sf	ڻ ت	Į.	Ľ Z	Y, both
Green (Green 9x9 vinyl floor tile & black mastic	West porch	Σ	110 sf	Ō	ī	NF	Υ, bọth
	Black vinyl floor tile	Kitchen	Σ	200 sf	ڻ ت	1	LΝ	Υ, both
Blac	Black vinyl floor tile & black mastiç	Kitchen	Σ	200 sf	Ō	·	NF	Y, both
Red vin	Red vinyl floor tile & black mastic	Kitchen	Σ	20 sf	Ō	1	Ľ Z	Z
Red yin	Red vinyl floor tile & black mastic	Kįtchen	Σ	20 sf	ග		NF	z
Gre	Green sheet vinyl flooring	NW room	Σ	80 sf	ව	1	N.	Z

MATERIAL DESCRIPTION	Z	MATERIAL LOCATION(S)	MTRL TYPE	QUA NTIT Y	CONDI TION ASSES S	REASON for CONDN ASSESSM ENT	F/NF	ASBE STOS (Y/N)
Green sheet vinyl flooring		NW room	Ŵ	80 sf	G	1	NN N	z
White vinyl floor tile		SW bathroom	Σ	150 sf	ල	1	NF	Z
White vinyl floor tile		SW bathroom	Σ	150 sf	G	1	NF	z
Sheet vinyl flooring		South porch	Σ	70 sf	G	ı	Ľ	Z
Sheet yinyl flooring		South porch	M	70 sf	G	•	<u>L</u>	Z
Red vinyl floor tile & black mastic		Dining room	Σ	140 sf	9	•	NF	Y, both
Red vinyl floor tile & black mastic		Dining room	Σ	140 sf	១	ť	NF	Y, both
Green sheet vinyl flooring		SE bedroom	Σ	100 sf	២	ı	NF	Z
Green sheet vinyl flooring		SE bedroom	Σ	100 sf	5	1	NF	Z
Brown vinyl floor tile & mastic		LR	Σ	250 sf	9	ľ	NF	Υ, both
Brown vinyl floor tile & mastic		LR	N	250 sf	<u></u> ව	1	NF	Y, both
Blue sheet vinyl flooring		NE bedroom	M	100 sf	Ō	•	AN	Z
Blue sheet viny! flooring		NE bedroom	M	100 sf	5		NF	Z

Abbreviations

ACM: Asbestos Containing Material

Material Type:

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

Condition Assessment:

DTSI (Damaged TSI ACM)

SDTSI (Significantly Damaged TSI ACM)

SDFS (Significantly Damaged Friable Surfacing ACM)

DFM (Damaged Friable Miscellaneous ACM)

SDFM (Significantly Damaged Friable Miscellaneous ACM)

PD (ACM with potential for damage)

PSD (ACM with potential for significant damage)

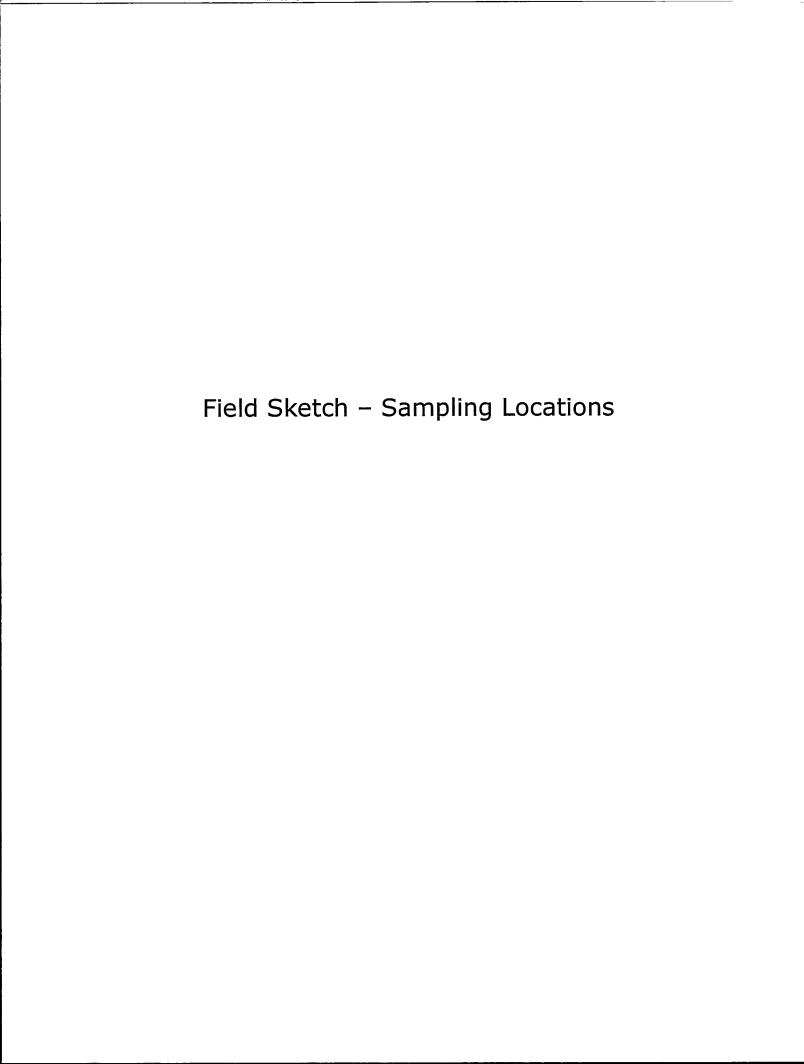
ARF (Any Remaining Friable ACM)

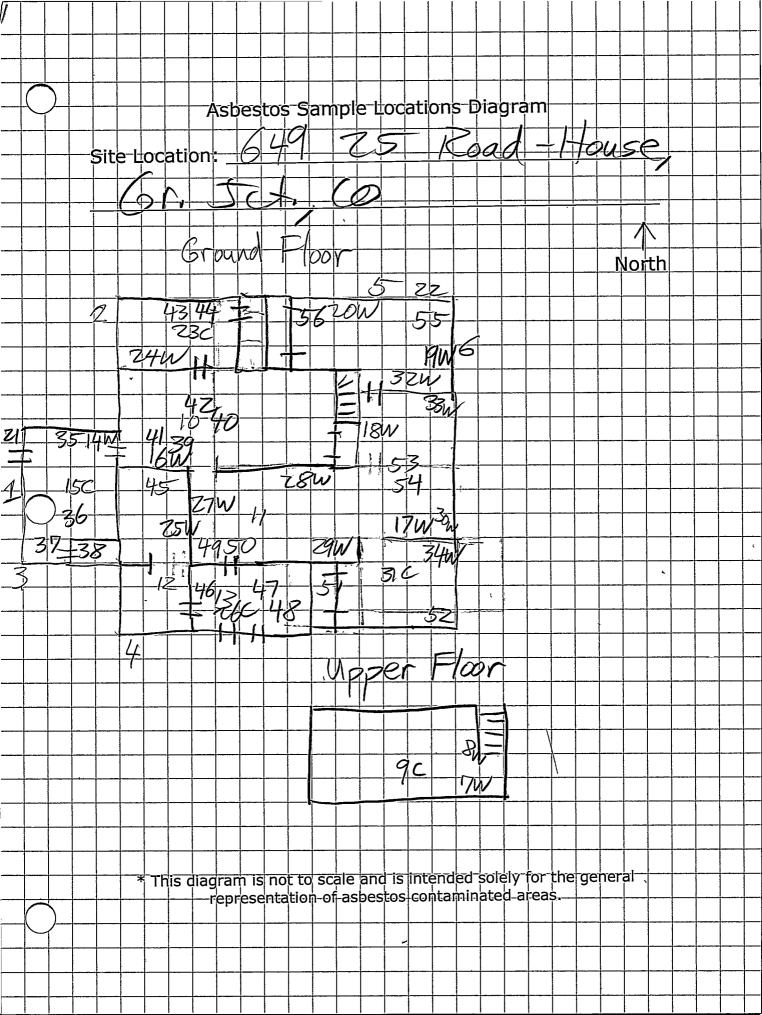
F: Friable

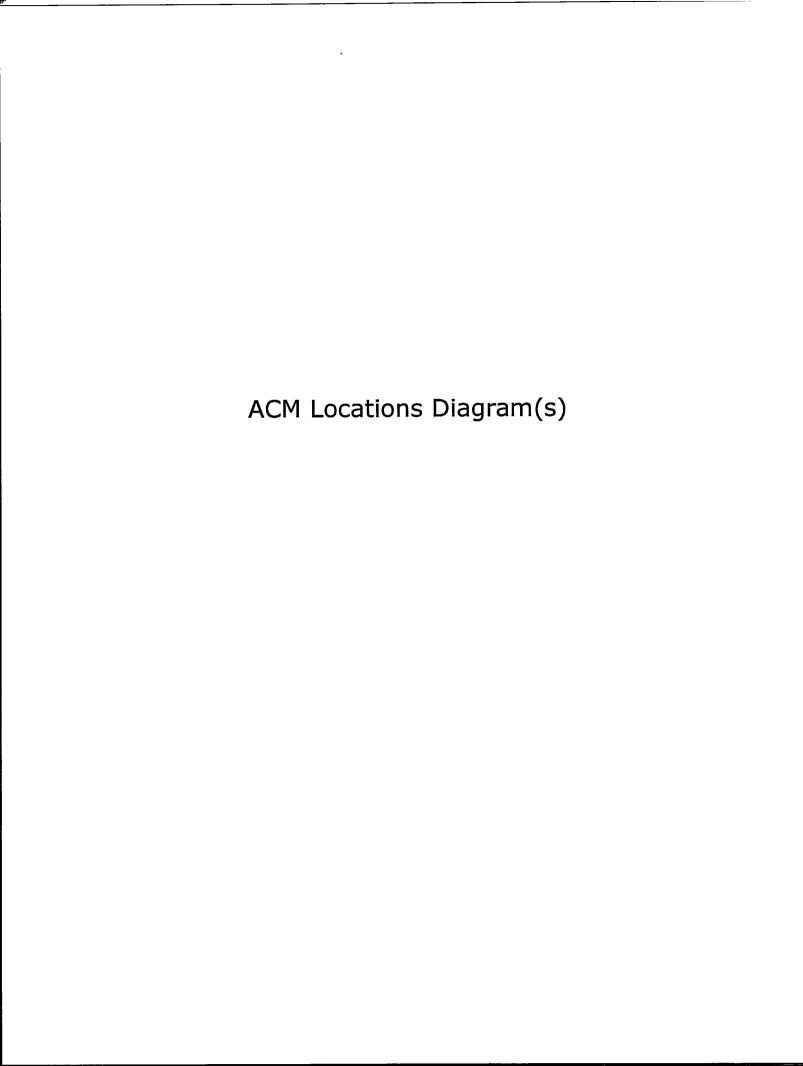
NF: Non Friable

Trace: <1% asbestos

Tr-Comp: Trace by composite analysis





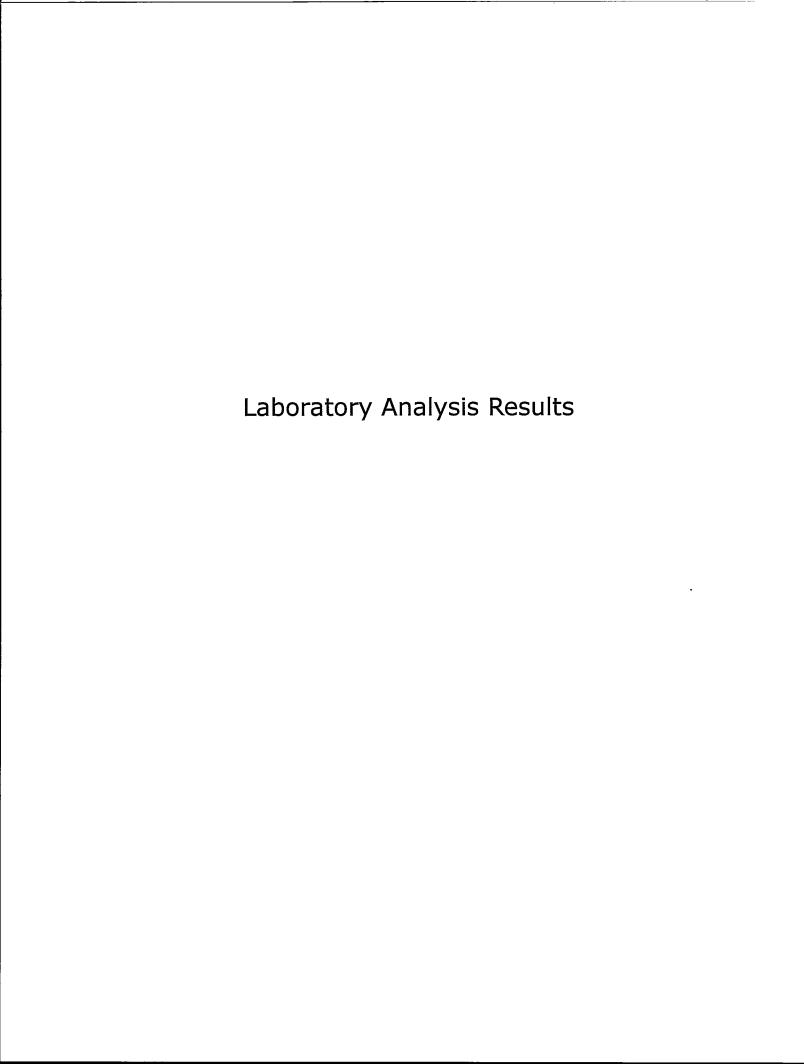


ACM Location	s Diagram	
Site Location: 649 Z	5 Road,	<u> </u>
Grand Junction,	Co	_
ACM Siding Ground	Nor	th
Shingles and Black Tar Emprea. Felts entire extrior Of of the first	Syptolo and Ce	CM: Plaster Sum Board Il Celotex Il and Iling Panels walls/ceilings
10 07 1 cm (01/2 -11)	////= U	pper

* This diagram is not to scale and is intended solely for the general representation of Asbestos Containing Materials (ACMs).

00 Acm Viny/ Floor Tile/mastic

A ACM Window Glazing (NE and E windows)



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NVLAP #200772-0 TDSHS #300370 CDPHE #AL-18111 LELAP #03069

Materials Characterization - Bulk Asbestos Analysis

Laboratory Analysis Report - Polarized Light

Phase Con Environmental Consultants, LLC

2166 Peregrine Court Grand Junction, CO 81507 Attn: Doug Close

Customer Project: 649 25 Rd.

Reference #: CBR24010195

Date:

1/15/2024

Analysis and Method

Summary of polarizing light microscopy (PLM / Stereomicroscopy bulk asbestos analysis) using the methods described in 40CFR Part 763 Appendix E to Subpart E (Interim and EPA 600 / R-93 / 116 (Improved). The sample is first viewed with the aid of stereomicroscopy. Numerous liquid slide preparations are created for analysis under the polarized microscope where identifications and quantifications are preformed. Calibrated liquid refractive oils are used as liquid mouting medium. These oils are used for identification (dispersion staining). A calibrated visual estimation is reported, should any asbestiform mineral be present. Other techniques such as acid washing are used in conjugation with refractive oils for detection of smaller quantities of asbestos. All asbestos percentages are based on calibrated visual estimation traceable to NIST standards for regulated of asbestos. Traceability to measurement and calibration is achieved by using known amounts and types of asbestos from standards where analyst and laboratory accuracy are measured. As little as 0.001% asbestos can be detected in favorable samples, while detection in unfavorable samples may approach the detection limit of 0.50% (well above the laboratory definition of trace).

Discussion

Vermiculite containing samples may have trace amounts of actinolite-tremolite, where not found be PLM should be analyzed using TEM methods and / or water separation techniques. Suspected actinolite/vermiculite presence will be indicated through the sample comment section of this report.

Fibrous talc containing samples may even contain a related asbestos fiber known as anthophyllite. Under certain conditions the same fiber may actually contain both talc and anthophyllite (a phenomenon called intergrowth). Again, TEM detection methods are recommended. CA Labs PLM report comments will denote suspected amounts of asbestiform anthophyllite with talc, where further analysis is recommended.

Some samples (floor tiles, surfacings, etc.) may contain fibers too small to be detectable by PLM analysis and should be analyzed by TEM bulk protocols.

A "trace asbestos" will be reported if the analyst observes far less than 1% asbestos. CA Labs defines "trace asbestos" as a few fibers detected by the analyst in several preparations and will indicate as such under these circumstances.

Quantification of <1% will actually be reported as <=1% (allowable variance close to 1% is high). Such results are ideal for point counting, and the technique is mandatory for friable samples (NESHAP, Nov. 1990 and clarification letter 8 May 1991) under 1% percent asbestos and the "trace asbestos". In order to make all initial PLM reports issued from CA Labs NESHAP compliant, all <1% asbestos results (except floor tiles) will be point counted at no additional charge.

Qualifications

CA Labs is accredited by the National Voluntary Accreditation Program (NVLAP) for selected test methods for airborne fiber analysis (TEM), and for bulk asbestos fiber analysis (PLM). All analysts have a college degree in a natural science (geology, biology, or environmental science) or are recognized by a state professional board in one these disciplines .Extensive in-house training programs are used to augment education background of the analyst. The group leader of polarized light has received supplemental McCrone Research training for asbestos identification. This report is not covered by the scope of AlHA accreditation. Analysis performed at CA Labs, LLC 12232 Industriplex, Suite 32 Baton Rouge, LA 70809.

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12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634



NVLAP #200772-0 TDSHS #300370 CDPHE #AL-18111 LELAP #03069

Overview of Project Sample Material Containing Asbestos

Customer Project:	:	649 25 Rd.		CA Labs Project #:	CBR24010195
Sample #	Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent		ected Building rial Types
1	1-1	Gray Transite	20% Chrysotile	_	aced Gray Sealant
2	2-1	Gray Transite	20% Chrysotile	White Su White Su	rfaced Gray Sealant rfaced Gray Plaster rfaced Brown Ceiling Tile
5	<i>5</i> -1	Tan Surfaced Gray Sealant	2% Chrysotile	Tan Surf	rfaced White Compound aced Gray Plaster aced White Compound
6	6-1	White Surfaced Gray Sealant	2% Chrysotile	_	
9	9-1	White Surfaced Gray Plaster	2% Chrysotile	_	
10	10-1	White Surfaced Brown Ceiling Tile	2% Chrysotile	_	
11	11-1	White Surfaced Brown Ceiling Tile	2% Chrysotile	_	
15	15-1	White Surfaced White Compound	2% Chrysotile	_	

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

ca - carbonate pe - perlite fg - fiberglass mw - mineral wool gypsum - gypsum qu - quartz wo - wollastinite bi - binder ta - taic or - organic sy - synthetic ma - matrix ce - cellulose mi - mica br - brucite ve - vermiculite ot - other ka - kaolin (clay)

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pa - palygorskite (clay)

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NVLAP #200772-0 TDSHS #300370 **CDPHE #AL-18111** LELAP #03069

Overview of Project Sample Material Containing Asbestos

Customer Project	:	649 25 Rd.		CA Labs Project #:	CBR24010195
Sample #	Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent		ected Building rial Types

16 16	<i>6-2</i>	Gray Plaster	2% Chrysotile
17 12	7-1	Gray Plaster	2% Chrysotile
18 18	8-1	Tan Surfaced Gray Plaster	2% Chrysotile
19 19	9-1	Tan Surfaced White Compound	2% Chrysotile
20 20	0-1	Tan Surfaced Gray Plaster	2% Chrysotile
21 2	1-1	Black Felt and Tar	2% Chrysotile
22 2	2-1	Black Felt and Tar	2% Chrysotile
23 2	3-1	White Textured Surfacing	2% Chrysotile

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

ca - carbonate gypsum - gypsum bi - binder

pe - perlite qu - quartz fg - fiberglass mw - mineral wool pa - palygorskite (clay)

or - organic ma - matrix mi - mica ve - vermiculite ot - other

wo - wollastinite ta - talc sy - synthetic ce - cellulose br - brucite ka - kaolin (clay)

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NVLAP #200772-0 TDSHS #300370 **CDPHE #AL-18111** LELAP #03069

Overview of Project Sample Material Containing Asbestos

Customer Project	t:	649 25 Rd.		CA Labs Project #:	CBR24010195
Sample #	Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent		ected Building rial Types

26	26-1	Gray Ceiling Tile	2% Chrysotile
27	27-1	Tan Surfaced Gray Plaster	2% Chrysotile
28	28-1	Tan Surfaced White Compound	3% Chrysotile
	28-2	Gray Plaster	2% Chrysotile
29	29-1	Tan Surfaced Gray Plaster	2% Chrysotile
30	30-1	Tan Surfaced White Compound	2% Chrysotile
31	31-1	Tan Surfaced White Compound	2% Chrysotile
32	32-1	Tan Surfaced White Compound	2% Chrysotile

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

ca - carbonate gypsum - gypsum

pe - perlite qu - quartz fg - fiberglass

pa - palygorskite (clay)

bi - binder or - organic ma - matrix mi - mica ve - vermiculite ot - other

mw - mineral wool wo - wollastinite ta - talc sy - synthetic ce - cellulose ka - kaolin (clay)

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NVLAP #200772-0 TDSHS #300370 CDPHE #AL-18111 LELAP #03069

Overview of Project Sample Material Containing Asbestos

Customer Project:	:	649 25 Rd.		CA Labs Project #:	CBR24010195
Sample #		Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent		ected Building ial Types
33	33-1	Tan Surfaced White Compound	3% Chrysotile	_	
	33-2	White Compound Beneath Tape	3% Chrysotile	_	
34	34-1	Tan Surfaced White Compound	3% Chrysotile	_	
	34-2	White Compound Beneath Tape	3% Chrysotile	_	
37	37-1	Green Floor Tile	3% Chrysotile	_	
	37-2	Black Mastic	6% Chrysotile	_	
38	38-1	Green Floor Tile	3% Chrysotile	_	
	38-2	Black Mastic	6% Chrysotile		

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

ca - carbonate gypsum - gypsum bi - binder or - organic ma - matrix mi - mica ve - vermiculite ot - other pe - perlite qu - quartz fg - fiberglass mw - mineral wool wo - wollastinite ta - talc sy - synthetic ce - cellulose

br - brucite

ka - kaolin (clay)

pa - palygorskite (clay)

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NVLAP #200772-0 TDSHS #300370 CDPHE #AL-18111 LELAP #03069

Overview of Project Sample Material Containing Asbestos

Customer Project	:	649 25 Rd.		CA Labs Project #: CBR24010195
Sample #	Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent	List of Affected Building Material Types
	39-2	Black Floor Tile	4% Chrysotile	-
	39-3	Brown Mastic	2% Chrysotile	_
40	40-2	Gray Floor Tile	3% Chrysotile	_
	40-3	Black Mastic	2% Chrysotile	_
49	49-1	Brown Floor Tile	3% Chrysotile	_
	49-2	Black Mastic	2% Chrysotile	_
50	50-1	Brown Floor Tile	3% Chrysotile	_

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

ca - carbonate
gypsum - gypsum
bi - binder
or - organic
ma - matrix
mi - mica
ve - vermiculite
ot - other

pe - perlite qu - quartz

50-2 Black Mastic

fg - fiberglass mw - mineral wool wo - wollastinite ta - talc sy - synthetic

ce - cellulose

ka - kaolin (clay)

br - brucite

2% Chrysotile

pa - palygorskite (clay)

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NVLAP #200772-0 TDSHS #300370 CDPHE #AL-18111 LELAP #03069

Overview of Project Sample Material Containing Asbestos

Customer Pro	iect:	649 25 Rd.		CA Labs Project #: CBR24010195
Sample #		Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent	List of Affected Building Material Types
53	53-1	Tan Floor Tile	3% Chrysotile	_
	53-2	Black Mastic	2% Chrysotile	_
54	54-1	Tan Floor Tile	3% Chrysotile	_
	54-2	Black Mastic	2% Chrysotile	_

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

ca - carbonate gypsum - gypsum bi - binder or - organic ma - matrix mi - mica ve - vermiculite ot - other pe - perlite qu - quartz

ite fg - fiberglass
rtz mw - mineral wool
wo - wollastinite
ta - talc
sy - synthetic
ce - cellulose

pa - palygorskite (clay)

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br - brucite

ka - kaolin (clay)

Dedicated to Quality

Phone #

Sample #

Fax#

CA Labs, L.L.C.

12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634



NVLAP #200772-0 TDSHS #300370 **CDPHE #AL-18111** LELAP #03069

Polarized Light Asbestiform Materials Characterization

Customer Info: Phase Con Environmental Consultants, LLC 2166 Peregrine Court

970-241-6480

ment

Attn: Doug Close

Grand Junction, CO 81507

Customer Project: 649 25 Rd.

CA Labs Project #: CBR24010195

Turnaround Time: 3 day

(Y/N)

Date:

1/15/2024 1/11/2024

Samples Received: **Date Of Sampling:** Purchase Order #:

970-241-6584 Analysts Physical Description of Com Layer

Subsample

Homogeneo us

Asbestos type / calibrated visual estimate percent

Non-asbestos fiber type / percent

Non-fibrous type / percent

					·	
1	1-1	Gray Transite	Y	20% Chrysotile		80% qu, ma, ca
						· ** - **
2	2-1	Gray Transite	Υ	20% Chrysotile		80% qu, ma, ca
3	3-1	Black Shingle with Black Gravel	Y	None Detected	70% fg	30% qu, ma, bi
4	4-1	Black Shingle with White Gravel	Y	None Detected	70% fg	30% qu, ma, bi
~`						
5	5-1	Tan Surfaced Gray Sealant	N	2% Chrysotile		98% qu, ma, bi, ca
						98% qu, ma, bi,
6	6-1	White Surfaced Gray Sealant	N	2% Chrysotile		ca
						100% qu, ma, bi,

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116) Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate gypsum - gypsum bi - binder

or - organic

ma - matrix

mi - mica ve - vermiculite ot -other

qu - quartz

Blue Surfaced Tan Plaster

fg - fiberglass mw - mineral woo wo - wollastinite pe - perlite ta - talc

sy - synthetic

ce - cellulose br - brucite ka - kaolin (clay) pa - palygorskite (clay)

Approved Signatories:

ca

David Darby

Analyst

Senior Analyst Alicia Stretz

Laboratory Director Chris Williams

Aris III

1. Fire Damage significant fiber damage - reported percentages reflect upaltered fibers

2. Fire Damage no significant fiber damages effecting fibrous percentages

3. Actinolite in association with Vermiculite

4. Layer not analyzed - attached to previous positive layer and contamination is suspected

5. Not enough sample to analyze

6. Anthophyllite in association with Fibrous Talc

7. Contamination suspected from other building materials

Favorable scenario for water separation on vermiculite for possible analysis by another method
 Result point counted positive

10. TEM analysis suggested

None Detected

Dedicated to Quality

Phone #

Fax#

CA Labs, L.L.C.

12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634



NVLAP #200772-0 TDSHS #300370 **CDPHE #AL-18111** LELAP #03069

Polarized Light Asbestiform Materials Characterization

Customer Info: Attn: Doug Close Phase Con Environmental Consultants, LLC

970-241-6480

970-241-6584

Customer Project: 649 25 Rd.

CA Labs Project #:

2166 Peregrine Court Grand Junction, CO 81507

CBR24010195

Turnaround Time: 3 day

Date: Samples Received: 1/15/2024 1/11/2024

Date Of Sampling:

Purchase Order #:

Asbestos type /

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)		Non-asbestos fiber type / percent	Non-fibrous type / percent
8		8-1	Blue Surfaced Tan Plaster	N	None Detected		100% qu, ma, bi, ca
9		9-1	White Surfaced Gray Plaster	N	2% Chrysotile		98% qu, ma, bi, ca
10		10-1	White Surfaced Brown Ceiling Tile	N	2% Chrysotile	80% ce	18% qu, ma, bi, ca
<u>11</u>		11-1	White Surfaced Brown Ceiling Tile	N	2% Chrysotile	80% ce	18% qu, ma, bi, ca
12		12-1	White Surfaced Tan Ceiling Tile	N	None Detected	80% ce	20% qu, ma, bi
13		13-1	White Surfacing	Y	None Detected		100% qu, bi, ca
		13-2	Gray Ceiling Tile	Y	None Detected	15% fg 50% ce	35% qu, ma, pe

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)

Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for

Identification of asbestos types by dispersion attaining / becke line method. fg - fiberglass ce - cellulose mi - mica

ca - carbonate gypsum - gypsum bi - binder or - organic

ma - matrix

ve - vermiculite ot -other pe - perlite

qu - quartz

mw - mineral wool wo - wollastinite ta - talc

sy - synthetic

br - brucite ka - kaolin (clav) pa - palygorskite (clay)

Approved Signatories:

David Darby Analyst

Senior Analyst Alicia Stretz

Laboratory Director Chris Williams

aris Ill.

^{1.} Fire Damage significant fiber damage - reported percentages reflect unaltered fibers

^{2.} Fire Damage no significant fiber damages effecting fibrous percentages

Actinolite in association with Vermiculite
 Layer not analyzed - attached to previous positive layer and contamination is suspected

^{5.} Not enough sample to analyze

^{6.} Anthophyllite in association with Fibrous Talc

^{7.} Contamination suspected from other building materials

^{8.} Favorable scenario for water separation on vermiculite for possible analysis by another method

^{9. &}lt; 1% Result point counted positive 10. TEM analysis suggested

Dedicated to Quality

CA Labs, L.L.C.

12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634



NVLAP #200772-0 TDSHS #300370 **CDPHE #AL-18111** LELAP #03069

Polarized Light Asbestiform Materials Characterization

Attn: Doug Close **Customer Info:** Phase Con Environmental Consultants, LLC **Customer Project:** 649 25 Rd.

CA Labs Project #:

CBR24010195

1/15/2024

2166 Peregrine Court Grand Junction, CO 81507

Turnaround Time: 3 day

Samples Received: Date Of Sampling: Purchase Order #:

Date:

1/11/2024

Phone # Fax#

Sample #

970-241-6480 970-241-6584

ment

Layer

#

Homogeneo

Asbestos type / calibrated visual estimate percent

Non-asbestos fiber type / percent

10% ce

10% ce

Non-fibrous type / percent

us (Y/N)

Ν

Ν

Ν

Ν

White Surfaced White 14 Compound 14-1

None Detected Ν

100% qu, mi, bi,

White Drywall with Paper 14-2

Subsample

Analysts Physical Description of

98% qu, mi, bi,

ca

90% qu, gy

15-1 Compound

White Surfaced White

White Drywall with Paper

2% Chrysotile

None Detected

None Detected

90% qu, gy

16

15

16-1 White Surfacing None Detected

100% qu, bi, ca

16-2 Gray Plaster 2% Chrysotile

98% qu, ma, ca

17

17-1 Gray Plaster 2% Chrysotile

98% qu, ma, ca

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116) Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for

ca - carbonate gypsum - gypsum mi - mica ve - vermiculite

Identification of asbestos types by dispersion attaining / becke line method. fg - fiberglass mw - mineral wool

ce - cellulose br - brucite

bi - binder or - organic ma - matrix ot -other pe - perlite gu - guartz wo - wollastinite ta - talc sv - synthetic

ka - kaolin (clay) pa - palygorskite (clay)

Approved Signatories:

David Darby Analyst

Senior Analyst Alicia Stretz

Laboratory Director Chris Williams

Fire Damage significant fiber damage - reported percentages reflect unaltered fibers
 Fire Damage no significant fiber damages effecting fibrous percentages

^{3.} Actinolite in association with Vermiculite

^{4.} Layer not analyzed - attached to previous positive layer and contamination is suspected

^{5.} Not enough sample to analyze

^{6.} Anthophyllite in association with Fibrous Talc

^{7.} Contamination suspected from other building materials
8. Favorable scenario for water separation on vermiculite for possible analysis by another method
9. < 1% Result point counted positive

^{10.} TEM analysis suggested

Dedicated to Quality

CA Labs, L.L.C.

12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634



NVLAP #200772-0 TDSHS #300370 **CDPHE #AL-18111** LELAP #03069

Polarized Light Asbestiform Materials Characterization

Customer Info: Attn: Doug Close **Customer Project:** CA Labs Project #: Phase Con Environmental Consultants, LLC 649 25 Rd. CBR24010195 2166 Peregrine Court Grand Junction, CO 81507 Date: 1/15/2024 Turnaround Time: 3 day 1/11/2024 Samples Received: Phone # 970-241-6480 Date Of Sampling: Fax # 970-241-6584 Purchase Order #: Analysts Physical Description of Non-asbestos fiber Sample # Com Layer Homo-Asbestos type / Non-fibrous type Subsample calibrated visual type / percent ment / percent geneo us estimate percent (Y/N) 98% qu, ma, bi, 18 Tan Surfaced Gray Plaster 2% Chrysotile ca 98% qu, mi, bi, 19 Tan Surfaced White Compound Ν 2% Chrysotile 19-1 19-2 Gray Plaster None Detected 100% qu, ma, ca 98% qu, ma, ve, 20 Tan Surfaced Gray Plaster Ν 2% Chrysotile 20-1 bi, ca 21 Black Felt and Tar 2% Chrysotile 80% ce 18% qu, ma, bi 22 22-1 Black Felt and Tar Ν 80% ce 2% Chrysotile 18% qu, ma, bi 98% au. mi. bi.

> Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116) Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate gypsum - gypsum bi - binder or - organic

White Textured Surfacing

mi - mica ve - vermiculite ot -other pe - perlite

qu - quartz

fa - fiberalass mw - mineral wool wo - wollastinite ta - talc

sy - synthetic

ce - cellulose br - brucite ka - kaolin (clav) pa - palygorskite (clay)

Approved Signatories:

David Darby Analyst

Senior Analyst Alicia Stretz

Laboratory Director Chris Williams

Aris III

23

2% Chrysotile

^{1.} Fire Damage significant liber damage - reported percentages reflect unaltered fibers

^{2.} Fire Damage no significant fiber damages effecting fibrous percentages

^{3.} Actinolite in association with Vermiculite

^{4.} Layer not analyzed - attached to previous positive layer and contamination is suspected

^{5.} Not enough sample to analyze

^{6.} Anthophyllite in association with Fibrous Talc

^{7.} Contamination suspected from other building materials

^{8.} Favorable scenario for water separation on vermiculite for possible analysis by another method

^{9. &}lt; 1% Result point counted positive

Dedicated to Quality

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Analysts Physical Description of

Subsample



NVLAP #200772-0 TDSHS #300370 **CDPHE #AL-18111** LELAP #03069

Polarized Light Asbestiform Materials Characterization

Customer Info: Attn: Doug Close Phase Con Environmental Consultants, LLC 2166 Peregrine Court

Customer Project:

CA Labs Project #:

649 25 Rd.

CBR24010195

Sample #

Grand Junction, CO 81507

Date: Samples Received:

estimate percent

1/15/2024

Turnaround Time: 3 day

Date Of Sampling:

1/11/2024

Phone # 970-241-6480 Fax#

ment

970-241-6584 Layer Com

Homogeneo

Asbestos type / Non-asbestos fiber calibrated visual type / percent

Purchase Order #: Non-fibrous type / percent

us (Y/N)

	23-2	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
24	24-1	White Surfaced Tan Floorboard	N	None Detected	80% ce	20% qu, ma
25	25-1	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
26	26-1	Gray Ceiling Tile	Y	2% Chrysotile	15% fg 50% ce	35% qu, ma, pe
						· · · · · ·
	26-2	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
27	27-1	Tan Surfaced Gray Plaster	N	2% Chrysotile		98% qu, ma, bi, ca
						070/
28	28-1	Tan Surfaced White Compound	N	3% Chrysotile		97% qu, mi, bi, ca

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)

Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate

mi - mica

fg - fiberglass

ce - cellulose

gypsum - gypsum bi - binder or - organic ma - matrix

ve - vermiculite ot -other pe - perlite

qu - quartz

mw - mineral wool wo - wollastinite ta - talc

sy - synthetic

br - brucite ka - kaolin (clay) pa - palygorskite (clay)

Approved Signatories:

David Darby

Senior Analyst Alicia Stretz

Laboratory Director Chris Williams

Aris III

Analyst 1. Fire Damage significant fiber damage - reported percentages reflect unaltered fibers

Fire Damage no significant fiber damages effecting fibrous percentages
 Actinolite in association with Vermiculite

4. Laver not analyzed - attached to previous positive layer and contamination is suspected

5. Not enough sample to analyze

6. Anthophyllite in association with Fibrous Talc

7. Contamination suspected from other building materials

8. Favorable scenario for water separation on vermiculite for possible analysis by another method

9. < 1% Result point counted positive

Dedicated to Quality

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NVLAP #200772-0 TDSHS #300370 **CDPHE #AL-18111** LELAP #03069

Polarized Light Asbestiform Materials Characterization

Customer Info:

Attn: Doug Close

Customer Project:

CA Labs Project #:

Phase Con Environmental Consultants, LLC 2166 Peregrine Court

Grand Junction, CO 81507

649 25 Rd.

CBR24010195

1/15/2024

970-241-6480

Turnaround Time: 3 day

Date: Samples Received: Date Of Sampling:

1/11/2024

Phone # Fax# Sample #

970-241-6584

Asbestos type / calibrated visual Purchase Order #: Non-asbestos fiber type / percent

Non-fibrous type / percent

Layer ment

Analysts Physical Description of Subsample

Homogeneo us (Y/N)

estimate percent

		Occupation of the state of the	V	OO/ Ohminatila		000/ 500 500 00
	28-2	Gray Plaster	Y	2% Chrysotile		98% qu, ma, ca
29	<i>2</i> 9-1	Tan Surfaced Gray Plaster	N	2% Chrysotile		98% qu, ma, bi, ca
30	30-1	Tan Surfaced White Compound	N	2% Chrysotile		98% qu, mi, bi, ca
	30-2	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
31	31-1	Tan Surfaced White Compound	N	2% Chrysotile		98% qu, mi, bi, ca
	31-2	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
32	32-1	Tan Surfaced White Compound	N	2% Chrysotile		98% qu, mi, bi, ca

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116) Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for Identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate

mi - mica

fg - fiberglass

sy - synthetic

ta - talc

ce - cellulose

gypsum - gypsum bi - binder or - organic

ma - matrix

ve - vermiculite ot -other pe - perlite

qu - quartz

mw - mineral wool wo - wollastinite

br - brucite ka - kaolin (clay) pa - palygorskite (clay)

Approved Signatories:

David Darby Analyst

Senior Analyst Alicia Stretz

Laboratory Director Chris Williams

^{1.} Fire Damage significant fiber damage - reported percentages reflect unaltered fibers

^{2.} Fire Damage no significant fiber damages effecting fibrous percentages 3. Actinolite in association with Vermiculite

Layer not analyzed - attached to previous positive layer and contamination is suspected

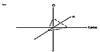
^{6.} Anthophyllite in association with Fibrous Talc

^{7.} Contamination suspected from other building materials Favorable scenario for water separation on vermiculite for possible analysis by another method
 < 1% Result point counted positive

Dedicated to Quality

CA Labs, L.L.C.

12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634



NVLAP #200772-0 TDSHS #300370 **CDPHE #AL-18111** LELAP #03069

Polarized Light Asbestiform Materials Characterization

Customer Info:

Sample #

Attn: Doug Close

Subsample

Customer Project:

CA Labs Project #:

Phase Con Environmental Consultants, LLC

2166 Peregrine Court Grand Junction, CO 81507 649 25 Rd.

CBR24010195

Date:

1/15/2024

Turnaround Time: 3 day

Samples Received: **Date Of Sampling:** Purchase Order #:

1/11/2024

Phone # 970-241-6480 Fax#

ment

970-241-6584 Com Layer

Analysts Physical Description of Homogeneo

Asbestos type / calibrated visual estimate percent Non-asbestos fiber type / percent

Non-fibrous type

/ percent

us (Y/N)

	32-2	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
33	33-1	Tan Surfaced White Compound	N	3% Chrysotile		97% qu, mi, bi, ca
	33-2	White Compound Beneath Tape	Υ	3% Chrysotile		97% qu, mi, ca
	<i>33-3</i>	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
34	34-1	Tan Surfaced White Compound	N	3% Chrysotile		97% qu, mi, bi, ca
	<i>34-2</i>	White Compound Beneath Tape	Y	3% Chrysotile		97% qu, mi, ca

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)

Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate

34-3 White Drywall with Paper

mi - mica gypsum - gypsum ve - vermiculite fg - fiberglass

ce - cellulose

bi - binder or - organic ot -other pe - perlite qu - quartz mw - mineral wool wo - wollastinite ta - talc sy - synthetic

br - brucite ka - kaolin (clay) pa - palygorskite (clay)

Approved Signatories:

90% qu, gy

David Darby Analyst

Senior Analyst Alicia Stretz

Laboratory Director Chris Williams

Fire Damage significant fiber damage - reported percentages reflect unaltered fiber

2. Fire Damage no significant fiber damages effecting fibrous percentages 3. Actinolite in association with Vermiculite

 Layer not analyzed - attached to previous positive layer and contamination is suspected 5. Not enough sample to analyze

6. Anthophyllite in association with Fibrous Talc

7. Contamination suspected from other building materials

8. Favorable scenario for water separation on vermiculite for possible analysis by another method 9. < 1% Result point counted positive

10% ce

10. TEM analysis suggested

None Detected

Dedicated to Quality

CA Labs, L.L.C.

12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634



NVLAP #200772-0 TDSHS #300370 **CDPHE #AL-18111** LELAP #03069

Polarized Light Asbestiform Materials Characterization

Customer Info:

Attn: Doug Close

Customer Project:

CA Labs Project #:

Phase Con Environmental Consultants, LLC

2166 Peregrine Court Grand Junction, CO 81507

ment

649 25 Rd.

CBR24010195

Date:

1/15/2024

Turnaround Time: 3 day

Samples Received: Date Of Sampling:

1/11/2024

Phone #

970-241-6480

Purchase Order #:

Fax# Sample # Com

970-241-6584 Layer

#

35-1

Analysts Physical Description of Subsample

Asbestos type / calibrated visual estimate percent

Non-asbestos fiber type / percent

Non-fibrous type / percent

geneo us (Y/N)

Homo-

None Detected

20% ce

80% qu, ma

Tan Mastic

None Detected

None Detected

20% ce

80% qu, ma

100% qu, bi

Tan Mastic

36-1

None Detected

100% qu, bi

37

35

36

Green Floor Tile

Tan Linoleum

Tan Linoleum

3% Chrvsotile

6% Chrysotile

97% qu, ma, ca

94% qu, bi

38

Green Floor Tile

37-2 Black Mastic

3% Chrysotile

97% qu, ma, ca

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)

Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate gypsum - gypsum

mi - mica ve - vermiculite

fg - fiberglass mw - mineral wool

ce - cellulose br - brucite ka - kaolin (clay)

bi - binder or - organic ma - matrix ot -other pe - perlite qu - quartz wo - wollastinite ta - talc sy - synthetic

pa - palygorskite (clay)

Approved Signatories:

David Darby

Senior Analyst Alicia Stretz

Laboratory Director Chris Williams

Orio Will

Analyst 1. Fire Damage significant fiber damage - reported percentages reflect unaltered fibers

2. Fire Damage no significant fiber damages effecting fibrous percentages 3. Actinolite in association with Vermiculite

4. Layer not analyzed - attached to previous positive layer and contamination is suspected

5. Not enough sample to analyze

6. Anthophyllite in association with Fibrous Talc

7. Contamination suspected from other building materials

8. Favorable scenario for water separation on vermiculite for possible analysis by another method

9. < 1% Result point counted positive

CA Labs Dedicated to

Quality

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12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634



NVLAP #200772-0 TDSHS #300370 **CDPHE #AL-18111** LELAP #03069

Polarized Light Asbestiform Materials Characterization

Customer Info:

Attn: Doug Close

Phase Con Environmental Consultants, LLC

Customer Project:

CA Labs Project #:

2166 Peregrine Court

Grand Junction, CO 81507

649 25 Rd.

CBR24010195

Date:

1/15/2024

Turnaround Time: 3 day

Samples Received: Date Of Sampling:

1/11/2024

Phone # Fax #

970-241-6480

970-241-6584

Analysts Physical Description of

Homoestimate percent

Purchase Order #: Asbestos type / calibrated visual type / percent

Non-asbestos fiber

Non-fibrous type / percent

Sample #

Com Laver ment

Subsample

geneo us (Y/N)

39

Tan Mastic

38-2 Black Mastic

6% Chrysotile

None Detected

100% qu, bi

94% qu, bi

Black Floor Tile

Brown Mastic

4% Chrysotile

96% qu, ma, ca

40

Tan Mastic 40-1

None Detected

2% Chrysotile

100% qu, bi

98% qu, bi

Gray Floor Tile

3% Chrysotile

97% qu, ma, ca

39-2

40-3 Black Mastic

2% Chrysotile

98% qu, bi

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)

Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate

mi - mica

fg - fiberglass

ce - cellulose

gypsum - gypsum

ve - vermiculite ot -other

mw - mineral wool wo - wollastinite

br - brucite ka - kaolin (clay)

bi - binder or - organic ma - matrix

pe - perlite au - auartz ta - talc sy - synthetic pa - palygorskite (clay)

Approved Signatories:

David Darby

Senior Analyst Alicia Stretz

Laboratory Director Chris Williams

Onis Ill

Analyst

Fire Damage significant fiber damage - reported percentages reflect unaltered fibers
 Fire Damage no significant fiber damages effecting fibrous percentages

3. Actinolite in association with Vermiculite

4. Layer not analyzed - attached to previous positive layer and contamination is suspected

5. Not enough sample to analyze

6. Anthophyllite in association with Fibrous Talc

7. Contamination suspected from other building materials 8. Favorable scenario for water separation on vermiculite for possible analysis by another method

9. < 1% Result point counted positive

Dedicated to Quality

CA Labs, L.L.C.

12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634



NVLAP #200772-0 TDSHS #300370 CDPHE #AL-18111 LELAP #03069

Polarized Light Asbestiform Materials Characterization

Customer Project: CA Labs Project #: Attn: Doug Close **Customer Info:** CBR24010195 649 25 Rd. Phase Con Environmental Consultants, LLC 2166 Peregrine Court 1/15/2024 Grand Junction, CO 81507 Date: 1/11/2024 Turnaround Time: 3 day Samples Received: Date Of Sampling: Phone # 970-241-6480 970-241-6584 Purchase Order #: Fax# Asbestos type / Non-asbestos fiber Non-fibrous type Analysts Physical Description of Homo-Sample # Layer geneo calibrated visual type / percent / percent Subsample ment us estimate percent (Y/N) 100% qu, bi 41-1 Tan Mastic None Detected 41 None Detected 30% ce 70% qu, ma Red Linoleum 42 Tan Mastic None Detected 100% qu, bi None Detected 30% ce 70% qu, ma Red Linoleum 42-2 43 None Detected 100% qu, ot 43-1 Gray Foam Green Linoleum Y None Detected 20% ce 80% qu, ma 43-2

> Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116) Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate gypsum - gypsum bi - binder or - organic

ma - matrix

44-1 Gray Foam

mi - mica ve - vermiculite ot -other pe - perlite

qu - quartz

fa - fiberalass mw - mineral wool wo - wollastinite ta - talc

sy - synthetic

ce - cellulose br - brucite ka - kaolin (clay) pa - palygorskite (clay)

Approved Signatories:

100% qu, ot

David Darby Analyst

1. Fire Damage significant fiber damage - reported percentages reflect unal

Fire Damage no significant fiber damages effecting fibrous percentages
 Actinolite in association with Vermiculite

4. Layer not analyzed - attached to previous positive layer and contamination is suspected

5. Not enough sample to analyze

44

Senior Analyst Alicia Stretz

Laboratory Director Chris Williams

Aris III

6. Anthophyllite in association with Fibrous Talc

7. Contamination suspected from other building materials
8. Favorable scenario for water separation on vermiculite for possible analysis by another method
9. < 1% Result point counled positive

10. TEM analysis suggested

None Detected

Dedicated to Quality

CA Labs. L.L.C.

12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634



NVLAP #200772-0 TDSHS #300370 **CDPHE #AL-18111** LELAP #03069

Polarized Light Asbestiform Materials Characterization

649 25 Rd.

Customer Info:

Attn: Doug Close

Customer Project:

CA Labs Project #: CBR24010195

Phase Con Environmental Consultants, LLC

2166 Peregrine Court

Grand Junction, CO 81507

Com

ment

Date:

1/15/2024

Turnaround Time: 3 day

Samples Received: Date Of Sampling: Purchase Order #:

1/11/2024

Phone # Fax# Sample # 970-241-6480

970-241-6584

Layer

#

Homogeneo

Asbestos type / calibrated visual

estimate percent

Non-asbestos fiber type / percent

Non-fibrous type / percent

us (Y/N)

45

45-1 White Floor Tile

Subsample

Analysts Physical Description of

None Detected

100% qu, ca

Tan Mastic 45-2

46-1

None Detected

100% qu, bi

100% qu, ca

47

46

Tan Linoleum 47-1

White Floor Tile

None Detected

None Detected

None Detected

None Detected

20% ce

80% qu, ma

Tan Mastic

100% qu, bi

48

Tan Linoleum 48-1

20% ce

80% qu, ma

48-2 Tan Mastic None Detected

100% qu, bi

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116) Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate

mi - mica

fg - fiberglass

Y

ce - cellulose

gypsum - gypsum bi - binder or - organic ma - matrix

ve - vermiculite ot -other pe - perlite au - auartz

mw - mineral wool wo - wollastinite ta - talc

sy - synthetic

br - brucite ka - kaolin (clay)

pa - palygorskite (clay)

Approved Signatories:

David Darby

Senior Analyst Alicia Stretz

Laboratory Director Chris Williams

Analyst 1. Fire Damage significant fiber damage - reported percentages reflect unalt

 Fire Damage no significant fiber damages effecting fibrous percentages 3 Actinolite in association with Vermiculite

4. Layer not analyzed - attached to previous positive layer and contamination is suspected

5. Not enough sample to analyze

Anthophyllite in association with Fibrous Talc

7. Contamination suspected from other building materials

Dedicated to Quality

CA Labs, L.L.C.

12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634



NVLAP #200772-0 TDSHS #300370 **CDPHE #AL-18111** LELAP #03069

Polarized Light Asbestiform Materials Characterization

649 25 Rd.

Customer Info:

Attn: Doug Close

Customer Project:

CA Labs Project #:

Phase Con Environmental Consultants, LLC

CBR24010195

2166 Peregrine Court

Grand Junction, CO 81507

1/15/2024 Date:

Turnaround Time: 3 day Samples Received:

Date Of Sampling: Purchase Order #: 1/11/2024

Phone # 970-241-6480 Fax#

970-241-6584

Homo-Asbestos type /

Non-asbestos fiber type / percent

Non-fibrous type / percent

Sample # Com Layer ment

Analysts Physical Description of Subsample

calibrated visual geneo us estimate percent (Y/N)

49 49-1 Brown Floor Tile 3% Chrysotile

97% qu, ma, ca

Black Mastic 49-2

Brown Floor Tile

Black Mastic

2% Chrysotile

98% qu, bi

97% qu, ma, ca

50-1

2% Chrysotile

3% Chrysotile

98% qu, bi

Blue Linoleum 51 51-1

None Detected

20% ce

80% qu, ma, bi

52

50

52-1 Blue Linoleum None Detected

20% ce

80% qu, ma, bi

53

53-1 Tan Floor Tile 3% Chrysotile

97% qu, ma, ca

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116) Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate

mi - mica

fg - fiberglass

ce - cellulose

gypsum - gypsum bi - binder

ve - vermiculite ot -other

mw - mineral wool wo - wollastinite

br - brucite ka - kaolin (clay)

or - organic ma - matrix

pe - perlite qu - quartz ta - talc sy - synthetic pa - palygorskite (clay)

Approved Signatories:

David Darby

Senior Analyst Alicia Stretz

Laboratory Director Chris Williams

Analyst 1. Fire Damage significant fiber damage - reported percentages reflect unaltered fibers

Fire Damage no significant liber damages effecting fibrous percentages
 Actinolite in association with Vermiculite

4. Layer not analyzed - attached to previous positive layer and contamination is suspected

5. Not enough sample to analyze

6. Anthophyllite in association with Fibrous Talc

7. Contamination suspected from other building materials

8. Favorable scenario for water separation on vermiculite for possible analysis by another method

9. < 1% Result point counted positive

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NVLAP #200772-0 TDSHS #300370 CDPHE #AL-18111 LELAP #03069

Polarized Light Asbestiform Materials Characterization

Customer Info:

Attn: Doug Close

Phase Con Environmental Consultants, LLC

2166 Peregrine Court

Customer Project:

649 25 Rd.

CA Labs Project #:

CBR24010195

Grand Junction, CO 81507

Date: Turnaround Time: 3 day

1/15/2024

Phone #

970-241-6480

Samples Received: Date Of Sampling:

1/11/2024

Fax #

970-241-6584

#

Sample # Layer ment

Analysts Physical Description of Subsample

Homogeneo us

Asbestos type / calibrated visual

estimate percent

Purchase Order #: Non-asbestos fiber type / percent

Non-fibrous type / percent

(Y/N)

53-2 Black Mastic

2% Chrysotile

98% au, bi

54

Tan Floor Tile

3% Chrysotile

97% qu, ma, ca

54-2 Black Mastic

2% Chrysotile

98% qu, bi

55

Green Linoleum

None Detected

20% ce

80% qu, ma

56

Green Linoleum

None Detected

20% ce

80% qu, ma

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)

Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate

mi - mica ve - vermiculité fa - fiberalass mw - mineral woo ce - cellulose

gypsum - gypsum bi - binder

ot -other

wo - wollastinite

br - brucite ka - kaolin (clay)

or - organic ma - matrix

pe - perlite qu - quartz ta - taic sy - synthetic pa - palygorskite (clay)

Approved Signatories:

David Darby Analyst

Senior Analyst Alicia Stretz

Laboratory Director Chris Williams

Orio III

1. Fire Damage significant fiber damage - reported percentages reflect unalte

Fire Damage no significant fiber damages effecting fibrous percentages
 Actinolite in association with Vermiculite

Layer not analyzed - attached to previous positive layer and contamination is suspected

5. Not enough sample to analyze

6. Anthophyllite in association with Fibrous Talc

7. Contamination suspected from other building materials

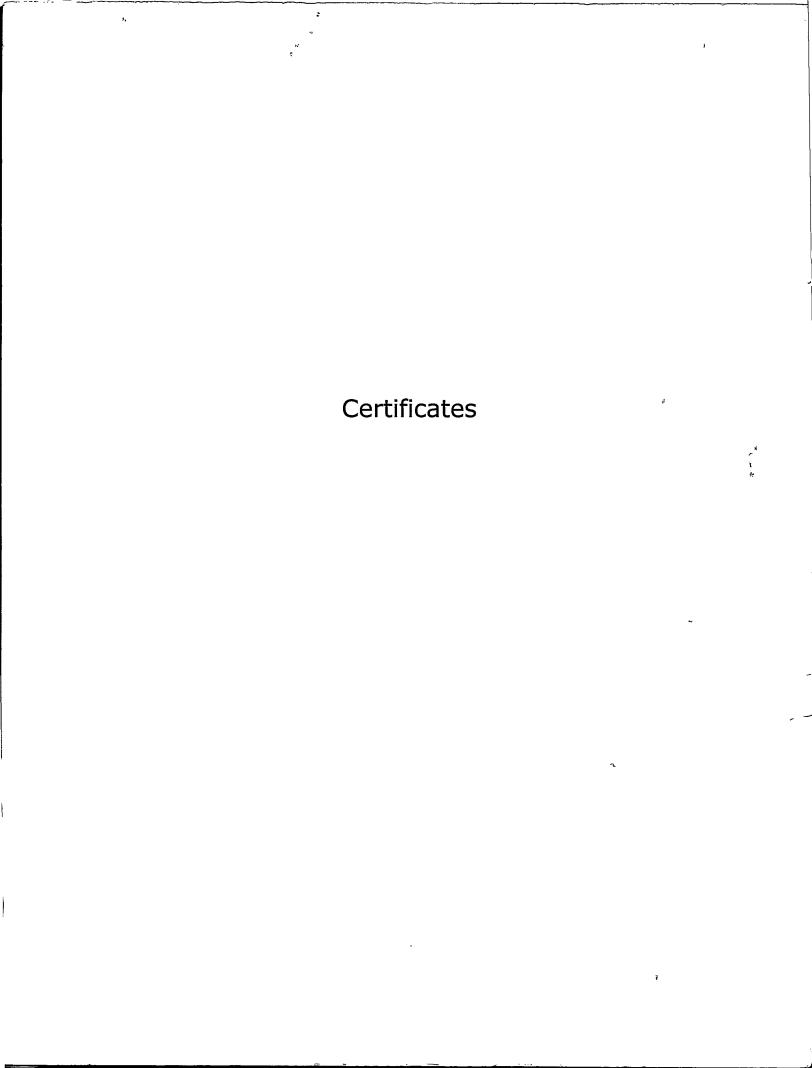
Favorable scenario for water separation on vermiculite for possible analysis by another method
 < 1% Result point counted positive

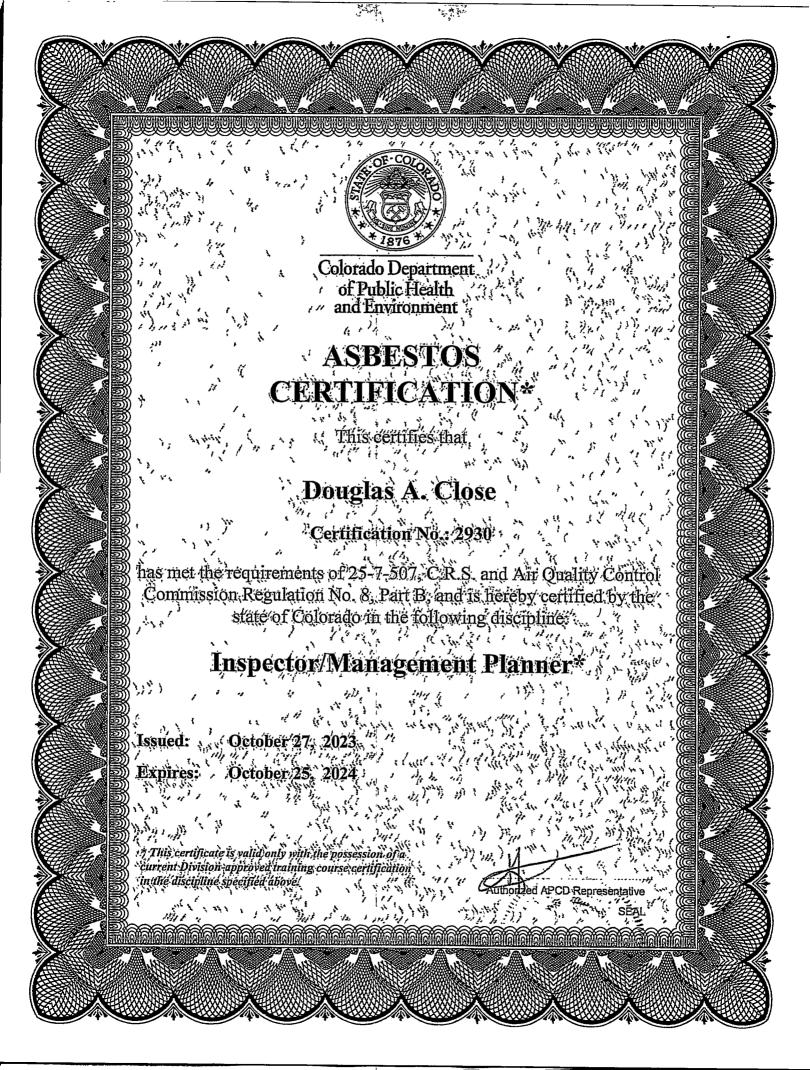


C.A. Labs, LLC. 12232 Industriplex Suite 32 Baton Rouge, LA 70809 Phone: 225-751-5632 Fax: 225-751-5634 Mobile: 225-993-3471

Chain of Custody

Client Name:	Phase	e Con Envir	วกกา	ental Consultan	ts, LLC :C	A La	ıbs job#	CB	R 24	01019	S		
Client Address:	2166	2166 Peregrine Court							Same				
	Gran	Grand Junction, CO 81507				(if different)							
phone number:				_									
fax number:	fax number: 970-260-3341 888-966-0231						Reports to:	Doug	las Clos	e	>= P	1	
Project Number:						rt Name:	<u> </u>				<i>7.</i>		
Contact:	Dou	Douglas Close					Reports Results VIA: EMAIL FAX VERBAL						
Total # Samp	les Su	hmitted	· T	Total # Sa	mples te	o be	Analyzed:		Ma	terial M	atrix:		
£	-/			56			Air / Bulk			r /Bulk /	Water		
Asbestos:						for a					urs samples.		
TEM		TA Time		PL			TA Time		_	/IAQ	TA Time		
Circle analysis and TA ti	ine			1		-	hour	Allergen Particle:		2 hour			
AHERA		4 hour		Improved			hour	tape/bulk/sw			4 hour		
EPA Level II		8 hour		Interim			hour	-		assettes	8 hour		
Drinking Wate		16 hour)		6 hour			assettes	16 hour 24 hour		
Wipe		24 hour		AHERA			4 hour	1		cultures	1		
Micro-vac		2 days					days			o cultures ultures	2 days 3 days		
NIOSH 7402		3 days		Point Cou			days	1		SH 7400	5-10 days	ı	
Chatfield Bulk		5 days		(NESHAP	5)		days	FUR	1.110	311 7400	0-10 days		
Lead:	Surde analys	sis and TA lime											
Matrix:		t Chips		Soil Air		r	Wipes		es Wastewater		TCLP		
TA Time:	81	hour		1 day	2 days		3 days		s 5 days		6-10 days		
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Signature / Date / Time					ime	-			Si	gnature / D	ate / Time	-	







Colorado Department of Public Health

ASBESTOS* CERTIFICATION*

This certifies that way

Douglas A. Close

Certification No., 2930

has met the requirements of 25-7-507. C.R.S. and Air Quality Control. Commission Regulation No. 8, Part B, and is hereby certified by the state of Colorado in the following discipline:

Project Designer*

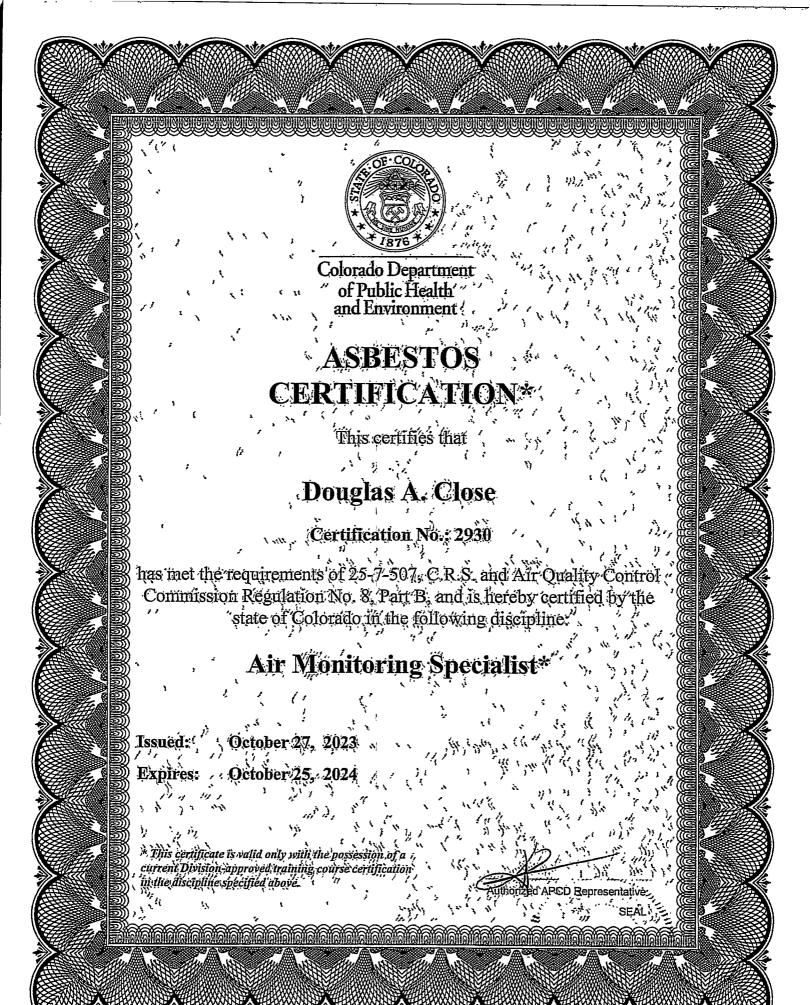
Issued: October 27, 2023

Expires: Dctober 25, 2024

This certificate is valid only with the possession of a current Division-approved training course certification in the discipline specified above:

Authorized APCD Representative

ŠEAI





Colorado Department of Public Health and Environment

ASBESTOS CONSULTING FIRM

This certifies that

Phase Con Environmental Consultants, LLC

Registration No.: ACF - 14801

Commission Regulation No. 8, Part B, and is hereby authorized to perform asbestos consulting activities as required under Regulation No 8, Part B, in the state of Colorado. has met the registration requirements of 25-7-507, C.R.S. and the Air Quality Control

Issued: January 30, 2023

Expires: January 30, 2024





Colorado Department of Public Health and Environment

SBESTOS LABORATORY

This certifies that

Phase Con Environmental Consultants, LLC

Registration No.: AL - 14801

Commission Regulation No.8, Part B, and is hereby authorized to perform asbestos laboratory testing activities, as required by Regulation No 8, Part B, in the state of Colorado. ir Quality Confro C.R.S. and itrements of 25-7

Signed: April 22, 2

pures: April: 07, 2024



Colorado Department of Public Health and Environment

ASBESTOS LABORATORY

This certifies that

CA Labs, LLC

Registration No.: AL - 27819

has met the registration requirements of 25-7-507, C.R.S. and the Air Quality Control Commission Regulation No. 8, Part B, and is hereby authorized to perform asbestos laboratory testing activities, as required by Regulation No 8, Part B, in the state of Colorado.

April 28, 2023 May 12, 2024 Issued:

Expires:

National Institute of Standards and Technology United States Department of Commerce



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 200772-0

CA Labs L.L.C.

Baton Rouge, LA

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2024-01-01 through 2024-12-31



For the National Voluntaxy Laboratoxy Accreditation Program

Effective Dates



Asbestos Building Materials Inspection Services

Client: The City of Grand Junction, 250 N. 5th Street, Grand Junction, CO 81501

Project Site: 2844 Patterson Road, Grand Junction, CO 81506

(House, Large Metal Shop, Metal Carport and Small Metal Shop Structures)

Inspection Date: January 22, 2024

Phase Con Project #: 24-01-22D1

2166 Peregrine Court Grand Junction, CO 81507 970-260-3341 -- office@phasecon.com

2844 Patterson Road, Grand Junction, CO -- House (SFRD) & Outbuildings

Sampling Description

Phase Con provided asbestos building inspection services at 2844 Patterson Road in Grand Junction, Colorado on January 22, 2024. The inspection was performed by Mr. Douglas Close, a Colorado State and EPA Asbestos Building Inspector/Management Planner. This house (SFRD) and outbuildings are scheduled for demolition in the near future. Suspect materials within the scope of work were sampled and analyzed as per Colorado State Regulation #8.

A random sampling scheme was utilized in choosing sampling locations. This scheme used a grid system and randomly generated numbers. The Inspector, Mr. Douglas Close, classified the suspect materials by type (Thermal System Insulation (TSI), Surfacing Materials, and Miscellaneous Materials), and obtained the appropriate number of samples of each material based upon material type, and quantity.

Tables are provided which detail the individual samples obtained, the laboratory analysis results for these samples, the quantity and condition of Asbestos Containing Building Materials (ACBM), the locations of each homogeneous area, and other material specific information. Potential for damage to materials information is provided in the following sampling information tables.

Discussion & Recommendations

House Structure

The following materials were positive for Colorado State and EPA regulated asbestos content (>1% asbestos):

- Popcorn Type Ceiling Texture & Joint Compound in Associated Gypsum Board Systems - present in the basement as shown on the attached diagram. Areas of overspray on the walls were observed and will need to be properly abated (removed) as part of the abatement process. There is an estimated 400 sf of this ACBM present.
- <u>9x9 Vinyl Floor Tile & Associated Black Mastic</u> present in the front entry area beneath carpeting. There is an estimated 65 sf of this ACBM present.

• <u>Paper Type Duct Insulation Wrap</u> – present on original ductwork in the house. Visible in the basement as a single large duct with a few branches with insulation also present at the vent openings on the main floor. There is an estimated 60 sf of this ACBM present.

The prior listed ACBMs are regulated by the State of Colorado and the EPA and <u>must</u> be handled, removed and disposed of by a State of Colorado licensed asbestos abatement contractor (General Abatement Certificate holder) in accordance with Colorado State Regulation #8 prior to building demolition.

The following materials were positive for 'trace' asbestos content (<=1% asbestos) as verified by point count analysis:

• <u>Interior Plaster</u> – present on most walls and ceilings on the main level of the house and the stairway leading to the basement. There is an estimated 3000 sf of this trace asbestos content plaster present.

The trace asbestos content (<=1% asbestos as verified by point count analysis) building materials listed above are NOT considered to be Asbestos Containing Building Materials (ACBMs) by the State of Colorado or the EPA and therefore are not regulated by these two bodies; however, OSHA regulations apply to damage, disturbance or handling of this trace asbestos content material and landfills will require special packaging and disposal of these materials. OSHA regulations only apply to employee exposure. The presence of any amount of asbestos in building debris/waste will result in landfill packaging requirements, fees and dumping restrictions. The client must contact the landfill to ensure appropriate packaging and disposal compliance. OSHA requirements are detailed here:

- Exposure monitoring of personnel during the first work shift to determine exposure levels. If exposure levels are within the OSHA PEL and STEL, then the requirements listed below apply...if exposure levels are above the OSHA PEL/STEL then work must proceed as Class I OSHA asbestos work.
- Use of wet methods, or wetting agents, to control employee exposures during asbestos handling.
- Prompt clean-up and disposal of wastes and debris contaminated with asbestos in leak-tight containers.
- Prohibition of high speed abrasive disc saws not equipped with

HEPA filtration.

- Prohibition of compressed air used to remove asbestos, or as a clean-up technique.
- Prohibition of employee rotation as a means of reducing employee exposure to asbestos.
- Asbestos awareness training for all personnel (typically eight hours of training).

Furthermore, I recommend the use of half-face negative pressure respirators equipped with HEPA filtered cartridges by all personnel along with other appropriate Personal Protective Equipment (PPE) and establishment of a regulated work area with negative air pressure produced by HEPA filtration of interior air exhausted outside of the building.

Although not required by the State and the EPA for trace asbestos content materials; I recommend that any materials which contain asbestos in any quantity only be damaged or disturbed by properly trained and protected personnel in the employ of a licensed asbestos abatement contractor utilizing appropriate engineering controls and methods. Even trace asbestos content materials can release significant asbestos into the air potentially contaminating portions of the building and resulting in personnel exposure.

The trace asbestos containing materials will need to be packaged appropriately for disposal in the landfill. The property owner should contact the landfill for specifics.

Large Metal Shop Building

No asbestos containing building materials are present in this structure. There are no building materials present which are suspect for potential asbestos content; only wood structural members and metal siding/roof panels.

Metal Carport Structure

No asbestos containing building materials are present in this structure. There are no building materials present which are suspect for potential asbestos content; only wood structural members and metal siding/roof panels.

Small Metal Shop Structure

No asbestos containing building materials are present in this structure. There are no building materials present which are suspect for potential asbestos content; only wood structural members and metal siding/roof panels.

If any previously unknown or undiscovered materials are found during demolition activities which are suspect for asbestos content then these materials should be tested for potential asbestos content prior to continuing any further demolition work.

Disclaimer

Identified asbestos containing materials may be in areas which are inaccessible or hidden due to their application during the construction process and their subsequent enclosure or covering with building and finish materials. Areas behind walls, inside chases, or other hidden, covered or enclosed areas should be inspected whenever renovation or demolition activities are scheduled which may disturb the materials within or beneath these barriers. Care to watch for hidden or undiscovered materials should be taken by the demolition contractor during the demolition process. A discovery of unknown materials will necessitate stopping demolition until the materials can be inspected by a certified asbestos building inspector. 'Overspray' or excess materials from the installation or application process of asbestos containing materials is common, should be expected in the vicinity of installed asbestos containing materials, and is often present either covered by other building materials or in hidden or unexpected locations.

Bulk material samples are obtained in accordance with applicable regulations, industry standard techniques and analyzed by a NVLAP accredited laboratory; however, due to the asbestos content fluctuations which may occur in a building material due to the application and/or initial mixing process no guarantee can be made as to an 'exact' percentage asbestos content (this includes 'no asbestos detected' and 'trace' contents) which represents the entirety of the material (asbestos content fluctuations can and will occur throughout a building material).

Abatement cost estimates and material quantity estimates are approximate only (due to the hidden nature of many of the materials), and are provided only as a general guideline to the client. More than one licensed Colorado State asbestos abatement contractor should be

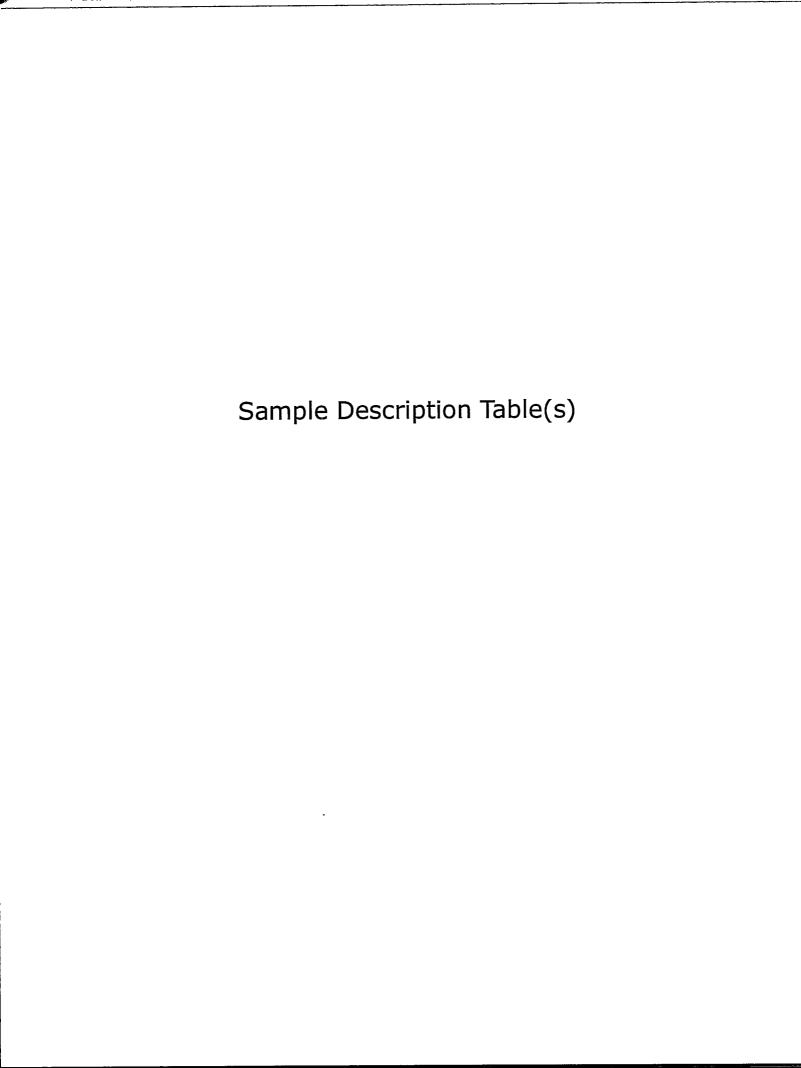
consulted to determine actual abatement costs of the ACBMs described above. Actual material quantities can only be determined by complete removal of covering materials.

Please call us with any questions which you may have concerning this report and our recommendations. Thank you.

Douglas A. Close

Colorado State and EPA Certified Asbestos Building

Ínspector/Management Planner #2930



Sampling & Materials Description Table -- 2844 Patterson, GJ, CO

ASB EST OS (Y/N)	Z	z	z	z	Z	z	z	z	z	z	Z
FW	NF	ΑN	11_	<u>LL</u> ,	L	<u>L</u>	Ī.L.	LL.	Ш	N.	NF
REA SON for POT DMG	ı	1	•	3	•	t	ī	t	•	1	
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TIOND	Э	ව	മ	ග	g	g	g	g	<u>ත</u>	ව	ڻ ت
OUA COND NTIT TION	1 sf	1 sf	1200 sf	1200 sf	1200 sf	1200 sf	1200 sf	50 sf	50 sf	1300 sf	1300 sf
MTR.	M	Σ	S	S	S	S	S	Σ	Σ	Σ	Σ
MATERIAL	original windows	All original windows	House exterior	House bricks	House bricks	Roof	Roof				
MATERIAL DESCRIPTION	Window glazing	Window glazing	Exterior brick coating	Brick mortar	Brick mortar	Asphalt roofing shingles	Asphalt roofing shingles				
HMG NS AREA	A	A	В	В	В	В	В	Ö	O	Q	۵
WS.	-	5	က	4	ഹ	9	7	8	6	10	Ţ-

Sampling & Materials Description Table -- 2844 Patterson, GJ, CO

ASB EST OS (YN)	z	z	z	Trace	Trace	z	z	z	Z	Y, both
FMF	ட	LL.	11_	ഥ	L L	L	Щ	ட	ட	N N
REA SON for POT DMG	t	•	•	•	•	1	1	1	I	1.
POTE NTIA L for DAM	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD	NPD
REASON for CONDN ASSESS MENT	ı	1	3	1	1	1	1	1	1	1
COND	മ	G	G	ප	ල	9	9	9		ڻ ت
OUA NTITI Y	3000 sf	3000 sf	3000 sf	3000 sf	3000 sf	300 sf	300 sf	250 sf	250 sf	65 sf
MTR	တ	S	S	S	S	∑	Σ	Σ	Σ	Σ
MATERIAL LOCATION(S)	Main floor interior walls/ ceilings	Kitchen, DR, bathrooms top layer	Kitchen, DR, bathrooms top layer	Bottom layer, kitchen, DR, rear entry & east bathroom	Bottom layer, kitchen, DR, rear entry & east bathroom	South entry area				
MATERIAL DESCRIPTION	Plaster	Plaster	Plaster	Plaster	Plaster	White square pattern sheet vinyl flooring	White square pattern sheet vinyl flooring	Black tar impregnated felt	Black tar impregnated felt	9x9 vinyl floor tile & black mastic
HMG NS AREA	Ш	Ш	Ш	Ш	Ш	ட	Ц.	g g	g	Τ
SM PL	12	13	14	15	16	17	18	19	20	21

Sampling & Materials Description Table -- 2844 Patterson, GJ, CO

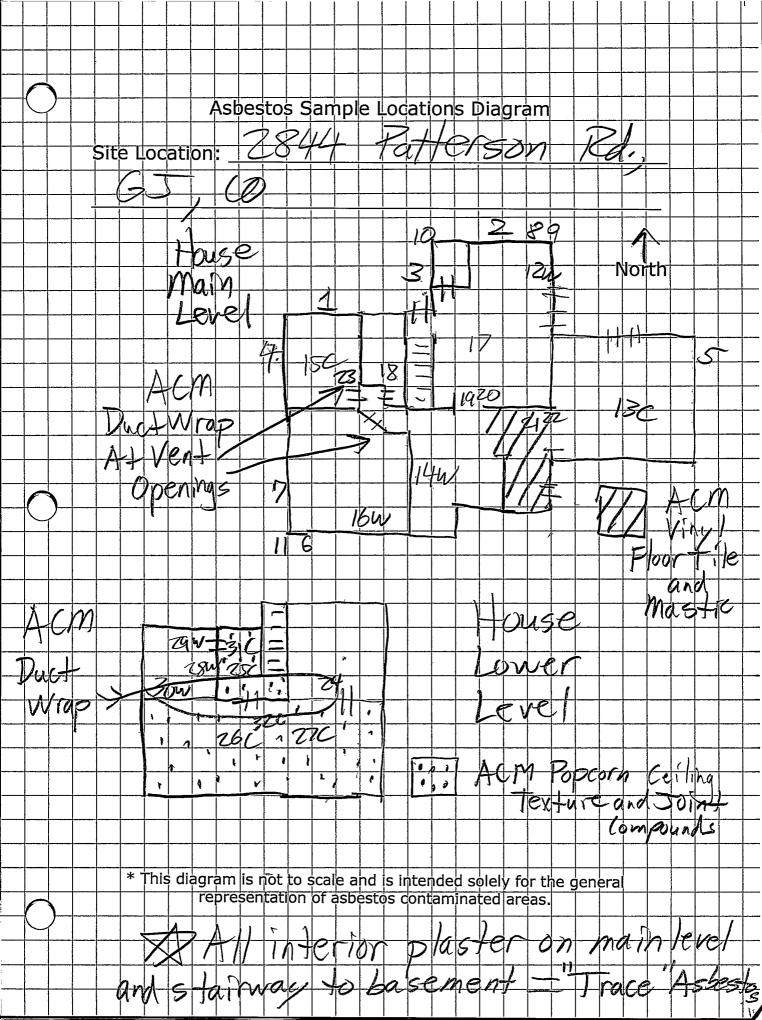
)			Name and Address of the Owner, Spinster, Spins	Taxable Committee Committe	AND THE PARTY OF T	Zamen and Commercial C			THE REAL PROPERTY.
MS Td.	HMG NS AREA	MATERIAL DESCRIPTION	MATERIAL LOCATIÓN(S)	MTR	ÖÜA NTIT Y	COND	REASON for CONDN ASSESS MENT	POTE NTIA L'for DAM	REA SON for POT	EN F	ASB EST OS (Y/N)
22	エ	9x9 vinyl floor tile & black mastic	South entry area	M	65 sf	ව	1	NPD	ı	HZ HZ	Υ, both
23	_	Grey paper type duct wrap	Original ductwork & vent boots	M	60 sf	G	t	NPD	8	ட	>
24		Grey paper type duct wrap	Original ductwork & vent boots	Σ	60 sf	ව	t	NPD	1	Ľ	\
25	7	Popcorn type ceiling texture	Basement	S	400 sf	ß	E.	NPD	1	Ľ	>
26	7	Popcorn type ceiling texture	Basement	S	400 sf	ව		NPD	1	LL.	>-
27	٦	Popcorn type ceiling texture	Basement	S	400 sf	හ	•	NPD	t	LL.	>-
28	ᅩ	Interior plaster	Basement walls & basement perimeter walls	S	900 sf	ව	1	NPD	:	L	z
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30	×	Interior plaster	Basement walls & basement perimeter walls	S	900 sf	മ	-	NPD	1	LL_	z
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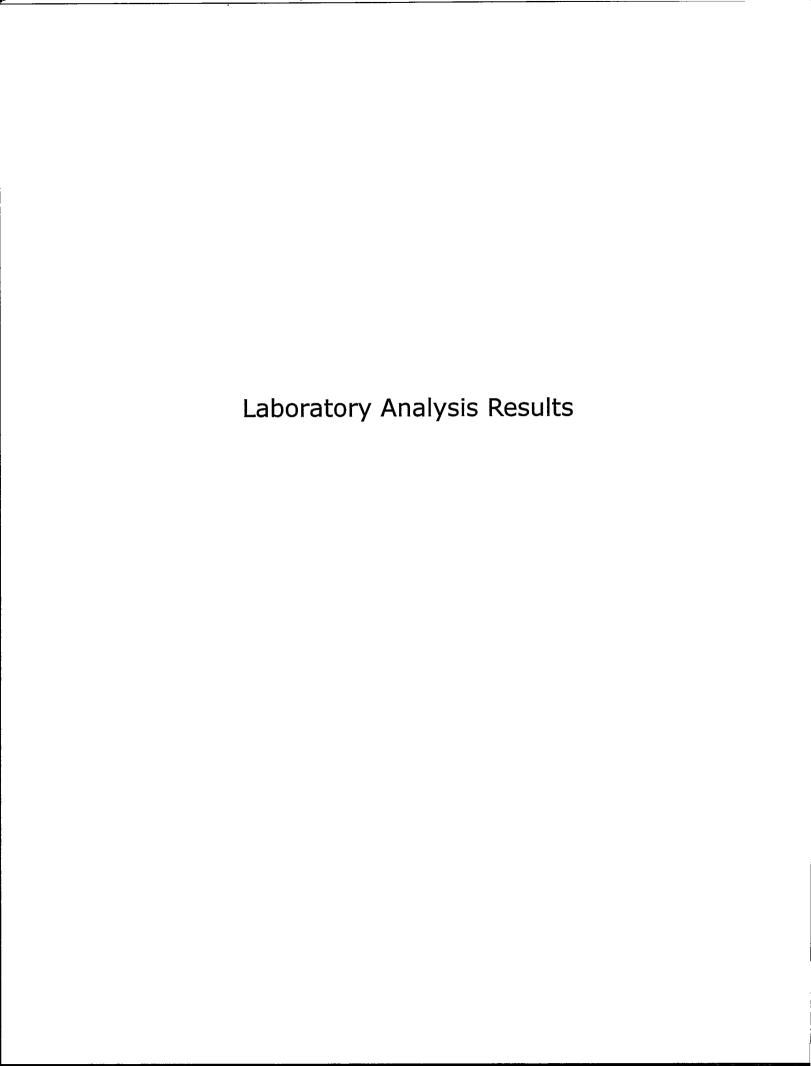
<u>Abbreviations</u>

pd -- potential for damage F -- Friable spd -- sig. potential for damage S -- Surfacing material M -- Miscellaneous material

Tr, comp - composite trace content g -- good npd -- no potential for damage NF -- Non-Friable sd - significant damage TSI -- Thermal System Insulation Trace -- <1% asbestos Tr, c d -- damaged







Dedicated to Quality CA Labs. L.L.C.

12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634



NVLAP #200772-0 TDSHS #300370 CDPHE #AL-18111 LELAP #03069

Polarized Light Asbestiform Materials Point Count

Laboratory Analysis Report - Point Count

Analysis and Method

Point counting was performed on a polarized light microscope with a calibrated reticle according to the revised NESHAP method of November 20, 1990 (Federal Register, V.55, N.224, 11/20/90). Original asbestos content of bulk materials was determined using procedures outlined in the interim method (40 CFR part 763, Appendix E to subpart E) and AHERA method (EPA-600/R-93/116). Samples were prepared using HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion staining / becke line method.

Qualifications

CA Labs is accredited by the National Voluntary Accreditation Program (NVLAP) for selected test methods for airborne fiber analysis (TEM), and for bulk asbestos fiber analysis (PLM). All analysts have a college degree in a natural science (geology, biology, or environmental science) or are recognized by a state professional board in one of these disciplines. Extensive in-house training programs are used to augment education background of the analyst. The group leader of polarized light has received supplemental McCrone Research training for asbestos identification. This report is not covered by the scope of NVLAP or AIHA accreditation. Analysis performed at CA Labs, LLC 12232 Industriplex, Suite 32 Baton Rouge, LA 70809.

CA Labs Project #: **Customer Project:** Customer Info: Attn: Doug Close CBR24010361B 2844 Patterson Road Phase Con Environmental Consultants, LLC 2166 Peregrine Court 1/26/2024 Grand Junction, CO 81507 Date: Turnaround Time: 2 Day Samples Received: 1/25/2024 Date Of Sampling: 970-241-6480 Phone # Purchase Order #: Fax# 970-241-6584 Point Counted % / Sample # Layer Analysts Physical Homo-geneous Description of (Y/N) Asbestos Type Subsample Y 0.25% Chrvsotile 15 Gray Plaster 16 16-2 Grav Plaster 0.50% Chrysotile

This report relates to the items tested. This report is not to be used by the customer to claim product certification, approval or endorsement by NVLAP, NIST or any other agency of the federal government. This report may not be reproduced except in full without written permission from CA Labs. These results are submitted pursuant to CA Labs' current terms and sale, condition of sale, including the company's standard warranty and limitations of liability provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, CA Labs will store the samples for a period of ninety (90) days before discarding. A shipping or handling fee may be assessed for the return of any samples.

Approved Signatories:

Zo Andriampenomanana Analyst Senior Analyst Alicia Stretz Laboratory Director Chris Williams

This VIII

Dedicated to Quality

CA Labs, L.L.C.

12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634

NVLAP #200772-0 TDSHS #300370 **CDPHE #AL-18111** LELAP #03069

Materials Characterization - Bulk Asbestos Analysis

Laboratory Analysis Report - Polarized Light

Phase Con Environmental Consultants, LLC

2166 Peregrine Court Grand Junction, CO 81507

Attn: Doug Close Customer Project: 2844 Patterson Road

CBR24010361 Reference #:

1/24/2024 Date:

Analysis and Method

Summary of polarizing light microscopy (PLM / Stereomicroscopy bulk asbestos analysis) using the methods described in 40CFR Part 763 Appendix E to Subpart E (Interim and EPA 600 / R-93 / 116 (Improved). The sample is first viewed with the aid of stereomicroscopy. Numerous liquid slide preparations are created for analysis under the polarized microscope where identifications and quantifications are preformed. Calibrated liquid refractive oils are used as liquid mouting medium. These oils are used for identification (dispersion staining). A calibrated visual estimation is reported, should any asbestiform mineral be present. Other techniques such as acid washing are used in conjugation with refractive oils for detection of smaller quantities of asbestos. All asbestos percentages are based on calibrated visual estimation traceable to NIST standards for regulated of asbestos. Traceability to measurement and calibration is achieved by using known amounts and types of asbestos from standards where analyst and laboratory accuracy are measured. As little as 0.001% asbestos can be detected in favorable samples, while detection in unfavorable samples may approach the detection limit of 0.50% (well above the laboratory definition of trace).

Discussion

Vermiculite containing samples may have trace amounts of actinolite-tremolite, where not found be PLM should be analyzed using TEM methods and / or water separation techniques. Suspected actinolite/vermiculite presence will be indicated through the sample comment section of this report.

Fibrous talc containing samples may even contain a related asbestos fiber known as anthophyllite. Under certain conditions the same fiber may actually contain both talc and anthophyllite (a phenomenon called intergrowth). Again, TEM detection methods are recommended. CA Labs PLM report comments will denote suspected amounts of asbestiform anthophyllite with talc, where further analysis is recommended.

Some samples (floor tiles, surfacings, etc.) may contain fibers too small to be detectable by PLM analysis and should be analyzed by TEM bulk protocols.

A "trace asbestos" will be reported if the analyst observes far less than 1% asbestos. CA Labs defines "trace asbestos" as a few fibers detected by the analyst in several preparations and will indicate as such under these circumstances.

Quantification of <1% will actually be reported as <=1% (allowable variance close to 1% is high). Such results are ideal for point counting, and the technique is mandatory for friable samples (NESHAP, Nov. 1990 and clarification letter 8 May 1991) under 1% percent asbestos and the "trace asbestos". In order to make all initial PLM reports issued from CA Labs NESHAP compliant, all <1% asbestos results (except floor tiles) will be point counted at no additional charge.

Oualifications

CA Labs is accredited by the National Voluntary Accreditation Program (NVLAP) for selected test methods for airborne fiber analysis (TEM), and for bulk asbestos fiber analysis (PLM). All analysis have a college degree in a natural science (geology, biology, or environmental science) or are recognized by a state professional board in one these disciplines .Extensive in-house training programs are used to augment education background of the analyst. The group leader of polarized light has received supplemental McCrone Research training for asbestos identification. This report is not covered by the scope of AIHA accreditation. Analysis performed at CA Labs, LLC 12232 Industriplex, Suite 32 Baton Rouge, LA 70809.

Dedicated to Quality

CA Labs, L.L.C.

12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634



NVLAP #200772-0 TDSHS #300370 CDPHE #AL-18111 LELAP #03069

Overview of Project Sample Material Containing Asbestos

Customer Pro	iect:	2844 Patterson Road		CA Labs Project #: CBR24010361			
Sample #	Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent	List of Affected Building Material Types			
15	15-2	Gray Plaster	2% Chrysotile	Gray Plaster Brown Floor Tile Black Mastic			
16	16-2	Gray Plaster	2% Chrysotile	Gray Felt White Textured Surfacing			
21	21-1	Brown Floor Tile	4% Chrysotile	_			
	21-2	Black Mastic	6% Chrysotile				
22	22-1	Brown Floor Tile	4% Chrysotile	_			
	22-2	Black Mastic	6% Chrysotile				
23	23-1	Gray Felt	70% Chrysotile	-			
24	24-1	Gray Felt	70% Chrysotile	_			

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

ca - carbonate pe - perlite
gypsum - gypsum qu - quartz
bi - binder
or - organic
ma - matrix
mi - mica
ve - vermiculite
ot - other

pe - perlite fg - fiberglass
qu - quartz mw - mineral wool
wo - wollastinite
ta - talc
sy - synthetic
ce - cellulose
br - brucite
ka - kaolin (clay)

pa - palygorskite (clay)

This report relates to the items tested. This report is not to be used by the customer to claim product certification, approval or endorsement by NVLAP, NIST, AlHA LAP, LLC, or any other agency of the federal government. This report may not be reproduced except in full without written permission from CA Labs. These results are submitted pursuant to CA Labs current terms and sale, condition of sale, including the company's standard warranty and limitations of liability provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, CA Labs will store the samples for a period of ninety (90) days before discarding. A shipping or handling fee may be assessed for the return of any samples.

Dedicated to Quality

CA Labs, L.L.C.

12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634



NVLAP #200772-0 TDSHS #300370 CDPHE #AL-18111 LELAP #03069

Overview of Project Sample Material Containing Asbestos

Customer Project:	2844 Patterson Road		CA Labs Project #:	CBR24010361
Sample # Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent		ected Building ial Types

25	25-1	White Textured Surfacing	2% Chrysotile
26	26-1	White Textured Surfacing	2% Chrysotile
27	27-1	White Textured Surfacing	2% Chrysotile
31	31-1	White Textured Surfacing	3% Chrysotile
32	32-1	White Textured Surfacing	3% Chrysotile

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

ca - carbonate
gypsum - gypsum
bi - binder
or - organic
ma - matrix
mi - mica
ve - vermiculite

ot - other

pe - perlite qu - quartz fg - fiberglass mw - mineral wool pa - palygorskite (clay)

wo - wollastinite
ta - talc
sy - synthetic
ce - cellulose
br - brucite
ka - kaolin (clay)

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Dedicated to Quality

CA Labs. L.L.C.

12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634



NVLAP #200772-0 TDSHS #300370 **CDPHE #AL-18111** LELAP #03069

Polarized Light Asbestiform Materials Characterization

CA Labs Project #: Attn: Doug Close **Customer Project: Customer Info:** CBR24010361 2844 Patterson Road Phase Con Environmental Consultants, LLC 2166 Peregrine Court 1/24/2024 Date: Grand Junction, CO 81507 Turnaround Time: 24 hr 1/23/2024 Samples Received: Date Of Sampling: Phone # 970-241-6480 Purchase Order #: Fax# 970-241-6584 Non-fibrous type Non-asbestos fiber Analysts Physical Description of Homo-Asbestos type / Sample # Com Layer type / percent / percent calibrated visual geneo ment Subsample estimate percent LIS (Y/N) 100% gu, ma, bi, None Detected Ν Tan Surfaced White Sealant 100% qu, ma, bi, Tan Surfaced Gray Sealant Ν None Detected 2-1 100% qu, mi, bi, None Detected Ν ca Tan Surfaced White Compound 3-1 100% qu, mi, bi, Ν None Detected ca Tan Surfaced White Compound 4-1 100% qu, mi, bi, None Detected Tan Surfaced White Compound 5-1 100% qu, mi, bi, Ν None Detected ca Tan Surfaced White Compound 6 6-1 100% qu, mi, bi, ca Tan Surfaced White Compound None Detected 7-1

> Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116) Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate gypsum - gypsum

bi - binder

or - organic

ma - matrix

mi - mica ve - vermiculite ot -other pe - perlite

qu - quartz

fg - fiberglass mw - mineral wool wo - wollastinite ta - talc

sy - synthetic

ce - cellulose br - brucite ka - kaolin (clay) pa - palygorskite (clay)

Approved Signatories:

David Darby Analyst

Senior Analyst Alicia Stretz

Laboratory Director Chris Williams

1. Fire Damage significant fiber damage - reported percentages reflect unaltered fibers

2. Fire Damage no significant fiber damages effecting fibrous percentages 3, Actinolite in association with Vermiculite

4. Layer not analyzed - attached to previous positive layer and contamination is suspected

5. Not enough sample to analyze

6. Anthophyllite in association with Fibrous Talc

7. Contamination suspected from other building materials

8. Favorable scenario for water separation on vermiculite for possible analysis by another method

9. < 1% Result point counted positive

10. TEM analysis suggested

Dedicated to Quality

CA Labs, L.L.C.

12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634



NVLAP #200772-0 TDSHS #300370 **CDPHE #AL-18111** LELAP #03069

Polarized Light Asbestiform Materials Characterization

CA Labs Project #: **Customer Project:** Attn: Doug Close **Customer Info:** CBR24010361 2844 Patterson Road Phase Con Environmental Consultants. LLC 2166 Peregrine Court 1/24/2024 Grand Junction, CO 81507 Date: 1/23/2024 Turnaround Time: 24 hr Samples Received: Date Of Sampling: Phone # 970-241-6480 Purchase Order #: 970-241-6584 Fax# Non-fibrous type Non-asbestos fiber Analysts Physical Description of Homo-Asbestos type / Layer Sample # Com type / percent / percent geneo calibrated visual ment Subsample estimate percent us (Y/N) None Detected 100% qu, ma, ca Gray Plaster 8 8-1 100% qu, ma, ca None Detected Gray Plaster 9-1 30% qu, ma, bi Y None Detected 70% fa Black Shingle with Tan Gravel 10 10-1 70% fg 30% qu, ma, bi Black Shingle with Tan Gravel None Detected 11 100% qu, ma, bi, Tan Surfaced White Finishing None Detected N 12 12-1 Plaster 100% qu, ma, Y None Detected pe, ca 12-2 Gray Plaster 100% qu, ma, bi, White Surfaced White None Detected ca 13-1 Compound 13

> Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116) Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate gypsum - gypsum bi - binder or - organic

ma - matrix

mi - mica ve - vermiculite ot -other pe - perlite au - quartz

fa - fiberalass mw - mineral wool wo - wollastinite ta - talc sy - synthetic

ce - cellulose br - brucite ka - kaolin (clay) pa - palygorskite (clay)

Approved Signatories:

David Darby Analyst

Senior Analyst Alicia Stretz

Laboratory Director Chris Williams

Fire Damage significant fiber damage - reported percentages reflect unaltered fibers
 Fire Damage no significant fiber damages effecting fibrous percentages

^{3.} Actinolite in association with Vermiculite

Layer not analyzed - attached to previous positive layer and contamination is suspected

^{5.} Not enough sample to analyze

^{6.} Anthophyllite in association with Fibrous Talc

^{7.} Contamination suspected from other building materials

^{8.} Favorable scenario for water separation on vermiculite for possible analysis by another method 9. < 1% Result point counted positive

^{10.} TEM analysis suggested

Dedicated to Quality

CA Labs. L.L.C.

12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634



NVLAP #200772-0 TDSHS #300370 **CDPHE #AL-18111** LELAP #03069

Polarized Light Asbestiform Materials Characterization

Customer Info:

Attn: Doug Close

Phase Con Environmental Consultants, LLC

Customer Project:

CA Labs Project #:

2166 Peregrine Court

Grand Junction, CO 81507

2844 Patterson Road

CBR24010361

Turnaround Time: 24 hr Samples Received: 1/24/2024

geneo

นร (Y/N) **Date Of Sampling:**

Date:

1/23/2024

Phone # Fax# Sample # 970-241-6480 970-241-6584

Com Laver ment

Analysts Physical Description of Subsample

Asbestos type / Homocalibrated visual estimate percent Purchase Order #: Non-asbestos fiber type / percent

Non-fibrous type / percent

	13-2	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
		To a Company White Finishing				100% qu, ma, bi,
14	14-1	Tan Surfaced White Finishing Plaster	N	None Detected		ca
						100% qu, ma,
	14-2	Gray Plaster	Y	None Detected		pe, ca
		Tan Surfaced White Finishing				100% qu, ma, bi,
15	15-1	Plaster	N	N None Detected	-	ca
	15-2	Gray Plaster	Υ	2% Chrysotile		98% qu, ma, ca
		Tan Surfaced White Finishing				100% qu, ma, bi,
16	16-1	Plaster	N	None Detected		ca

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116) Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate

16-2 Gray Plaster

mi - mica

fg - fiberglass

sy - synthetic

ce - cellulose

gypsum - gypsum bi - binder or - organic

ma - matrix

ve - vermiculite ot -other pe - perlite au - auartz

mw - mineral wool wo - wollastinite ta - talc

br - brucite ka - kaolin (clav)

pa - palygorskite (clay)

Approved Signatories:

David Darby

Senior Analyst Alicia Stretz

Laboratory Director Chris Williams

Chris Will

98% qu, ma, ca

3. Actinolite in association with Vermiculite

5. Not enough sample to analyze

6. Anthophyllite in association with Fibrous Talc

10. TEM analysis suggested

2% Chrysotile

Fire Damage significant fiber damage - reported percentages reflect unaltered fibers
 Fire Damage no significant fiber damages effecting fibrous percentages

^{4.} Layer not analyzed - attached to previous positive layer and contamination is suspected

^{7.} Contamination suspected from other building materials
8. Favorable scenario for water separation on vermiculite for possible analysis by another method

< 1% Result point counted positive

Dedicated to Quality CA Labs, L.L.C.

12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634



NVLAP #200772-0 TDSHS #300370 CDPHE #AL-18111 LELAP #03069

Polarized Light Asbestiform Materials Characterization

CA Labs Project #: **Customer Project: Customer Info:** Attn: Doug Close CBR24010361 2844 Patterson Road Phase Con Environmental Consultants, LLC 2166 Peregrine Court 1/24/2024 Grand Junction, CO 81507 Date: 1/23/2024 Turnaround Time: 24 hr Samples Received: Date Of Sampling: Phone # 970-241-6480 Purchase Order #: Fax# 970-241-6584 Non-asbestos fiber Non-fibrous type Analysts Physical Description of Homo-Asbestos type / Com Sample # Layer type / percent / percent calibrated visual Subsample geneo ment us estimate percent (Y/N) None Detected 20% ce 80% qu, ma 17 Tan Linoleum 20% ce 80% qu, ma Tan Linoleum None Detected 18 18-1 None Detected 100% qu, bi 18-2 Tan Mastic 20% qu, ma, bi 80% ce None Detected 19 19-1 Black Felt None Detected 80% ce 20% qu, ma, bi Black Felt 20 20-1 96% qu, ma, ca 21-1 Brown Floor Tile 4% Chrysotile 21 94% qu, bi 6% Chrysotile 21-2 Black Mastic

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate

ate mi - mica

fg - fiberglass

sv - synthetic

ce - cellulose

gypsum - gypsum bi - binder

ve - vermiculite ot -other mw - mineral wool
wo - wollastinite

br - brucite ka - kaolin (clay)

or - organic ma - matrix pe - perlite qu - quartz wo - wollasi ta - talc pa - palygorskite (clay)

Approved Signatories:

David Darby Analyst

Senior Analyst Alicia Stretz Laboratory Director Chris Williams

Chris Oll

3. Actinolite in association with Vermiculite

5. Not enough sample to analyze

Fire Damage significant fiber damage - reported percentages reflect unaltered fibers
 Fire Damage no significant fiber damages effecting fibrous percentages

Layer not analyzed - attached to previous positive layer and contamination is suspected

^{6.} Anthophyllite in association with Fibrous Talc

^{7.} Contamination suspected from other building materials8. Favorable scenario for water separation on vermiculite for possible analysis by another method

Pavorable scenario for water separati
 Separation of the s

 ^{1%} Hesuit point counte
 TEM analysis suggested

Dedicated to Quality

Customer Info:

Sample #

CA Labs, L.L.C.

12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634



NVLAP #200772-0 TDSHS #300370 **CDPHE #AL-18111** LELAP #03069

Polarized Light Asbestiform Materials Characterization

us

(Y/N)

Phase Con Environmental Consultants, LLC

Attn: Doug Close

2166 Peregrine Court Grand Junction, CO 81507 **Customer Project:**

2844 Patterson Road

Turnaround Time: 24 hr

CA Labs Project #: CBR24010361

Date: Samples Received:

Date Of Sampling:

1/24/2024 1/23/2024

970-241-6480 Phone # Fax#

Com

ment

970-241-6584

Laver

Analysts Physical Description of Subsample

Asbestos type / Homogeneo calibrated visual estimate percent Purchase Order #: Non-asbestos fiber type / percent

Non-fibrous type / percent

22-1 Brown Floor Tile 4% Chrysotile 96% qu, ma, ca 22 94% au, bi 6% Chrysotile Black Mastic 70% Chrysotile 10% ce 20% qu, ma Gray Felt 23 23-1 70% Chrysotile 10% ce 20% qu, ma 24 24-1 Gray Felt 98% qu, mi, bi, 2% Chrysotile White Textured Surfacing Ν 25 25-1 98% qu, mi, bi, Ν 2% Chrysotile ca 26-1 White Textured Surfacing 26 98% qu, mi, bi, Ν 2% Chrysotile ca White Textured Surfacing 27

> Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116) Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate gypsum - gypsum bi - binder

or - organic ma - matrix

mi - mica ve - vermiculite ot -other pe - perlite

qu - quartz

fg - fiberglass mw - mineral wool wo - wollastinite

ta - talc

sy - synthetic

ce - cellulose br - brucite

ka - kaolin (clay) pa - palygorskite (clay)

Approved Signatories:

David Darby

Analyst

Senior Analyst Alicia Stretz

Laboratory Director Chris Williams

^{1.} Fire Damage significant fiber damage - reported percentages reflect unaltered fiber

Fire Damage no significant fiber damages effecting fibrous percentages
 Actinolite in association with Vermiculite

^{4.} Layer not analyzed: - attached to previous positive layer and contamination is suspected

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^{7.} Contamination suspected from other building materials

^{8.} Favorable scenario for water separation on vermiculite for possible analysis by another method

< 1% Result point counted positive

^{10.} TEM analysis suggested

Dedicated to Quality

CA Labs, L.L.C.

12232 Industriplex, Suite 32 Baton Rouge, LA 70809 Phone 225-751-5632 Fax 225-751-5634



NVLAP #200772-0 TDSHS #300370 **CDPHE #AL-18111** LELAP #03069

Polarized Light Asbestiform Materials Characterization

Customer Info:

Attn: Doug Close

Customer Project:

CA Labs Project #:

Phase Con Environmental Consultants, LLC

Com

2844 Patterson Road

CBR24010361

2166 Peregrine Court Grand Junction, CO 81507

Date:

1/24/2024

Phone #

970-241-6480

Turnaround Time: 24 hr

Samples Received: Date Of Sampling: Purchase Order #:

1/23/2024

Fax# Sample #

28

30

970-241-6584

Analysts Physical Description of Subsample

White Surfaced Gray Plaster

White Surfaced Gray Plaster

White Drywall with Paper

White Drywall with Paper

Asbestos type / calibrated visual estimate percent

Non-asbestos fiber type / percent

Non-fibrous type / percent

ment

Layer

geneo us (Y/N)

Ν

Ν

Homo-

100% qu, ma, bi,

29 29-1 Grav Plaster

30-1

31-2

None Detected

None Detected

100% qu, ma, ca 100% qu, ma, bi,

ca

ca

White Textured Surfacing 31

3% Chrysotile

None Detected

None Detected

None Detected

10% ce

90% qu, gy

97% qu, mi, bi,

97% qu, mi, bi,

White Textured Surfacing 32 32-1

Ν 3% Chrysotile

10% ce

90% qu, gy

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116) Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate

mi - mica ve - vermiculite fa - fiberalass

ce - cellulose br - brucite

gypsum - gypsum bi - binder or - organic ma - matrix

ot -other pe - perlite qu - quartz mw - mineral wool wo - wollastinite sy - synthetic

ka - kaolin (clay) pa - palygorskite (clay)

Approved Signatories:

David Darby Analyst

Senior Analyst Alicia Stretz

Laboratory Director Chris Williams

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^{7.} Contamination suspected from other building materials

^{8.} Favorable scenario for water separation on vermiculite for possible analysis by another method

^{9. &}lt; 1% Result point counted positive

^{10.} TEM analysis suggested



C.A. Labs, LLC. 12232 Industriplex Suite 32 Baton Rouge, LA 70809

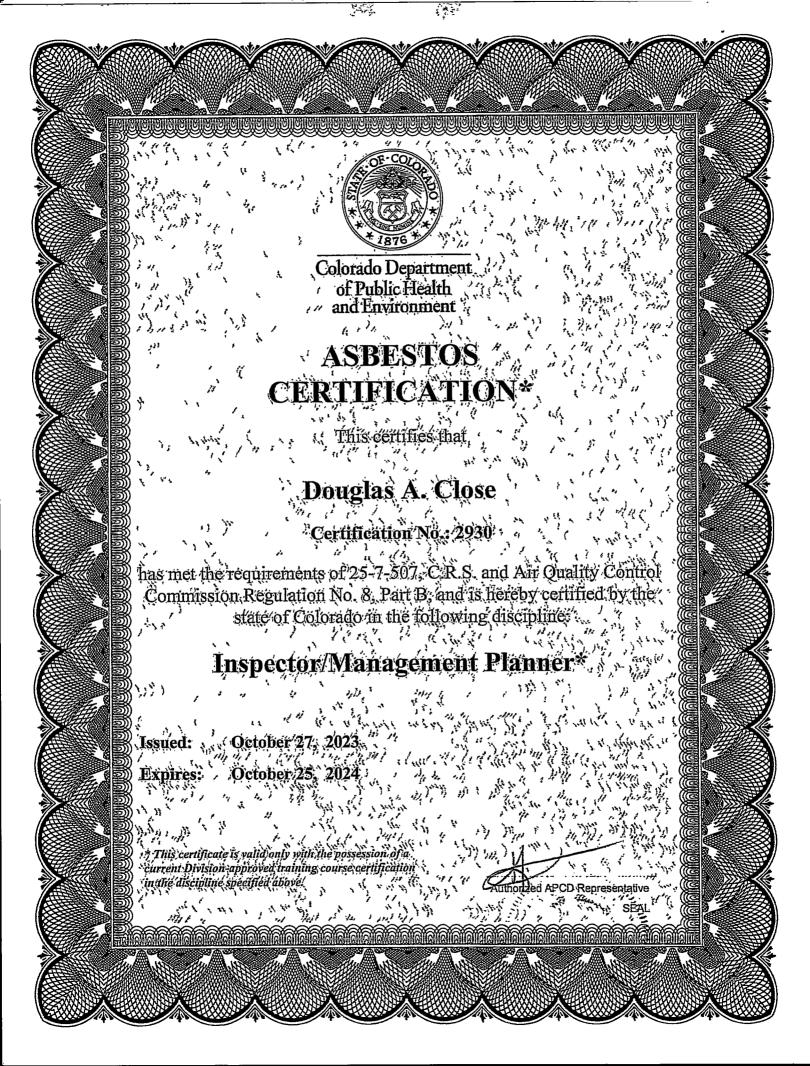
Phone: 225-751-5632 Fax: 225-751-5634 Mobile: 225-993-3471

Chain of Custody

Client Name:	Phase Con Enviro	nmentai Consultan	ts, uc CA I	abs job#	CBR 2	10/03	6	
Client Address:	2166 Peregrine C	ourt	Billin	ng Address:	Same			
	Grand Junction, C		(if di	fferent)				
		•						
phone number:	970-260-3341							
fax number:	888-966-0231		Send	Reports to:	Douglas Clo	SE O	· · · · · · · · · · · · · · · · · · ·	- 1
Project Number			Proje	ect Name:	784	4 Pa	Herson	Road
2.1.03.101.1			Repo	rts Results		•		
Contact:	Douglas Close			VIA:	EMAIL	FAX	_VERBAL	
Total # Sampl	ec Submitted.	Total # Sa	mples to be	Analyzed	N	aterial M	atrix:	i I
Idlat # Gampi	32		32	•	A	ir / Bulk)	Water	
	20							ļ
Asbestos:		please ca	all ahead for a	availability of	all rush and	or after ho	urs samples.	•
TEM	TA Time	PL	M	TA Time	Optica	1/IAQ	TA Time	
Circle analysis and TA Lin	ræ	Circle analysis an	d TA time	2 hour	Allergen	Particle:	2 hour	
AHERA	4 hour	Improved		4 hour	tape/bulk	/swab	4 hour	
EPA Level II	8 hour	Interim		8 hour Cycles		yclex-d cassettes 8 hour		
Drinking Water	r 16 hour			16 hour	Air-o-cell cassettes		16 hour	
Wipe	24 hour AHERA			24 hour	Anderson cultures 24 hour			
Micro-vac	2 days			2 days Bulk/swab cultur		b cultures	2 days	
NIOSH 7402	3 days	Point Cou	nt -	3 days	Bacteria	cultures	3 days	
Chatfield Bulk	5 days	(NESHAP	S)	5 days	PCM: NI	OSH 7400	5-10 days	<u> </u>
<u> </u>								
Lead: G	Paint Chips	Soil	Air	Wip	es Wa	stewater	TCLP]
					ys 5 days		6-10 days	1
TA Time:	8 hour	1 day	Zuays		, ,	3 4435	0 10 111,1	<u> 1</u>
Sample Information	00.							
Sample Numi		ample Locati	on:	Sample D	ate/Time:	Sample	Volume (L)	77086500
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	01.5	, - /						

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Colorado Department
of Public Health
and Environment

ASBESTOS ** CERTIFICATION*

This certifies that

Douglas A. Close

Certification No.: 2930

has met the requirements of 25-7-507. C.R.S. and Air Quality Control.
Commission Regulation No. 8, Part B, and is hereby certified by the
state of Colorado in the following discipline:

Project Designer*

Issued: / October 27, 2023

Expires: October 25, 2024

*This certificate is valid only with the possession of a current Division-approved training course certification in the discipling specified above:

Authorized APCD Representative

SEAL



Colorado Department of Public Health' and Environment !

ASBESTOS * CERTIFICATION*

This certifies that

Douglas A. Close

Certification No.: 2930

has met the requirements of 25-7-507, C.R.S. and Air Quality Control Commission Regulation No. 8, Part B, and is hereby certified by the state of Colorado in the following discipline.

Air Monitoring Specialist*

Issued: October 27, 2023

Expires: October 25, 2024

* This certificate is valid only with the possession of a current Division approved training course certification in the discipline specified above.

Authorized APCD Representative

SEAL



Colorado Department and Environment of Public Health

ASBESTOS CONSULTING FIRM

This certifies that

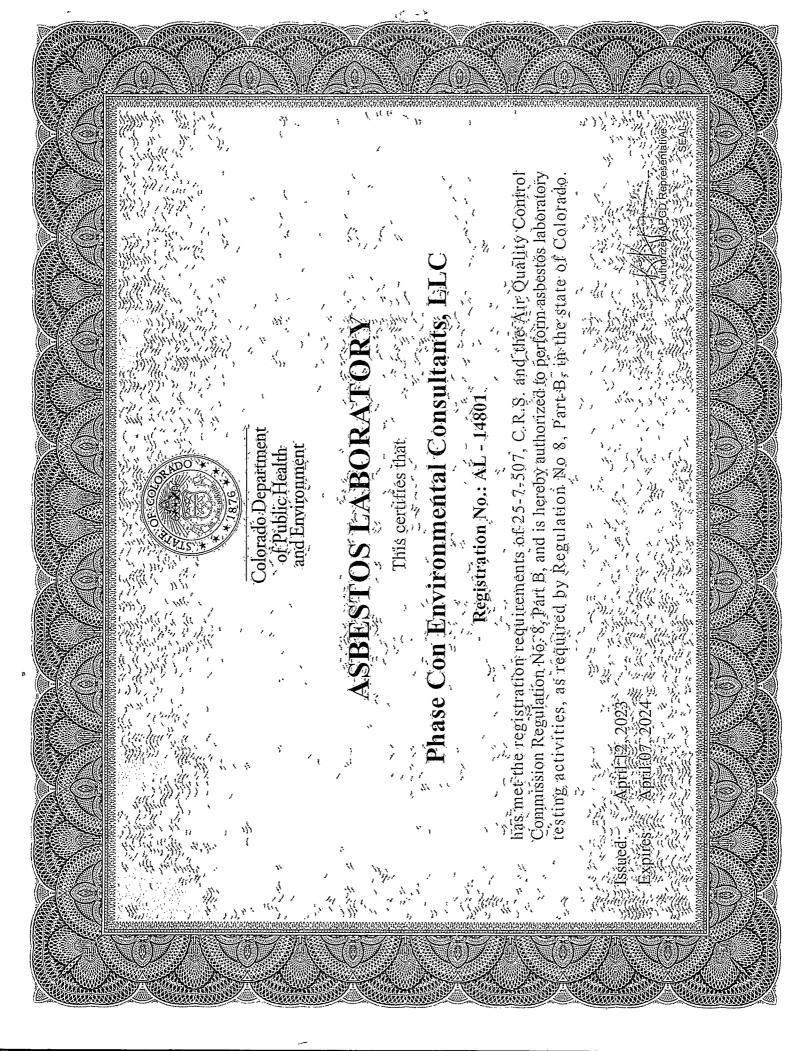
Phase Con Environmental Consultants, LLC

Registration No.: ACF - 14801

Commission Regulation No. 8, Part B, and is hereby authorized to perform asbestos consulting activities as required under Regulation No 8, Part B, in the state of Colorado. has met the registration requirements of 25-7-507, C.R.S. and the Air Quality Control

January 30, 2023 Issued:

January 30, 2024 Expires:





Colorado Department of Public Health and Environment

ASBESTOS LABORATORY

This certifies that

CA Labs, LLC

Registration No.: AL - 27819

has met the registration requirements of 25-7-507, C.R.S. and the Arr Quality Control Commission Regulation No. 8, Part B, and is hereby authorized to perform asbestos laboratory testing activities, as required by Regulation No. 8, Part B, in the state of Colorado.

Issued: April 28, 2023

Expires; May 12, 2024

Authorized APCD Representative

National Institute of Standards and Technology United States Department of Commerce



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 200772-0

CA Labs L.L.C.

Baton Rouge, LA

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. management system (refer to joint ISO-ILAC-IAF Communique dated January 2009)

2024-01-01 through 2024-12-31

Effective Dates





For the National Voluntax Laboratox Accreditation Program