AGENDA ITEM or FINAL CONTRACT REVIEW SUBMITTAL FORM

Agenda Item: Application; Categorical Exclusion (CATEX); FAA

Action Requested: County Manager Signature

Parties to the Agreement: Gunnison County and the Federal Aviation Administration

Term Begins: **Term Ends:** **Grant Contract #:**

Summary:

FAA application to request a CATEX (categorical exclusion) for the Airport Terminal Expansion Project

Fiscal Impact: N/A

Submitted by: Stephanie Williams **Submitter's Email Address:** swilliams@gunnisoncounty.org

Finance Review: ○ Required ◉ Not Required

Comments:

Reviewed by: Discharge Date:

County Attorney Review: ◉ Required ○ Not Required

Comments:
ok db 3/27/19

Reveiwed by: GUNCOUNTY1\dBaumgarten Discharge Date: 3/27/2019 Certificate of Insurance Required Yes ○ No ◉

County Manager Review:

Comments:

Reveiwed by: GUNCOUNTY1\mbirnie Discharge Date: 3/27/2019

◉ Consent Agenda ○ Regular Agenda ○ Worksession Time Allotted: 0

Agenda Date: 4/2/2019

Revised April 2015

APPENDIX A. DOCUMENTED CATEX

Airport sponsors may use this form for projects eligible for a categorical exclusion (CATEX) that have greater potential for extraordinary circumstances or that otherwise require additional documentation, as described in the Environmental Orders (FAA Order 1050.1F and FAA Order 5050.4B).

To request a CATEX determination from the FAA, the sponsor should review potentially affected environmental resources, review the requirements of the applicable special purpose laws, and **consult with the Airports District Office or Regional Airports Division Office staff** about the type of information needed. The form and supporting documentation should be completed in accordance with the provisions of FAA Order 5050.4B, paragraph 302b, and submitted to the appropriate FAA Airpor5ts District/Division Office. The CATEX cannot be approved until all information/documentation is received and all requirements have been fulfilled.

Name of Airport, LOC ID, and location:

Gunnison-Created Butte Regional Airport (GUC), Gunnison, Colorado

Project Title:

Airport Terminal Expansion

Give a brief, but complete description of the proposed project, including all project components, justification, estimated start date, and duration of the project. Include connected actions necessary to implement the proposed project (including but not limited to moving NAVAIDs, change in flight procedures, haul routes, new material or expanded material sources, staging or disposal areas). Attach a sketch or plan of the proposed project. Photos can also be helpful.

The proposed project is a renovation and expansion of the existing terminal building at GUC. The project includes reconfiguration of existing interior spaces to:

1.) Improve code compliance issues for access and egress and restrooms,

2.) Reconfigure spaces to provide TSA passenger and baggage screening areas,

3.) Increase hold room space with additional second floor area (10,000 SF within existing building envelope),

4.) Relocate existing jet bridge to fit new aircraft fleet configuration on the air carrier apron, and

5.) Possible 1,500 square foot expansion to the west.

The proposed terminal improvements would assist the airport in operating at the required level of service by addressing shortfalls in code and facility requirements.

It is anticipated the proposed construction will occur from 2020 to 2023.

Give a brief, but complete, description of the proposed project area. Include any unique or natural features within or surrounding airport property.

The proposed project will occur on airport owned property that has been previously disturbed and is currently paved and developed. There are no unique or natural features noted within the project area or the area surrounding the project.

Identify the appropriate CATEX paragraph(s) from Order 1050.1F (paragraph 5-6.1 through 5-6.6) or 5050.4B (Tables 6-1 and 6-2) that apply to the project. Describe if the project differs in any way from the specific language of the CATEX or examples given as described in the Order.

Order 1050.1F, Paragraph 5-6. 4h

The circumstances one must consider when documenting a CATEX are listed below along with each of the impact categories related to the circumstance. Use FAA Environmental Orders 1050.1F, 5050.4B, and the Desk Reference for Airports Actions, as well as other guidance documents to assist you in determining what information needs to be provided about these resource topics to address potential impacts. Keep in mind that both construction and operational impacts must be included. Indicate whether or not there would be any effects under the particular resource topic and, **if needed**, cite available references to support these conclusions. Additional analyses and inventories can be attached or cited as needed.

5-2.b(1) National Historic Preservation Act (NHPA) resources

	YES	NO
Are there historic/cultural resources listed (or eligible for listing) on the National Register of Historic Places located in the Area of Potential Effect? If yes, provide a record of the historic and/or cultural resources located therein and check with your local Airports Division/District Office to determine if a Section 106 finding is required. Searches for recorded sites have provided 130 previously recorded sites within a mile of GUC however none of these properties are included the existing terminal site. Further, all proposed project areas occur within the existing terminal pad of paved and developed areas. Finally, the oldest portion of the existing terminal building was constructed in the 1970's (less than 50 years old) and has had significant additions and renovations since.	☐	☒
Does the project have the potential to cause effects? If yes, describe the nature and extent of the effects. No historic properties are located within or adjacent to the proposed project area.	☐	☒
Is the project area undisturbed? If not, provide information on the prior disturbance (including type and depth of disturbance, if available) The proposed project area has been previously disturbed.	☐	☒

	YES	NO
Will the project impact tribal land or land of interest to tribes? If yes, describe the nature and extent of the effects and provide information on the tribe affected. Consultation with their THPO or a tribal representative along with the SHPO may be required.	☐	☒

5-2.b(2) Department of Transportation Act Section 4(f) and 6(f) resources

	YES	NO
Are there any properties protected under Section 4(f) (as defined by FAA Order 1050.1F) in or near the project area? This includes publicly owned parks, recreation areas, and wildlife or waterfowl refuges of national, state or local significance or land from a historic site of national, state or local significance. No 4(f) properties are known to exist on near airport property.	☐	☒
Will project construction or operation physically or constructively "use" any Section 4(f) resource? If yes, describe the nature and extent of the use and/or impacts, and why there are no prudent and feasible alternatives. See 5050.4B Desk Reference Chapter 7.	☐	☒
Will the project affect any recreational or park land purchased with Section 6(f) Land and Water Conservation Funds? If so, please explain, if there will be impacts to those properties.	☐	☒

5-2.b(3) Threatened or Endangered Species

	YES	NO
Are there any federal or state listed endangered, threatened, or candidate species or designated critical habitat in or near the project area? This includes species protected by individual statute, such as the Bald Eagle. According to the USFWS IPaC website, there are eight species protected by the Endangered Species Act that could be found in the area.	☐	☒

	YES	NO
Does the project affect or have the potential to affect, directly or indirectly, any federal or state-listed, threatened, endangered or candidate species, or designated habitat under the Endangered Species Act? If yes, Section 7 consultation between the FAA and the US Fish & Wildlife Service, National Marine Fisheries Service, and/or the appropriate state agency will be necessary. Provide a description of the impacts and how impacts will be avoided, minimized, or mitigated. Provide the Biological Assessment and Biological Opinion, if required. The proposed project area is within the existing building envelop, which does not provide adequate habitat for protected resources.	☐	☒
Does the project have the potential to take birds protected by the Migratory Bird Treaty Act? Describe steps to avoid, minimize, or mitigate impacts (such as timing windows determined in consultation with the US Fish & Wildlife Service). The proposed project area is within the existing building envelop, which does not provide adequate habitat for protected birds.	☐	☒

5-2.b (4) Other Resources

Items to consider include:

a. Fish and Wildlife Coordination Act	**YES**	**NO**
Does the project area contain resources protected by the Fish and Wildlife Coordination Act? If yes, describe any impacts and steps taken to avoid, minimize, or mitigate impacts.	☐	☒
b. Wetlands and Other Waters of the U.S.	**YES**	**NO**
Are there any wetlands or other waters of the U.S. in or near the project area? The proposed project will occur on land that is already paved and developed with no present wetlands. There are wetlands in the vicinity of the project area.	☐	☒
Has wetland delineation been completed within the proposed project area? If yes, please provide U.S. Army Corps of Engineers (USACE) correspondence and jurisdictional determination. If delineation was not completed, was a field check done to confirm the presence/absence of wetlands or other waters of the U.S.? If no to both, please explain what methods were used to determine the presence/absence of wetlands.	☐	☒
If wetlands are present, will the project result in impacts, directly or indirectly (including tree clearing)? Describe any steps taken to avoid, minimize or mitigate the impact. The project will not result in any direct/indirect impacts to wetlands.	☐	☒
Is a USACE Clean Water Act Section 404 permit required? If yes, does the project fall within the parameters of a general permit? If so, which general permit?	☐	☒
c. Floodplains	**YES**	**NO**
Will the project be located in, encroach upon or otherwise impact a floodplain? If yes, describe impacts and any agency coordination or public review completed including coordination with the local floodplain administrator. Attach the FEMA map if applicable and any documentation. According to the Federal Emergency Management Agency, GUC is not located within a flood zone, nor will the proposed project change the existing drainage patterns.	☐	☒

d. Coastal Resources	YES	NO
Will the project occur in or impact a coastal zone as defined by the State's Coastal Zone Management Plan? If yes, discuss the project's consistency with the State's CZMP. Attach the consistency determination if applicable.	☐	☒
Will the project occur in or impact the Coastal Barrier Resource System as defined by the US Fish and Wildlife Service?	☐	☒
e. National Marine Sanctuaries	**YES**	**NO**
Is a National Marine Sanctuary located in the project area? If yes, discuss the potential for the project to impact that resource.	☐	☒
f. Wilderness Areas	**YES**	**NO**
Is a Wilderness Area located in the project area? If yes, discuss the potential for the project to impact that resource.	☐	☒
g. Farmland	**YES**	**NO**
Is there prime, unique, state, or locally important farmland in/near the project area? Describe any significant impacts from the project. The proposed project area is developed and not utilized for agricultural activities.	☐	☒
Does the project include the acquisition and conversion of farmland? If farmland will be converted, describe coordination with the US Natural Resources Conservation and attach the completed Form AD-1006. The proposed project does not include any land acquisition.	☐	☒

h. Energy Supply and Natural Resources	YES	NO
Will the project change energy requirements or use consumable natural resources either during construction or during operations? The proposed project will consume water, fuel, and building materials during construction; however, this increase in consumption will be short-term, temporary, and will not result in a shortage in resources in the area. Once operational, the renovations are completed the terminal will likely consume the same amount of energy with the expectation that the additions and renovated areas will operate more efficiently.	☒	☐
Will the project change aircraft/vehicle traffic patterns that could alter fuel usage either during construction or operations?	☐	☒
i. Wild and Scenic Rivers	**YES**	**NO**
Is there a river on the Nationwide Rivers Inventory, a designated river in the National System, or river under State jurisdiction (including study or eligible segments) near the project? Closest wild and scenic river is Cache La Poudre and is located about 150 miles northeast of project area.	☐	☒
Will the project directly or indirectly affect the river or an area within ¼ mile of its ordinary high water mark?	☐	☒
j. Solid Waste Management	**YES**	**NO**
Does the project (either the construction activity or the completed, operational facility) have the potential to generate significant levels of solid waste? If so, discuss how these will be managed. Gunnison County requires steel solid waste to be stockpiled and recycled. Wood and other materials will be disposed of in the county landfill with prior coordination of Gunnison County landfill management It is not anticipated that the amount of solid waste will be significant and can likely be accommodated by the local landfill.	☐	☒

5-2.b(5) Disruption of an Established Community

	YES	NO
Will the project disrupt a community, planned development or be inconsistent with plans or goals of the community?	☐	☒
Are residents or businesses being relocated as part of the project? No businesses will be permanently relocated as a result of the proposed project. The tenants (airlines) will have a constricted working area during the construction process; however, an acceptable phasing plan for the project will be completed prior to construction starting. Terminal concessionaires might be temporarily shifted in the existing terminal to facilitate construction phases.	☐	☒

5-2.b(6) Environmental Justice

	YES	NO
Are there minority and/or low-income populations in/near the project area?	☐	☒
Will the project cause any disproportionately high and adverse impacts to minority and/or low-income populations? Attach census data if warranted.	☐	☒

5-2.b(7) Surface Transportation

	YES	NO
Will the project cause a significant increase in surface traffic congestion or cause a degradation of level of service provided? As majority of construction will occur within terminal building, significant impacts to traffic flow are not expected. Rehab of terminal curbside access will delineate parking and travel lanes with limit impact to traffic flows.	☐	☒
Will the project require a permanent road relocation or closure? If yes, describe the nature and extent of the relocation or closure and indicate if coordination with the agency responsible for the road and emergency services has occurred.	☐	☒

5-2.b(8) Noise

	YES	NO
Will the project result in an increase in aircraft operations, nighttime operations, or change aircraft fleet mix?	☐	☒
Will the project cause a change in airfield configuration, runway use, or flight patterns either during construction or after the project is implemented?	☐	☒
Does the forecast exceed 90,000 annual propeller operations, 700 annual jet operations or 10 daily helicopter operations or a combination of the above? If yes, a noise analysis may be required if the project would result in a change in operations. As per 2016 Master Plan, GUC recorded 2,137 business jet operations in 2014. Proposed project will not result in a change in number of jet operations and therefore there will be no change to noise generation.	☐	☒
Has a noise analysis been conducted, including but not limited to generated noise contours, a specific point analysis, area equivalent method analysis, or other screening method. If yes, provide that documentation. 2016 Master Plan noise analysis attached.	☒	☐
Could the project have a significant impact (DNL 1.5 dB or greater increase) on noise levels over noise sensitive areas within the 65+ DNL noise contour?	☐	☒

5-2.b(9) Air Quality

	YES	NO
Is the project located in a Clean Air Act non-attainment or maintenance area?	☐	☒
If yes, is it listed as exempt, presumed to conform or will emissions (including construction emissions) from the project be below *de minimis* levels (provide the paragraph citation for the exemption or presumed to conform list below, if applicable) Is the project accounted for in the State Implementation Plan or specifically exempted? Attach documentation.	☐	☐

	YES	NO
Does the project have the potential to increase landside or airside capacity, including an increase of surface vehicles?	☐	☒
Could the project impact air quality or violate local, State, Tribal or Federal air quality standards under the Clean Air Act Amendments of 1990 either during construction or operations? The completed project will not change the airport's operational emissions. The project construction will result in short-term, temporary and localized emissions localized to airport property. As a result, it is not anticipated the project will impact air quality.	☐	☒

5-2.b (10) Water Quality

	YES	NO
Are there water resources within or near the project area? These include groundwater, surface water (lakes, rivers, etc.), sole source aquifers, and public water supply. If yes, provide a description of the resource, including the location (distance from project site, etc.). Tomichi Creek is located to the southeast (just under a mile) and the Gunnison River is located about a mile to the west. There are no water resources within the project area.	☐	☒
Will the project impact any of the identified water resources either during construction or operations? Describe any steps that will be taken to protect water resources during and after construction.	☐	☒
Will the project increase the amount or rate of stormwater runoff either during construction or during operations? Describe any steps that will be taken to ensure it will not impact water quality.	☐	☒
Does the project have the potential to violate federal, state, tribal or local water quality standards established under the Clean Water and Safe Drinking Water Acts?	☐	☒
Are any water quality related permits required? If yes, list the appropriate permits.	☐	☒

5-2.b(11) Highly Controversial on Environmental Grounds

	YES	NO
Is the project highly controversial? The term "highly controversial" means a substantial dispute exists as to the size, nature, or effect of a proposed federal action. The effects of an action are considered highly controversial when reasonable disagreement exists over the project's risks of causing environmental harm. Mere opposition to a project is not sufficient to be considered highly controversial on environmental grounds. Opposition on environmental grounds by a federal, state, or local government agency or by a tribe or a substantial number of the persons affected by the action should be considered in determining whether or not reasonable disagreement exists regarding the effects of a proposed action.	☐	☒

5-2.b(12) Inconsistent with Federal, State, Tribal or Local Law

	YES	NO
Will the project be inconsistent with plans, goals, policy, zoning, or local controls that have been adopted for the area in which the airport is located?	☐	☒
Is the project incompatible with surrounding land uses?	☐	☒

5-2 .b (13) Light Emissions, Visual Effects, and Hazardous Materials

a. Light Emissions and Visual Effects	**YES**	**NO**
Will the proposed project produce light emission impacts?	☐	☒
Will there be visual or aesthetic impacts as a result of the proposed project and/or have there been concerns expressed about visual/aesthetic impacts?	☐	☒
b. Hazardous Materials	**YES**	**NO**
Does the project involve or affect hazardous materials? 2018 Asbestos study revealed small trace of asbestos in caulking of less than 6 windows on south side of terminal. (Report Attached)	☒	☐

Will construction take place in an area that contains or previously contained hazardous materials? The existing terminal building was constructed in the 1970's. In compliance with the Colorado Department of Public Health & Environment (CDPHE) requirements for demolition and remodeling work, a hazardous materials inventory will be performed in the areas to be remodeled to identify the presence of an asbestos containing materials. Any controlled materials identified in this study will be removed according to the requirements of the CDPHE. This study will be completed prior to construction.	☐	☒
If the project involves land acquisition, is there a potential for this land to contain hazardous materials or contaminants? The proposed project does not include the acquisition of any land.	☐	☒
Will the proposed project produce hazardous and/or solid waste either during construction or after? If yes, how will the additional waste be handled? During construction it is likely some solid waste will be generated. Gunnison County requires steel solid waste to be stockpiled and recycled. Wood and other materials will be disposed of in the county landfill with prior coordination of Gunnison County landfill management.	☒	☐

5-2 .b (14) Public Involvement

	YES	NO
Was there any public notification or involvement? If yes, provide documentation. 2016 Airport Master Plan process required several public meetings and TAC involvement that revealed the need of the airport terminal upgrade.	☒	☐

5-2 .b (15) Indirect/Secondary/Induced Impacts

	YES	NO
Will the project result in indirect/secondary/induced impacts?	☐	☒
When considered with other past, present, and reasonably foreseeable future projects, on or off airport property and regardless of funding source, would the proposed project result in a significant cumulative impact?	☐	☒

Permits

List any permits required for the proposed project that have not been previously discussed. Provide details on the status of permits.

All required permits will be obtained during design and bidding, prior to construction.

Environmental Commitments

List all measures and commitments made to avoid, minimize, mitigate, and compensate for impacts on the environment, which are needed for this project to qualify for a CATEX.

Preparer Information

Point of Contact: Rick Lamport, Airport Manager		
Address: 519 Rio Grande Ave		
City: Gunnison	**State:** Colorado	**Zip Code:** 81230
Phone: 970-642-7388	**Email Address:** rlamport@gunnisoncounty.org	

Signature: _____ Date: 3/25/2019

Airport Sponsor Information and Certification (may not be delegated to consultant)

Provide contact information for the designated sponsor point of contact and any other individuals requiring notification of the FAA decision.

Point of Contact: Rick Lamport, Airport Manager		
Address: 519 Rio Grande Ave		
City: Gunnison	**State:** Colorado	**Zip Code:** 81230
Phone Number: 970 642-7388	**Email Address**: rlamport@gunnisoncounty.org	
Additional Name(s): Matthew Birnie, County Manager	**Additional Email Address(es):** mbirnie@gunnisoncounty.org	

I certify that the information I have provided above is, to the best of my knowledge, correct. I also recognize and agree that no construction activity, including but not limited to site preparation, demolition, or land disturbance, shall proceed for the above proposed project(s) until FAA issues a final environmental decision for the proposed project(s) and until compliance with all other applicable FAA approval actions (e.g., ALP approval, airspace approval, grant approval) has occurred.

Signature:_____ Date:

FAA Decision

Having reviewed the above information, it is the FAA's decision that the proposed project (s) or development warrants environmental processing as indicated below.

Name of Airport, LOC ID, and location:

Project Title:

☐ No further NEPA review required. Project is categorically excluded per (cite applicable 1050.1.F CATEX that applies:)

☐..An Environmental Assessment (EA) is required.

☐..An Environmental Impact Statement (EIS) is required.

☐..The following additional documentation is necessary for FAA to perform a complete environmental evaluation of the proposed project.

Name: Title:

Responsible FAA Official

Signature: _____ Date:

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) Report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS Report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of the FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study Report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on the FIRM.

Boundaries of the floodways were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study Report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study Report for information on flood control structures for this jurisdiction.

The projection used in the preparation of this map was Universal Transverse Mercator (UTM) zone 13. The horizontal datum was NAD 83, GRS 1980 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversions between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at http://www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, N/NGS12
National Geodetic Survey
SSMC-3 #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

To obtain current elevation, description, and/or location information for bench marks shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242, or visit its website at http://www.ngs.noaa.gov.

Base map information shown on this FIRM was derived from NAIP Orthophotography produced with a one meter ground resolution from photography dated 2009.

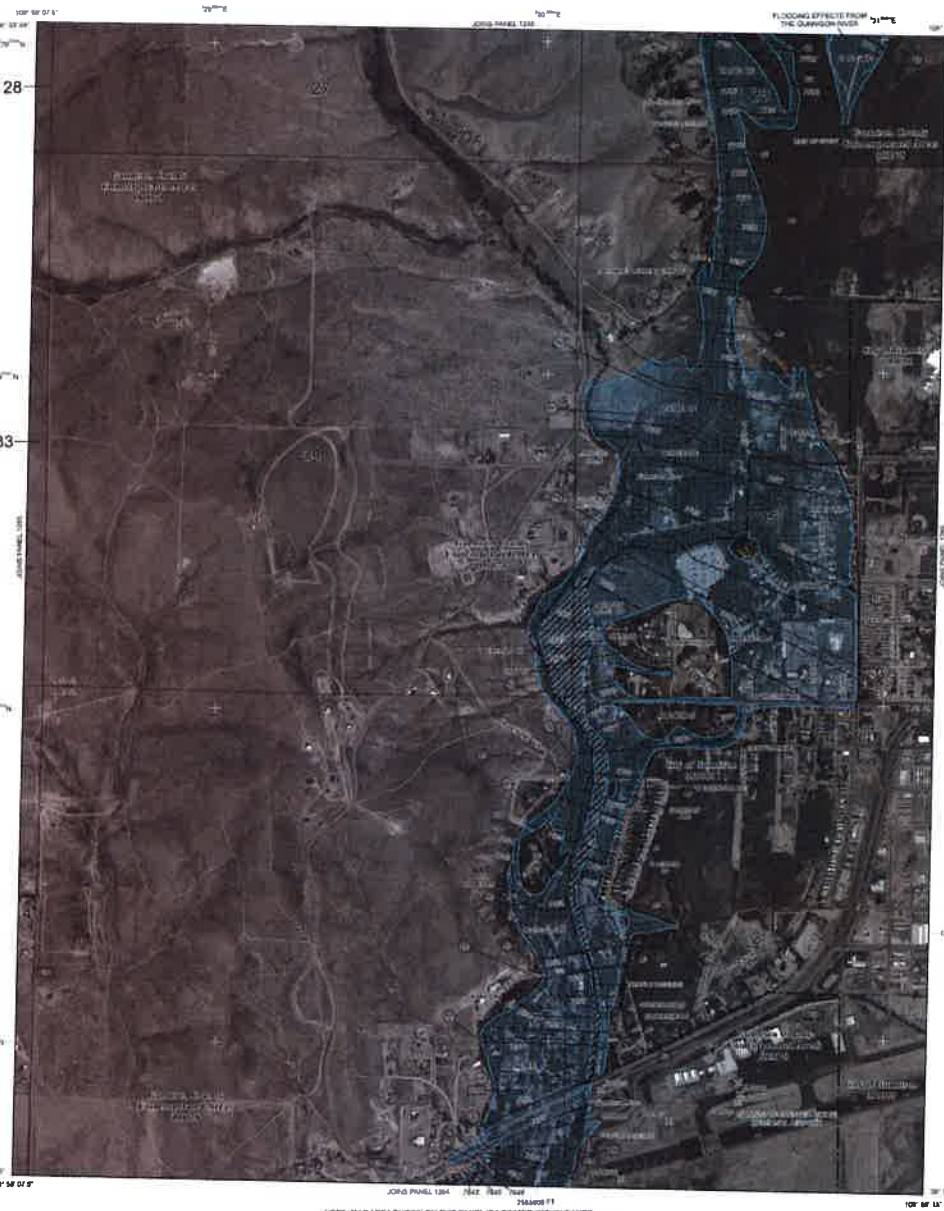
This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables for multiple streams in the Flood Insurance Study Report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed Map Index for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

For information on available products associated with this FIRM visit the Map Service Center (MSC) website at http://msc.fema.gov. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have questions about this map, how to order products, or the National Flood Insurance Program in general, please call the FEMA Map Information eXchange (FMIX) at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA website at http://www.fema.gov/business/nfip.



NOTE: MAP AREA SHOWN ON THIS PANEL IS LOCATED WITHIN RANGE 1 WEST.

LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the Base Flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A	No Base Flood Elevations determined.
ZONE AE	Base Flood Elevations determined.
ZONE AH	Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
ZONE AO	Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
ZONE AR	Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
ZONE A99	Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
ZONE V	Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
ZONE VE	Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a river plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X	Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE D	Areas determined to be outside the 0.2% annual chance floodplain.
ZONE E	Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% Annual Chance Floodplain Boundary

0.2% Annual Chance Floodplain Boundary

Floodway Boundary

Zone D Boundary

CBRS and OPA Boundary

Boundary dividing Special Flood Hazard Areas Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood velocities.

513	Base Flood Elevation line and value; elevation in feet*
(EL 987)	Base Flood Elevation value where uniform within zone; elevation in feet*

*Referenced to the North American Vertical Datum of 1988

(A) (A) Cross section line

(23) - - - - - (23) Transect line

97° 07' 30" 32° 22' 30" Geographic coordinates referenced to the North American Datum of 1983 (NAD 83) Western Hemisphere

4275000 FT 1000-meter Universal Transverse Mercator grid values, zone 13

2000000 FT 600-meter State Plane Coordinate System grid values, Colorado State Plane Central Zone (FIPS Zone 0502), Lambert Conformal Conic projection

X Bench mark (see explanation in Notes to Users section of this FIRM panel)

River Mile

MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE
FLOOD INSURANCE RATE MAP
May 16, 2013

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 500'

250 0 250 500 FEET
50 0 50 100 METERS

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 1263D

FIRM

FLOOD INSURANCE RATE MAP

GUNNISON COUNTY, COLORADO AND INCORPORATED AREAS

PANEL 1263 OF 1878

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
GUNNISON, COUNTY OF	080051	1263	D
GUNNISON, CITY OF	080118	1263	D
[illegible]	[illegible]	[illegible]	[illegible]

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
08051C1263D

EFFECTIVE DATE
MAY 16, 2013

Federal Emergency Management Agency

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) Report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS Report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study Report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study Report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study Report for information on flood control structures for this jurisdiction.

The projection used in the preparation of this map was Universal Transverse Mercator (UTM) zone 13. This **horizontal datum** was NAD 83, GRS 1980 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at http://www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, N/NGS12
National Geodetic Survey
SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at (301) 713-3242 or visit its website at http://www.ngs.noaa.gov.

Base map information shown on this FIRM was derived from NAIP Orthoimagery produced with a one meter ground resolution from photography dated 2009.

This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data **tables** for multiple streams in the Flood Insurance Study Report (which contains authoritative hydraulic **data**) may reflect stream channel distances that differ from what is shown on this map.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

For information on available products associated with this FIRM visit the Map Service Center (MSC) website at http://msc.fema.gov. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have questions about this map, how to order products, or the National Flood Insurance Program in general, please call the FEMA Map Information eXchange (FMIX) at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA website at http://www.fema.gov/business/nfip.

LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood, also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water surface elevation of the 1% annual chance flood.

ZONE A No Base Flood Elevations determined.

ZONES AE, AH Base Flood Elevations determined.

ZONE AH Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.

ZONE AO Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.

ZONE AR Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.

ZONE A99 Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.

ZONE V Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.

ZONE VE Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X Areas determined to be outside the 0.2% annual chance floodplain.

ZONE D Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% Annual Chance Floodplain Boundary

0.2% Annual Chance Floodplain Boundary

Floodplain Boundary

Zone D Boundary

CBRS and OPA Boundary

Boundary dividing Special Flood Hazard Areas (Zones AE and AH), Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood velocities.

Base Flood Elevation line and value; elevation in feet*

(EL 987) Base Flood Elevation value where uniform within zone; elevation in feet*

*Referenced to the North American Vertical Datum of 1988

(A) (A) Cross section line

(23) (23) Transect line

45° 02' 30", 93° 02' 12" Geographic coordinates referenced to the North American Datum of 1983 (NAD 83) western hemisphere

2 1000000 FT 5000000 FT Ticks and tick labels: Colorado State Plane Central Zone (FIPS Zone 0502), Lambert Conformal Conic projection

DX56 ★ Bench mark (see explanation in Notes to Users section of this FIRM panel)

River Mile

MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTY-WIDE
FLOOD INSURANCE RATE MAP
May 16, 2013

EFFECTIVE DATES OF REVISED PANELS

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 500'

500 0 500 1000 FEET

150 0 150 300 METERS

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 1266D

FIRM

FLOOD INSURANCE RATE MAP

GUNNISON COUNTY, COLORADO AND INCORPORATED AREAS

PANEL 1266 OF 1975

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
GUNNISON, CITY OF	080076	1266	D
GUNNISON COUNTY, UNINCORPORATED AREAS	080076	1266	D

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
08051C1266D

EFFECTIVE DATE
MAY 16, 2013

Federal Emergency Management Agency

Figure 3-4. 2014 DNL Contours

Source: KB Environmental Sciences, Inc.

ASBESTOS SURVEY REPORT

Gunnison County – Gunnison-Crested Butte Regional Airport Terminal Building
Gunnison, Colorado

Prepared for:

Mr. Rick Lamport
Airport Manager
Gunnison – Crested Butte Regional Airport
711 W. Rio Grande
Gunnison, Colorado 81230

Prepared by:

Apex Companies, LLC
814 Sunset Road
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Apex Project No. 5578

June 27, 2018

Prepared by:

Chris Thompson
CDPHE Building Inspector 5923

Reviewed by:

Lyle Ardourel
Asbestos Program Manager

EXECUTIVE SUMMARY

Gunnison County retained Apex Companies, LLC (Apex) to conduct a limited asbestos containing materials (ACM) survey of the Gunnison - Crested Butte Regional Airport, located in Gunnison, Colorado (facility). The scope of this inspection was to obtain bulk samples of suspect materials to identify ACM for proposed renovation of the facility. The Environmental Protection Agency (EPA) defines ACM as a material containing greater than one percent asbestos. Both friable and non-friable materials were sampled. A friable material is a material that, when dry, may be crumbled, pulverized, or reduced to powder by hand pressure. Because friable materials are more easily damaged and more likely to release fibers into the air, they are of greater concern than non-friable ACM.

The accessible interior areas of the facility were surveyed for suspect ACMs that may be damaged or disturbed during the proposed renovation construction activities. One hundred (100) bulk samples were collected from identified suspect ACMs, and analyzed by polarized light microscopy (PLM). The results indicated that the dark brown window caulking (2% chrysotile asbestos) located on windows located on the west addition, contained chrysotile asbestos.

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APPENDICES

Appendix A Asbestos Sample Location Drawings
Appendix B Asbestos Sample Summary Table
Appendix C Laboratory Report / Chain of Custody
Appendix D Photographs
Appendix E Certifications

1.0 INTRODUCTION

Gunnison County retained Apex Companies, LLC (Apex) to conduct an asbestos survey of the Gunnison – Crested Butte Regional Airport, located in Gunnison, Colorado (facility). The scope of this inspection was to obtain samples of the facility for proposed renovation. Asbestos Sample Location Drawings are provided in **Appendix A.** The areas were inspected and sampled for the presence of suspect asbestos containing materials (ACMs) by Apex personnel on April 16th through 18th, 2018. The inspection services were conducted in accordance with the proposal executed between Gunnison County and Apex. An Asbestos Sample Summary Table is included in **Appendix B**.

Apex representative, Mr. Chris Thompson, conducted the inspection, assessment, and bulk sampling activities at the facility. Mr. Thompson is a Colorado Department of Public Health and Environment (CDPHE)-certified Asbestos Building Inspector. Mr. Thompson holds Certification No. 5923, with an expiration date of November 8, 2018.

Apex conducted a visual inspection of the facility for proposed renovation. During the visual inspection, Apex identified and collected samples of suspect ACMs and submitted them to an independent laboratory for analysis. Apex also assessed the current condition of the suspect ACMs at the time of inspection.

1.1 Building Description

The Annex Building is an approximately 25,000-square-foot building originally constructed circa 1985. The building is a two-story steel fabricated building. Flooring consists of concrete slab on grade with various flooring finishes. Wall systems consist of steel and drywall systems. Ceilings consist of suspended ceiling tile systems and finished drywall. Roofing materials are steel roofing panels.

2.0 ASBESTOS ASSESSMENT AND BULK SAMPLING METHODOLOGY

Survey and assessment protocols used were based on those adopted by the U.S. EPA, as detailed in the Asbestos Hazard Emergency Response Act (AHERA), 40 Code of Federal Regulations (CFR) 763, Subpart E, as referenced in the Occupational Safety and Health Administration (OSHA) Asbestos in Construction Standard (29 CFR 1926.1101). Asbestos bulk samples were collected and analyzed using the EPA's AHERA protocol, as follows:

- Sampling locations were chosen in a randomly distributed manner.
- All layers of suspected ACMs were sampled, with sample integrity maintained.
- Wherever possible, samples were collected from damaged areas to minimize fiber release.
- Each sample was placed in a clear plastic container, sealed, and labeled with a unique sample number. This number, along with other pertinent information, was recorded on the bulk sample chain of custody and field form.

The AHERA sampling protocol was used to determine the required number of samples for this survey based on function (surfacing, thermal system insulation, or miscellaneous materials) and homogeneous building materials. A homogeneous area is defined as an area where a suspect material is uniform in texture, color, and appears to be identical in every respect. Even if a material appears to be identical, but is found to be installed at different time periods, it would be treated as a different suspect material.

Since AHERA became law in 1986, it is considered the standard-of-the-industry approach for building survey assessments and the collection of suspect asbestos bulk samples. The AHERA protocol was used to determine functional areas and subsequent, homogeneous areas of construction in the building. There are three main kinds of material according to EPA sampling guidelines. They are, Surfacing Material, Thermal system Insulation, and Miscellaneous material. The classification bears implications for number of samples to be taken. For Surfacing material, there's the 3-5-7 rule, meaning 3 samples from less than 1,000 square feet area, 5 samples from 1,000 to 5,000 square feet area, and 7 samples from greater than 5,000 square feet area. For Thermal system material, with some exceptions, 3 samples should be taken for each homogeneous area. For Miscellaneous material, 1 to 3 samples, based upon the inspector's judgment.

The suspect and accessible materials that were observed at the site building were sampled per the protocol, described above. Apex developed a sampling strategy following a walk-through visual inspection of the building. This approach allowed the inspector to evaluate the construction of the building, as well as identify suspect homogeneous ACMs for sampling purposes. Once homogeneous suspect materials were identified, Apex began the collection of these materials for submission to the laboratory.

3.0 INSPECTING FOR ACM

The ACM survey was conducted on an area-by-area basis. Suspect materials that are homogeneous in nature (i.e., uniform in color and texture) were identified, touched to determine friability, and sampled by removing a small piece that was then placed in a labeled container. For a given homogeneous area, one or more samples were collected in a randomly distributed manner in accordance with AHERA Provisions (40 CFR 763.86), as referenced in the OSHA asbestos in construction standard (29 CFR 1926.1101).

Materials that were considered suspect were identified and the number of samples to be collected of these suspect materials was determined by the inspector using AHERA protocols. A list of homogeneous building materials identified for this survey is provided below.

Gunnison – Crested Butte Regional Airport:

Surfacing Materials	Material Description	Location
GA-TS01	White knock-down pattern texture on drywall	West Terminal 2nd floor
GA-TS02	White spatter pattern interior wall texture	West Terminal 2nd floor
GA-TS03	Trowel pattern interior wall texture	Lobby
GA-TS04	Heavy knock-down pattern interior wall texture	Offices 202 - 203
GA-TS05	Medium spatter interior wall texture	Offices 104 and 204
GA-TS06	Light spatter pattern interior wall texture	TSA Office 206
GA-TS07	Heavy sponge pattern interior wall texture	South wall of Lobby
GA-ST08	Sponge pattern interior wall texture	North center of the Terminal and entrances
GA-TS09	Smear pattern interior wall texture	Room 105
GA-TS10	Smooth interior wall texture	East Terminal and Restrooms
GA-TS11	Large spatter interior wall texture	101 Truck bay
Thermal Systems Insulation		
None		
Miscellaneous Materials		
GA-CA01	Yellow carpet adhesive	West Terminal 2nd floor
GA-LN01	Cream 2-inch square pattern linoleum with blue spots and tan paper backing	West Terminal 2nd floor restrooms
GA-LN02	Tan and blue 4-inch square pattern linoleum with white paper backing	West Terminal 2nd floor kitchen
GA-ST01	Tan step tread with tan mastic	East stairs
GA-ST02	Gray step tread with cream mastic	North stairs
GA-WC01	Dark brown window caulking	West Terminal
GA-SU01	Black sink undercoating	West Terminal 2nd floor kitchen
GA-CDW01	Composite drywall and joint compound	West Terminal 2nd floor
GA-CA02	Yellow carpet adhesive	Ticket Counter area
GA-FT01	Gray and blue 12-inch floor tile with clear mastic	Room 203, Kitchen
GA-PS01	White pipe sealant on fiberglass lines	Mech Rm 207

Miscellaneous Materials		
GA-FT03	Marron 12-inch floor tile with yellow mastic	Room 214 bar area
GA-FT04	Off-white 12-inch floor tile with yellow mastic	Restaurant
GA-GT	Gray ceramic tile grout	Restrooms
GA-CTA	White ceramic tile adhesive	Restrooms
GA-CBM	4-inch tan vinyl cove base with yellow mastic	Restaurant
GA-LN03	Gray pebble pattern linoleum with yellow adhesive	Room 211
GA-CDW	Composite drywall and joint compound	Throughout
GA-ST03	Brown step tread with tan mastic	NW stairs
GA-ST04	Red step tread with yellow mastic	Center stairs
GA-FT02	Gray 12-inch floor tile with yellow mastic	Room 106

4.0 STANDARD BULK SAMPLE LABORATORY ANALYSES

Bulk samples collected were analyzed utilizing the EPA's Interim Method for the Detection of Asbestos in Bulk Insulation Samples (EPA 600/M4-82020, June 1993) and the McCrone Research Institute's The Asbestos Particle Atlas, as method reference. Aerobiology Laboratory Associates, Inc., an independent laboratory accredited by the National Voluntary Accreditation Program (NVLAP) and the American Industrial Hygiene Association (AIHA) analyzed the samples utilizing Polarized Light Microscopy (PLM). The laboratory reports are provided in **Appendix C.**

Asbestos fiber content is estimated by optically comparing the quantity of non-asbestos material to asbestos fibers. The lower limit of reliable detection using PLM is one percent. Samples that contain more than 1% asbestos are reported in percent ranges. Samples that contain asbestos in a concentration lower than the limit of reliable detection (less than one percent) are reported as "trace" or "greater than one percent." Samples in which no asbestos is observed are reported as "None Detected."

If the asbestos content of a sample of friable asbestos is estimated to be 1% asbestos or less, but greater than 0%, CDPHE requires verification by a method other than visual estimation (such as point counting with PLM). If a result obtained by point counting is different from a result obtained by visual estimation, the point count result must be used. Tar impregnated samples do not have to be point counted.

5.0 INTERPRETATION OF ASBESTOS RESULTS

Bulk samples collected were analyzed utilizing the EPA's Interim Method for the Detection of Asbestos in Bulk Insulation Samples (EPA 600/M4-82020, June 1993) and the McCrone Research Institute's The Asbestos Particle Atlas, as method reference.

Material is considered by the EPA to be asbestos-containing if at least one sample collected from the homogeneous area shows asbestos present in an amount greater than one percent. A summary table of the inspection results and ACM materials is provided in **Appendix B**; photographs of the ACMs are provided in **Appendix D**; and inspector and laboratory certifications are provided in **Appendix E.**

The U.S. EPA National Emission Standards for Hazardous Air Pollutants (NESHAP) and Colorado Regulation No. 8, Part B regulations for asbestos apply to certain demolition and renovation projects in facilities containing ACM and/or assumed ACM. The NESHAP rule and Colorado Regulation No. 8, Part B usually require that all friable ACM and some categories of non-friable ACM be removed before a building is demolished, and may require localized removal before, or as part of, a renovation. For renovation projects, where friable ACM will be disturbed, the NESHAP rule and Colorado Regulation No. 8, Part B may require appropriate work practices or procedures for the control of emissions. The following U.S. EPA NESHAP definitions of ACM are important in interpreting which NESHAP requirements that could apply.

- *Friable asbestos-containing material:* any material containing more than one percent asbestos that, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.
- *Category I non-friable asbestos-containing material:* asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than one percent asbestos that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.
- *Category II non-friable asbestos-containing material:* any material excluding Category I nonfriable ACM, containing more than one percent asbestos that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.
- *Regulated asbestos-containing material* (RACM): (1) friable ACM, (2) Category I nonfriable ACM that has become friable, (3) Category I nonfriable ACM that will be, or has been, subjected to sanding, grinding, cutting, or abrading, or (4) Category II non-friable ACM that has a high probability of becoming, or has become, crumbled, pulverized, or reduced to powder by the forces expected to act on the materials in the course of demolition or renovation operations regulated by NESHAP.

6.0 STATEMENT OF INACCESSIBLITY AND LIMITED ACCESS SPACE

Every reasonable attempt was made to locate ACMs present as TSI, surfacing materials, or other miscellaneous materials in the areas surveyed. During the inspection of the building, Apex did not inspect underground utilities, energized mechanical or electrical systems.

For this inspection Apex did not identify inaccessible areas that were considered likely to contain suspect ACMs.

If suspect ACM facility components not identified in this survey are discovered during renovation or demolition activities, those materials shall be presumed to be asbestos containing until sampled by a CDPHE-licensed building inspector, in accordance with EPA's AHERA protocols, as described in **Section 2.0**, to determine asbestos content.

7.0 SUMMARY OF ACM FINDINGS

The following tables summarize the ACM survey findings and analytical results for the suspect materials sampled. ACM summary tables are organized to show the homogenous material analyzed, its asbestos content, and approximate quantity.

7.1 RACM

RACM includes any materials assumed to contain asbestos, friable ACM, Category I nonfriable ACM that has become friable, Category I nonfriable ACM that will be or has been subjected to sanding, grinding, cutting or abrading, or Category II nonfriable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations.

All RACM must be removed from a facility being demolished or renovated before any activity begins that would break up, dislodge, or similarly disturb the material or preclude access to the material for subsequent removal.

RACM

ACM Description	Condition	Type / Friable or Non-Friable	Analytical Result	Approx. Quantity	Homogenous Area(s)
None					

7.2 Category I Non-Friable Greater than One Percent

NESHAP defines Category I material as "asbestos containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than one percent asbestos". Mastic that is in good condition and non-friable would fall under Category I material.

The asbestos NESHAP does not require notification of renovation activities where asbestos materials are not being disturbed. If Category I materials are kept in a non-friable condition during removal, transport, and disposal, notification of renovation is not required.

Cat I materials may remain in place during demolition projects if the materials are in good condition and the acts of demolition will not render the material friable.

Category I Non-Friable Greater than One Percent

ACM Description	Condition	Type / Friable or Non-Friable	Analytical Result	Approx. Quantity	Homogenous Area(s)
None					

7.3 Category II Non-Friable Greater than One Percent

Category II (Cat II) nonfriable ACM means: Any material, excluding Cat I nonfriable ACM, containing more than 1 percent asbestos as determined by PLM, that when dry cannot be crumbled, pulverized or reduced to powder by hand pressure. Cat II asbestos-cement products need to be removed prior to demolition if they have a high probability of becoming crumbled, pulverized, or reduced to powder during demolition activities. EPA believes that most demolition activities will subject Cat II nonfriable ACM to the regulation.

Category II Non-Friable Greater than One Percent

ACM Description	Condition	Type / Friable or Non-Friable	Analytical Result	Approx. Quantity	Homogenous Area(s)
Dark Brown Window Caulking	Good	Nonfriable	2% Chrysotile	772 LF	Second Floor Windows on West and South of Terminal

7.4 Materials Containing 1% or Less Asbestos

The OSHA Construction Asbestos Standard 29 CFR 1926.1101 contains work practice and engineering control requirements and prohibitions that must be observed regardless of the percentage of asbestos in the installed construction materials

Materials Containing One Percent or Less Asbestos

ACM Description	Condition	Type / Friable or Non-Friable	Analytical Result	Approx. Quantity	Homogenous Area(s)
None					

8.0 GENERAL RECOMMENDATIONS

Removal of materials, in amounts exceeding the trigger levels, with an asbestos content of greater than one percent (1%) by volume that are friable, or will be made friable during renovation or demolition activities, must be conducted in accordance with the Colorado Department of Public Health and Environment's (CDPHE) Regulation No. 8. Friable means that the material, when dry, may be crumbled, pulverized, or reduced to powder by hand pressure. With regard to facilities other than single-family residential dwellings, the trigger levels are 160 linear feet on pipes, 260 square feet on other surfaces, or the volume equivalent of a 55-gallon drum.

The National Emission Standard for Hazardous Air Pollutants (NESHAP) regulations, set forth by the U.S. Environmental Protection Agency (EPA), control asbestos emissions from renovation and demolition activities.

The Occupational Safety and Health Administration (OSHA) Construction Asbestos Standard 29 CFR 1926.1101 contains work practice and engineering control requirements and prohibitions that must be observed regardless of the percentage of asbestos in the installed construction materials. The standard also has exposure-based requirements consisting of a 0.1 fiber/ cubic centimeter (cc), 8-hour Time Weighted Average (TWA) Personal Exposure Limit (PEL) and a 1 fiber/ cc 30-minute excursion limit.

8.1 Report Findings Recommendations

Window caulking is Category II non-friable ACM. Category II material is material, excluding Cat I nonfriable ACM, containing more than one percent asbestos as determined by PLM, that when dry cannot be crumbled, pulverized or reduced to powder by hand pressure. Cat II asbestos-cement products need to be removed prior to demolition or renovation if they have a high probability of becoming crumbled, pulverized, or reduced to powder during demolition activities. EPA believes that most demolition activities will subject Cat II nonfriable ACM to the regulation.

9.0 DISCLAIMER

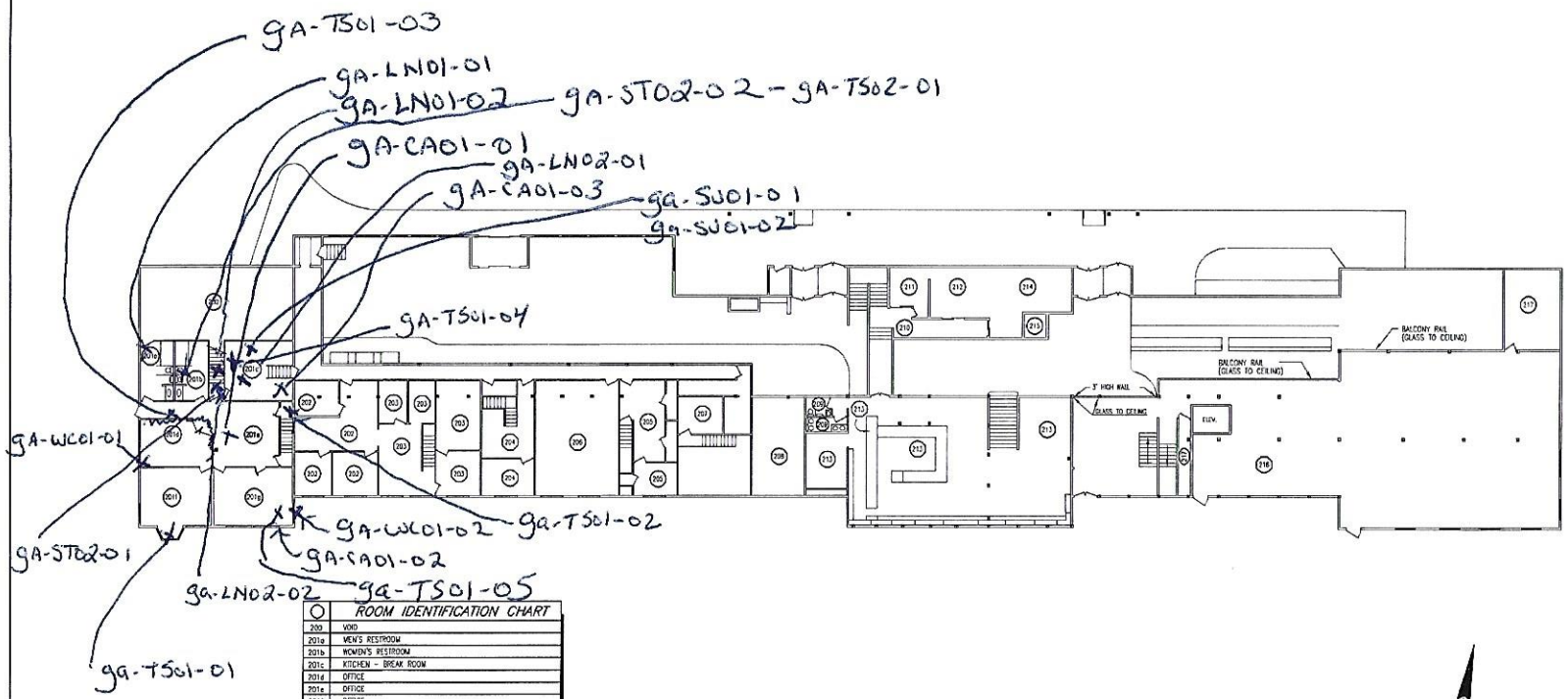
This report describes the installed locations and conditions of ACM identified in the facility during the survey. Apex represents that our services are performed within the limits prescribed by applicable regulations and in a manner consistent with the level of care and skill ordinarily exercised by other professional consultants under similar circumstances. No other representation is made to the client, expressed or implied, and no warranty or guarantee is included or intended.

This document is not intended to be used as a bid document for the removal, repair, encapsulation, enclosure, or O&M of asbestos containing materials. Apex can prepare asbestos abatement specifications, scope of work, project design, and bid documents for this project at the client's request. This document describes the locations and conditions of ACM identified in the facility during the inspection. This report is limited to the scope of work identified in this report and should not be construed to represent anything outside the scope of work.

This report is for the sole use of Colorado Mountain College and may not be relied upon by any other person or entity. The findings and conclusions of this survey are based on the proposed demolition of the facility.

APPENDIX A

Asbestos Sample Location Drawings



○	ROOM IDENTIFICATION CHART
200	VOID
201a	MEN'S RESTROOM
201b	WOMEN'S RESTROOM
201c	KITCHEN - BREAK ROOM
201d	OFFICE
201e	OFFICE
201f	OFFICE
201g	OFFICE
202	OFFICE
203	AIRLINES OFFICE
204	AIRLINES OFFICE
205	AIRLINES OFFICE
206	OFFICE
207	STORAGE
208	VOID
209	RESTAURANT RESTROOMS
210	WALKWAY
211	GIFT SHOP
212	GIFT SHOP
213	RESTAURANT
214	COFFEE SHOP
215	HVAC ROOM
216	STERILE AREA
217	MECHANICAL ROOM

SCALE: 1/16" = 1'0"

LEVEL 2

Gunnison Crested Butte REGIONAL AIRPORT

GUNNISON–CRESTED BUTTE
REGIONAL AIRPORT
GUNNISON, COLORADO

TERMINAL
BUILDING PLAN

Carter::Burgess

ISSUE RECORD

NO.	BY	DATE	DESCRIPTION

AIP PROJECT NUMBER: NA

CAB PROJECT NUMBER: NA — DATE: 4/28/08

DESIGNED:	DRAWN.	CHECKED.	APPROVED:
---	SAN	MKN	---

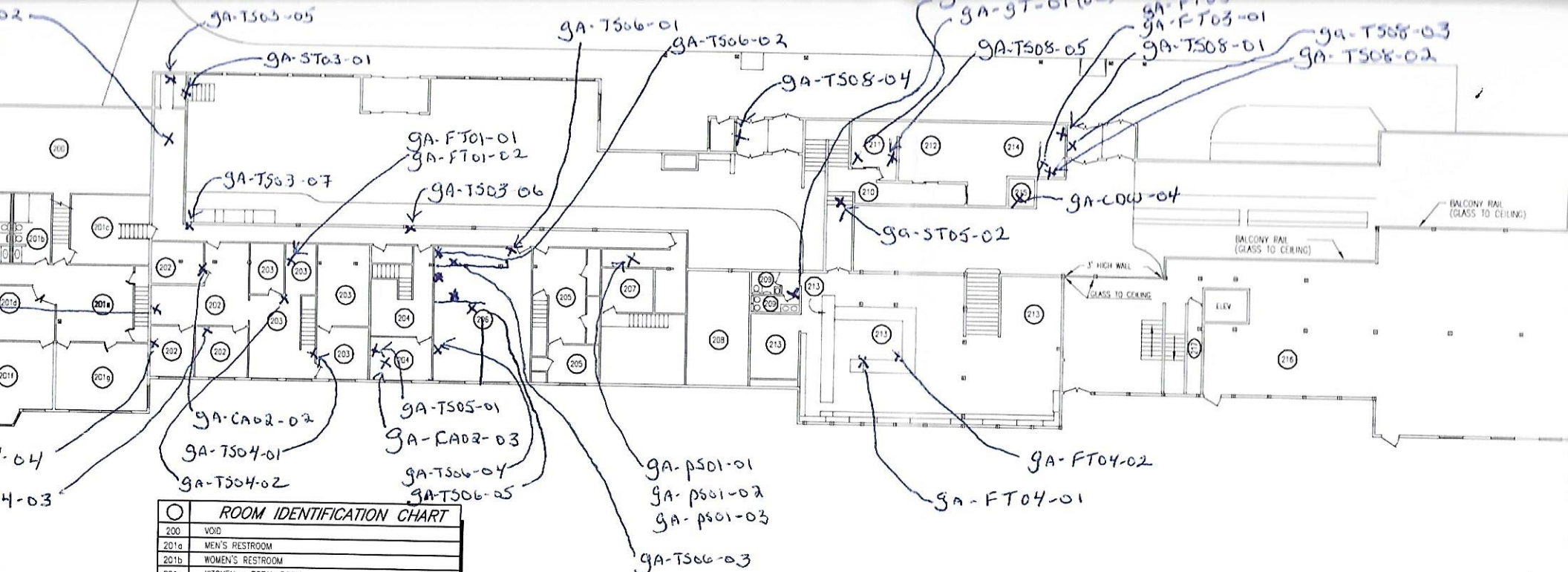
DRAWING PATH\NAME: J:\...\GUC\TERM BLDG\FLOOR-PLAN.dwg

REFERENCE DRAWING PATH\NAME: J:\...\GUC\TERM BLDG

TERMINAL BUILDING
FLOOR PLAN
LEVEL 2

G002

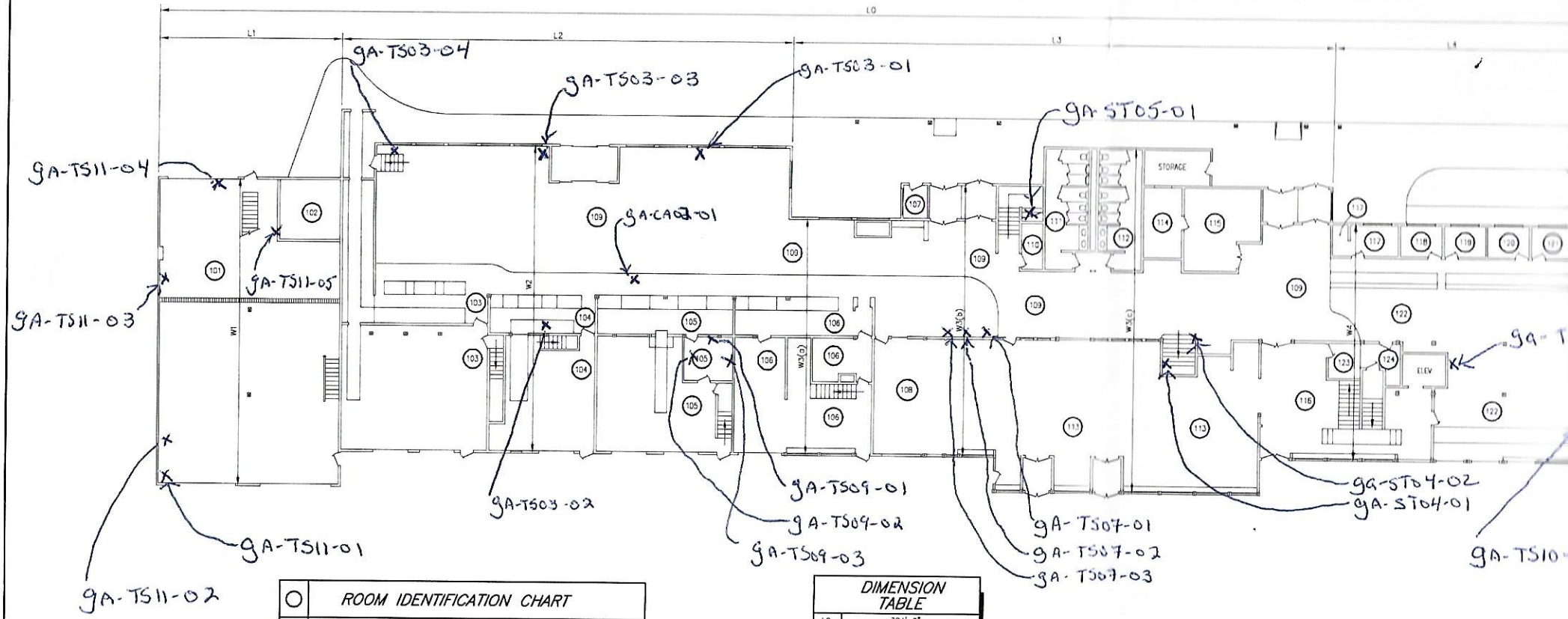
SHEET 2 OF 2



	ROOM IDENTIFICATION CHART
200	VOID
201a	MEN'S RESTROOM
201b	WOMEN'S RESTROOM
201c	KITCHEN - BREAK ROOM
201d	OFFICE
201e	OFFICE
201f	OFFICE
201g	OFFICE
202	OFFICE
203	AIRLINES OFFICE
204	AIRLINES OFFICE
205	AIRLINES OFFICE
206	OFFICE
207	STORAGE
208	VOID
209	RESTAURANT RESTROOMS
210	WALKWAY
211	GIFT SHOP
212	GIFT SHOP
213	RESTAURANT
214	COFFEE SHOP
215	HVAC ROOM
216	STERILE AREA
217	MECHANICAL ROOM

SCALE: 1/16" = 1'0"

LEVEL 2



	ROOM IDENTIFICATION CHART
101	TRUCK BAY
102	EQUIPMENT ROOM
103	AIRLINE SPACE
104	AIRLINE SPACE
105	AIRLINE SPACE
106	AIRLINE SPACE
107	OFFICE
108	STERILE ROOM
109	COMMOM AREA
110	MAINTENANCE ROOM
111	MEN'S RESTROOM
112	WOMEN'S RESTROOM
113	STERILE AREA
114	HVAC ROOM
115	HVAC ROOM
116	STERILE AREA
117	CAR RENTAL
118	CAR RENTAL
119	CAR RENTAL
120	GROUND TRANSPORTATION
121	GROUND TRANSPORTATION
122	BAGGAGE CLAIM AREA
123	OFFICE
124	ELEVATOR MECHANICAL ROOM
125	MENS' RESTROOM
126	WOMEN'S RESTROOM
127	UNISEX HANDICAP RESTROOM
128	MECHAINICAL ROOM

DIMENSION TABLE	
L0	324' 6"
L1	41' 6"
L2	103' 3"
L3	123' 9"
L4	56' 0"
W1	70' 0"
W2	70' 0"
W3	
a	53' 11"
b	51' 11"
c	78' 5"
W4	54' 0"

*AREA OF CUBICAL ONLY; TOTAL COUNTER AREA ADJACENT TO ROOMS #117 – #121 EQUALS 350 FT²

LEVEL 1

Location Gunnison County - Gunn Crested Butte Regional Airport Job # 5578 Date 4/16/18

Purpose Renovation

Sample Prefix 9A - X

Sample No.	Material Description	Sample Location	Friable Y/N	Cond G/D/SD	Quantity	%	Comments
51 ga-CA01-01	yellow carpet adhesive	Center of conference Room Floor	no	X	1,420 SF	ND	2nd level West
52 ga-CA01-02	on wood in West Terminal	SE office floor	↓	↓	↓	ND	offices
53 ga-CA01-03	2nd Floor	Kitchen top of stairs - South end	↓	↓	↓	ND	
54							
55 ga-LN01-01	Cream 2-inch square pattern	mens RR - North end at attic entrance	yes	X	192 SF	ND	2nd Floor West
56 GA-LN01-02	lino with Blue Spots and	Womens RR - behind Toilet	↓	↓	↓	ND	Rooms
57	tan paper backing						
58 ga-LN02-01	Tan and Blue 4-inch square linoleum	Kitchen - South of counter top	yes	X	60 SF	ND	2nd Floor Kitchen
59 ga-LN02-02	with white paper backing	Entry to conference Room East side of door		↓		ND	and top of stairs
60							
61 ga-ST01-01	Tan Step tread with Tan mastic	Stairs (East) bottom step	no	X	20 SF	ND	East stairs to
62 GA-ST01-02	↓ ↓	East stairs mid-point step	↓	↓	↓	ND	2nd level
63							
64 GA-ST02-01	gray step tread with cream	3rd step from Top	No	X	96 SF	ND	N stairs to
65 ga-ST02-02	mastic ↓	@ middle landing of stairs	↓	↓	↓	ND	ground floor
66							exit
67 ga-WC01-01	Dark Brown window	West conf Rm window	no	X	772 LF	2%	2nd story steel chg
68 GA-WC01-02	Caulking	East window of SE office	↓	↓	↓	2%	windows - ~~total~~ All chg
69							
70 ga-SU01-01	Black Sink undercoating	2nd level Kitchen Sink	no	X	1 sink	ND	2nd level Kitchen
71 ga-SU01-02	2nd level Kitchen Sink	↓ ↓	↓	↓	↓	ND	
72							
73 ga-CDW01-01	Composite Drywall and Joint	2nd level - East storage closet	No	X	3500 SF	ND	2nd level West
74 ga-CDW01-02	Compound (White)	2nd level - mech Rm	↓	↓		ND	Terminal
75							

Location Gunnison County - Gunn Crested Butte Regional Airport Job # 5578 Date 4/16/18

Purpose Renovation

Sample Prefix GA-X

Sample No.	Material Description	Sample Location	Friable Y/N	Cond G	Cond D	Cond SD	Quantity	%	Comments
76 GA-TS01-01	White Knock-down pattern	SW office under counter	yes	X			4,670 SF	ND	West ~~East~~ Building
77 GA-TS01-02	texture on 1/2" white	East storage - NE corner	↓	↓			↓	ND	2nd level offices
78 GA-TS01-03	drywall - 2nd level West ~~East~~	Conference Rm ceiling - NW corner	↓	↓			↓	ND	
79 GA-TS01-04	offices ↓ ↓	Kitchen West wall above cabinets	↓	↓			↓	ND	
80 GA-TS01-05	↓ ↓	SE office - South wall	↓	↓			↓	ND	
81									
82									
83 GA-TS02-01	white spatter pattern texture	Bottom of stairs to N exit - E wall	yes	X			(888) SF	ND	Dividing walls of
84 GA-TS02-02	on 1/2" drywall - 2nd Floor	SW office - East wall by floor	↓	↓			↓	ND	offices on 2nd level
85 GA-TS02-03	↓ ↓	SE office - West wall behind door	↓	↓			↓	ND	And bottom of stairs
86									
87 GA-TS03-01	Trowel Pattern texture (white)	1st Floor Lobby Departures - N wall	yes	X			5,200 SF	ND	Departures
88 GA-TS03-02	on 1/2" Dry wall located in	1st Floor Ticket counter 104 - S wall	↓	↓			↓	ND	Lobby floors
89 GA-TS03-03	Departures lobby walls	1st Floor Lobby West of Departures entrance	↓	↓			↓	ND	1 And 2
90 GA-TS03-04	↓ ↓	1st Floor lobby NW corner by stairs	↓	↓			↓	ND	↓
91 GA-TS03-05	↓ ↓	Bottom of West stairs - N wall	↓	↓			↓	ND	↓
92 GA-TS03-06	↓ ↓	2nd level Balcony by 204 entrance	↓	↓			↓	ND	↓
93 GA-TS03-07	↓ ↓	2nd level Balcony by 202 entrance	↓	↓			↓	ND	↓
94									
95 GA-CA02-01	1st level - 105 ticket counter →	yellow carpet adhesive	NO	X			4,800 SF	ND	East center
96 GA-CA02-02	2nd level Room 202 center →		↓	↓			↓	ND	Building
97 GA-CA02-03	2nd level Room 204 South side →		↓	↓			↓	ND	
98									
99 GA-FT01-01	gray and Blue 12-inch Floor	Room 203 Kitchen - West side	NO	X			80 SF	ND	Rm 203
100 GA-FT01-02	tile w/ clear mastic	↓ ↓	↓	↓			↓	ND	Kitchen

Location Gunnison County - Gunn Crested Butte Regional Airport Job # 5578 Date 4/17/18

Purpose Renovation

Sample Prefix GA-X

Sample No.	Material Description	Sample Location	Friable Y/N	Cond G/D/SD	Quantity	%	Comments
1 PS01-01	off-white pipe sealant on	Boiler Rm 207 - Boiler Supply	No	X	50 LF	ND	Assumed present
2 PS01-02	fiberglass insulated lines in	Boiler return				ND	within walls and
3 PS01-03	Boiler Room 207	Boiler Supply				ND	Above ceilings
4							
5 TS04-01	Heavy Knock-down pattern	Rm 203 top of stairs East wall	yes	X	3725SF	ND	offices in 202-
6 TS04-02	texture on drywall	Rm 203 North office entrance				ND	203 walls
7 TS04-03	white	Rm 202-SW office-West wall				ND	And ceilings
8 TS04-04		Rm 202-S center office N wall				ND	
9 TS04-05		Rm 202-West wall				ND	
10							
11 TS05-01	Medium Spatter pattern texture on	South office of Rm 204 West wall	yes	X	2520SF	ND	offices 204
12 TS05-02	Drywall	office 104 - East wall				ND	And 104
13 TS05-03		office 104-stairs - N wall				ND	
14 TS05-04		office 204 - West wall				ND	
15 TS05-05		office 204 - South Dividing wall				ND	
16							
17 TS06-01	light Spatter interior wall	TSA office 206 - N wall by closet	yes	X	1909 SF	ND	TSA offices
18 TS06-02	texture on Drywall	TSA office 206 - closet - W wall				ND	206
19 TS06-03		TSA office 206 - closet - S wall				ND	
20 TS06-04		TSA office 206 - mgr office W wall				ND	
21 TS06-05		TSA office 206 - mgr office N wall				ND	
22							
23 TS07-01	Heavy Sponge pattern texture	Lobby center welcome sign - E end	yes	X	400 SF	ND	South wall of
24 TS07-02	on Drywall	center				ND	center Lobby
25 TS07-03		W end				ND	area welcome sign

Location Gunnison county - Gunnison Crested Butte Regional Airport Job # 5578 Date 4/17/18

Purpose Renovation

Sample Prefix 9A-X

Sample No.	Material Description	Sample Location	Friable Y/N	Cond G	Cond D	Cond SD	Quantity	%	Comments
26 ST03-01	Brown step tread with	NW stairs to 2nd level top of 1st landing	no	X			70 SF	ND	NW stairs
27 ST03-02	tan mastic	NW stairs to 2nd level mid way	↓	↓			↓	ND	
28									
29 ST04-01	Red step tread with yellow	middle of stairs west end	No	X			114 SF	ND	center stairs to
30 ST04-02	mastic ↓	Bottom of stairs East end	↓	↓			↓	ND	~~Restrant~~
31									Restaurant
32 ST05-01	Brown step tread with	Top step @ first landing	no	X			112 SF	ND	center stairs to
33 ST05-02	Tan mastic and Dark Brown mast	Top of stairs by Restaurant	↓	↓			↓	ND	North balcony
34									and stairs in 204
35 TS08-01	Sponge Pattern interior	2nd level Bar - East wall	yes	x			2,660 SF	ND	North center
36 TS08-02	wall texture (white) on	2nd level Bar - under counter						ND	1st and 2nd
37 TS08-03	1/2" Drywall	N center entry - West wall						ND	Floors and
38 TS08-04		N center West entry - west wall						ND	entrys
39 TS08-05	↓ ↓	East wall top of stairs 2nd level	↓	↓			↓	ND	
40									
41 TS09-01	Smear pattern texture on	Room 105 - North wall	yes	x			680 SF	ND	Rm 105
42 TS09-02	1/2" Drywall	- West wall						ND	
43 TS09-03	↓ ↓	↓ - East wall	↓	↓			↓	ND	↓
44									
45 FT02-01	gray 12-inch Floor tile	Room 106 at entry	no	x			120 SF	ND	Rm 106
46 FT02-02	with yellow mastic	↓ ↓	↓	↓			↓	ND	
47									
48 FT03-01	Maroon 12-inch Floor tile	Rm 214 Bar area under counter	no	x			110 SF	ND	214 Bar
49 FT03-02	with yellow mastic	↓ ↓ ↓	↓	↓			↓	ND	↓
50									

Location Gunn County - Gunnison crested Butte Regional Airport Job # 5578 Date 4/18/18

Purpose Renovation

Sample Prefix GA-X

Sample No.	Material Description	Sample Location	Friable Y/N	Cond G/D/SD			Quantity	%	Comments
51 FT04-01	off-white floor tile 12-inch	Restaurant 213 counter area	No	X			144 SF	ND	
52 FT04-02	with Blue streaks	↓ ↓	↓	↓				ND	
53									
54 gt-01	gray ceramic tile grout	Restaurant Restroom - behind (209)	no	X			168 SF	ND	
55 gt-02	↓ ↓	door 2nd level 209 (213)	↓	↓			↓	ND	
56									
57 CTA-01	white ceramic tile adhesive	Restaurant RR 209 behind (men's)	no	X			168 SF	ND	
58 CTA-02	↓ ↓	entrance door 213 (women's)	↓	↓			↓	ND	
59									
60 CBM-01	yellow cove base mastic	Restaurant Serving area N S side Bar	no	X			140 LF	ND	Restaurant
61 CBM-02	under 4-inch tan cove base	↓ ↓ S side	↓	↓			↓	ND	↓
62									
63 LN03-01	gray pebble pattern linoleum	211 Kitchen storage Rm S end	no	X			142 SF	ND	Rm 211
64 LN03-02	with yellow adhesive	↓ ↓ N end	↓	↓			↓	ND	↓
65									
66 CDW-01	composite Drywall and	mech Rm 207 N wall	yes	X			5960 SF	ND	Throughout
67 CDW-02	Joint compound 1/2 white	West hobby - by heater						ND	
68 CDW-03	w/ white JC	Kitchen storage 211 East wall						ND	
69 CDW-04	↓ ↓	mech Rm 215 S wall	↓	↓			↓	ND	↓
70									
71 TS10-01	Smooth Pattern interior	South wall of Baggage claim	yes	X			2650 SF	ND	East center
72 TS10-02	wall texture on Drywall	South wall at Baggage conveyor						ND	RRs and Rental
73 TS10-03		West wall of elevator						ND	car / Baggage
74 TS10-04		N wall by RR NE corner						ND	claim area
75 TS10-05	↓ ↓	West wall of car Rental	↓	↓			↓	ND	

Location Gunn County - Gunn crested Butte Regional Airport Job # 5578 Date 4/18/18

Purpose Renovation

Sample Prefix 9A-X

Sample No.	Material Description	Sample Location	Friable Y/N	Cond G/D/SD			Quantity	%	Comments
76 TS11-01	large Spatter wall texture	101 Truck Bay - SW corner	yes	X			2480 SF	ND	Truck Bay
77 TS11-02	on 1/2 Drywall white	West wall - S end						ND	101
78 TS11-03		West wall center						ND	
79 TS11-04		N wall center						ND	
80 TS11-05		outside 102						ND	
81									
82									
83									
84									
85									
86									
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99									
100									

APPENDIX B

Asbestos Sample Summary Table

Gunnison Crested Butte Regional Airport Terminal Building – Asbestos Sample Summary Table

Sample Number	Material Description	Sample Location	Condition	Approx. Quantity	Disturbance Potential	Analytical Result
GA-CA01-01	Yellow carpet adhesive on wood in west terminal 2nd floor	Center of Conference Room Floor	G / NF	1,420 SF	Low	ND
GA-CA01-02		SE Office Floor				ND
GA-CA01-03		Kitchen at top of stairs – south end				ND
GA-LN01-01	Cream 2-inch square pattern linoleum with blue spots and tan paper backing	Men's Restroom – North end at entrance	G / F	192 LF	Low	ND
GA-LN01-02		Women's Restroom – Behind toilet				ND
GA-LN02-01	Tan and blue 4-inch square pattern linoleum with white paper backing	Kitchen – South of counter top	G / F	60 SF	Low	ND
GA-LN02-02		Entry to Conference Room, East side of door				ND
GA-ST01-01	Tan step tread with tan mastic	East Stairs to 2nd Level – Bottom Step	G / NF	20 SF	Low	ND
GA-ST01-02		East Stairs to 2nd Level – Mid Point Step				ND
GA-ST02-01	Gray step tread with cream mastic	North Stairs to Ground Floor Exit – 3rd Step from Top	G / NF	96 SF	Low	ND
GA-ST02-02		North Stairs to Ground Floor Exit – Middle Landing				ND
GA-WC01-01	**Dark brown window caulking on south and west facing windows**	**West Conference Room Window**	**G / NF**	**772 LF**	**Low**	**2% Chrysotile**
GA-WC01-02		**East Window of SE Storage Room**				**2% Chrysotile**
GA-SU01-01	Black sink undercoating	2nd Level Kitchen Sink	G / NF	1 Sink	Low	ND
GA-SU01-02		2nd Level Kitchen Sink				ND
GA-CDW01-01	Composite drywall and joint compound on second level west terminal	2nd Level East Storage Room	G / NF	3,560 SF	Low	ND
GA-CDW01-02		2nd Level Mechanical Room				ND
GA-TS01-01	White knock-down texture on 1/2'" drywall on walls in west side 2nd floor	SW Office under Counter	G / F	4,670 SF	Low	ND
GA-TS01-02		East Storage – NE Corner				ND
GA-TS01-03		Conference Room Ceiling – NW Corner				ND
GA-TS01-04		Kitchen – West wall above cabinets				ND
GA-TS01-05		SE Office – South wall				ND
GA-TS02-01	White spatter pattern wall texture on ½ white drywall on 2nd Floor	Bottom of stairs to north exit, east wall	G / F	888 SF	Low	ND
GA-TS02-02		SW office – east wall by floor				ND
GA-TS02-03		SE office – west wall behind door				ND
			G=good D=damaged SD=significant damage F= Friable NF=Non-friable			ND=none detected *= multiple layers

APEX

Gunnison Crested Butte Regional Airport Terminal Building – Asbestos Sample Summary Table

Sample Number	Material Description	Sample Location	Condition	Approx. Quantity	Disturbance Potential	Analytical Result
GA-TS03-01	Trowel pattern interior wall texture on white ½" drywall located on departures lobby walls	1st floor lobby departures – north wall	G / F	5,200 SF	Low	ND
GA-TS03-02		1st floor ticket counter 104 – south wall				ND
GA-TS03-03		1st floor lobby west of departures entrance				ND
GA-TS03-04		1st floor departures NW corner by stairs				ND
GA-TS03-05		Bottom of west stairs – north wall				ND
GA-TS03-06		2nd level balcony by entrance to 204				ND
GA-TS03-07		2nd level balcony by entrance to 202				ND
GA-CA02-01	Yellow carpet adhesive, east center of building	1st level ticket counter 105	G / NF	4,800 SF	Low	ND
GA-CA02-02		2nd level room 202, center				ND
GA-CA02-03		2nd level room 204, south side				ND
GA-FT01-01	Gray and blue 12-inch floor tile with clear mastic in Room 203 kitchen	Room 203 – Kitchen west side	G / NF	80 SF	Low	ND
GA-FT01-02		Room 203 – Kitchen west side				ND
GA-PS01-01	Off-white pipe sealant on fiberglass insulated lines in boiler room 207	Boiler room 207 – boiler supply pipe	G / NF	50 LF	Low	ND
GA-PS01-02		Boiler room 207 – boiler return pipe				ND
GA-PS01-03		Boiler room 207 – boiler supply pipe				ND
GA-TS04-01	Heavy knock-down pattern interior wall texture on ½" white drywall in offices 202 – 203 walls and ceilings	Room 203 – top of stairs east wall	G / F	3,725 SF	Low	ND
GA-TS04-02		Room 203 – north office entrance				ND
GA-TS04-03		Room 202 – SW office west wall				ND
GA-TS04-04		Room 202 – south center office, north wall				ND
GA-TS04-05		Room 202 – west wall				ND
GA-TS05-01	Medium spatter interior wall texture on white ½" drywall in offices 204 and 104	South office of room 204 – west wall	G / F	2,520 SF	Low	ND
GA-TS05-02		Office 104 – east wall				ND
GA-TS05-03		Office 104 – north wall of stairs				ND
GA-TS05-04		Office 204 – west wall				ND
GA-TS05-05		Office 204 – south dividing wall				ND
GA-TS06-01	Light spatter pattern interior wall texture on ½" drywall in TSA office 206	Office 206 – north wall by closet	G /F	1,909 SF	Low	ND
GA-TS06-02		Office 206 – west wall of closet				ND
GA-TS06-03		Office 206 – south wall of closet				ND
			G=good D=damaged SD=significant damage F= Friable NF=Non-friable			ND=none detected *= multiple layers

APEX

Gunnison Crested Butte Regional Airport Terminal Building – Asbestos Sample Summary Table

Sample Number	Material Description	Sample Location	Condition	Approx. Quantity	Disturbance Potential	Analytical Result
GA-TS06-04	Light spatter texture on ½" drywall in TSA office 206	Office 206 – manager office north wall	G / F	1,909 SF	Low	ND
GA-TS06-05		Office 206 – manager office north wall				ND
GA-TS07-01	Heavy sponge pattern texture on lobby welcome sign	Lobby welcome sign – east end	G / F	400 SF	Low	ND
GA-TS07-02		Lobby welcome sign – center				ND
GA-TS07-03		Lobby welcome sign – west end				ND
GA-ST03-01	Brown step tread with tan mastic on NW Stairs	NW stairs to 2nd level – top of 1st landing	G / NF	70 SF	Low	ND
GA-ST03-02		NW stairs to 2nd level – mid way				ND
GA-ST04-01	Red step tread with yellow mastic on center staircase	Middle of stairs – west end	G / NF	114 SF	Low	ND
GA-ST04-02		Bottom of stairs – east end				ND
GA-ST05-01	Brown step tread with tan and dark brown mastic on center stairs to north balcony	Top step at first landing	G / NF	112 SF	Low	ND
GA-ST05-02		Top of stairs by restaurant				ND
GA-TS08-01	Sponge pattern interior wall texture on ½" drywall in north center of building	2nd level bar – east wall	G / F	2,660 SF	Low	ND
GA-TS08-02		2nd level bar – under counter				ND
GA-TS08-03		North center entry – west wall				ND
GA-TS08-04		North center west entry – west wall				ND
GA-TS08-05		East wall top of stairs to 2nd level				ND
GA-TS09-01	Smear pattern texture on ½" drywall in Room 105	Room 105 – north wall	G / F	680 SF	Low	ND
GA-TS09-02		Room 105 – west wall				ND
GA-TS09-03		Room 105 – east wall				ND
GA-FT02-01	Gray 12-inch floor tile with yellow mastic in Room 106	Room 106 at entry	G / NF	120 SF	Low	ND
GA-FT02-02		Room 106 at entry				ND
GA-FT03-01	Maroon 12-inch floor tile with yellow mastic in Room 214 bar area	Room 214 bar area – under counter	G / NF	110 SF	Low	ND
GA-FT03-02		Room 214 bar areas – under counter				ND
GA-FT04-01	Off-white 12-inch floor tile with blue streaks and yellow mastic in Restaurant 213	Room 213 Counter area	G / NF	144 SF	Low	ND
GA-FT04-02		Room 213 Counter area				ND
GA-GT-01	Gray ceramic tile grout in restaurant restrooms	Restroom 209 behind entrance door	G / NF	168 SF	Low	ND
GA-GT-02		Restroom 209 behind entrance door				ND
			G=good D=damaged SD=significant damage F= Friable NF=Non-friable			ND=none detected *= multiple layers

APEX

Gunnison Crested Butte Regional Airport Terminal Building – Asbestos Sample Summary Table

Sample Number	Material Description	Sample Location	Condition	Approx. Quantity	Disturbance Potential	Analytical Result
GA-CTA-01	White ceramic tile adhesive	Restroom 209 behind entrance door	G / NF	168 SF	Low	ND
GA-CTA-02		Restroom 209 behind entrance door				ND
GA-CBM-01	Yellow cove base mastic under 4-inch tan cove base	Restaurant serving area bar – north side	G / NF	140 LF	Low	ND
GA-CBM-02		Restaurant serving area bar – south side				ND
GA-LN03-01	Gray pebble pattern linoleum with yellow adhesive in 211 kitchen storage room	211 kitchen storage room – south end	G /NF	142 SF	Low	ND
GA-LN03-02		211 kitchen storage room – north end				ND
GA-CDW-01	Composite drywall and joint compound	Mechanical room 207 – north wall	G / NF	5,960 SF	Low	ND
GA-CDW-02		West lobby – by heater				ND
GA-CDW-03		Kitchen storage 211 – east wall				ND
GA-CDW-04		Mechanical room 215 south wall				ND
			G=good D=damaged SD=significant damage F= Friable NF=Non-friable			ND=none detected *= multiple layers

APEX

APPENDIX C

Laboratory Report / Chain of Custody

Aerobiology Laboratory Associates, Incorporated
Expertise Since 1997

Lab Use: 18012405

ELITE Program — AZ, CA, CO, FL, GA, VA, NJ
NVLAP — AZ, CA, CO, VA
AZ, CA, CO, FL, GA, NJ, VA

Aerobiology Client	Apex Companies, LLC.		
Field Contact	Chris Thompson	Collected By/Date: Chris Thompson 4/18/18	Relinquished By/Date: 4/19/18
Reporting Address	1746 Cole Blvd, Suite 250	Relinquished By/Date:	Received By/Date: 04/20/18
Billing Address	Lakewood, CO 80401	Sampler Type: Andersen ☐ SAS ☐	SampleAire ☐ AeroTrap ☐ Other ☐ BioCulture ☐
Phone/Fax	(719) 330-2970	PO#/Job#: 5578	
Reporting Email (s)	Chris.Thompson@Apexcos.com	Project Name: Gunnison Regional Airport	
Routine ☒ / 24 Hour ☐ / Same Day ☐ / 4 Hour ☐ / 2 Hour ☐		Notes:	
SAMPLING LOCATION ZIP CODE		CC Info:	

	Sample No.	Test Code	Sample Location	Total Volume/Area
1-3	GA-CA01-01 thru GA-CA01-03	3002	Carpet adhesive (3)	
2	GA-LN01-01 Thru GA-LN01-02		lino (2)	
3	GA-LN02-01 thru GA-LN02-02		lino (2)	
4	GA-ST01-01 thru GA-ST01-02		Step tread (2)	
5	GA-ST02-01 thru GA-ST02-02		Step tread (2)	
6	GA-WC01-01 thru GA-WC01-02		Caulk (2)	
7	GA-SU01-01 thru GA-SU01-02		Sink undercoat (2)	
8	GA-CDW01-01 thru GA-CDW01-02		Composite Drywall (2)	
9	GA-TS01-01 thru GA-TS01-05		texture (5)	
10	GA-TS02-01 thru GA-TS02-03		texture (3)	
11	GA-TS03-01 thru GA-TS03-07		texture (7)	
12	GA-CA02-01 thru GA-CA02-03		Carpet adhesive (3)	
13	GA-FT01-01 thru GA-FT01-02		Floor tile (2)	
14	GA-PS01-01 thru GA-PS01-03		pipe sealant (3)	
11-45 15	GA-TS04-01 thru GA-TS04-05	✓	texture (5)	

LAB USE ONLY
C: DW/PK/SW/CB 4/27/18
V: —
A: 04/27/18
Notes: +

1054	Direct, Non-viable Spore Trap	1015	Culture - WATER Legionella
1051	Direct, Qualitative- **Swab/Tape**	1017	Culture - SWAB Legionella
1050	Direct, Qualitative- **Bulk**	1010	WATER - Potable - E. coli/total coliforms
1005	AIR Culture - Bacterial Count w/ ID's	1012	SWAB - E. coli/total coliforms
1030	AIR Culture - Fungal Count w/ ID's	1028	SWAB - Sewage Screen (E. coli/Entero/fecal coliforms)
1006	SWAB Culture - Bacterial Count w/ ID's	2056	WATER - Heterotrophic Plate Count
1031	SWAB Culture - Fungal Count w/ ID's	3001	ASBESTOS - Point count
1008	BULK Culture - Bacterial Count w/ ID's	3002	ASBESTOS - PLM Analysis
1033	BULK Culture - Fungal Count w/ ID's	3003	ASBESTOS - Particle characterization
1007	WATER Culture - Bacterial Count w/ID's	3004	ASBESTOS - PCM Analysis

Aerobiology Laboratory Associates, Incorporated
Expertise Since 1997

Lab Use: 18012405

AZ, CA, CO, FL, GA, VA, NJ — AZ, CA, CO, VA — AZ, CA, CO, FL GA, NJ, VA

Aerobiology Client	Apex Companies, LLC		
Field Contact	Chris Thompson	Collected By/Date: Chris Thompson 4/18/18	Relinquished By/Date: 4/19/18
Reporting Address	1746 Colc Blvd, Suite 250	Relinquished By/Date:	Received By/Date: 4/20/18
Billing Address	Lakewood, CO 80401	Sampler Type: Andersen ☐ SAS ☐	SampleAire ☐ AeroTrap ☐ Other ☐ BioCulture ☐
Phone/Fax	(719) 330-2970	PO#/Job#: 5578	
Reporting Email (s)	Chris.Thompson@apexcos.com	Project Name: Gunnison Regional Airport	
Routine ☒ / 24 Hour ☐ / Same Day ☐ / 4 Hour ☐ / 2 Hour ☐		Notes:	
SAMPLING LOCATION ZIP CODE		CC Info:	

	Sample No.	Test Code	Sample Location	Total Volume/Area
16-50 1	GA-TS05-01 thru GA-TS05-05	3002	texture (5)	
2	GA-TS06-01 thru GA-TS06-05	↓	texture (5)	
3	GA-TS07-01 thru GA-TS07-03		texture (3)	
4	GA-ST03-01 thru GA-ST03-02		step tread (2)	
5	GA-ST04-01 thru GA-ST04-02		step tread (2)	
6	GA-ST05-01 thru GA-ST05-02		step tread (2)	
7	GA-TS08-01 thru GA-TS08-05		texture (5)	
8	GA-TS09-01 thru GA-TS09-03		texture (3)	
9	GA-FT02-01 thru GA-FT02-02		Floor tile (2)	
10	GA-FT03-01 thru GA-FT03-02		Floor tile (2)	
11	GA-FT04-01 thru GA-FT04-02		Floor tile (2)	
12	GA-gt-01 thru GA-gt-02		grout (2)	
13	GA-CTA-01 thru GA-CTA-02		Ceramic tile adhesive (2)	
14	GA-CBM-01 thru GA-CBM-02		Cove base mastic (2)	
85-86 15	GA-LN03-01 thru GA-LN03-02	✓	lino (2)	

1054	Direct, Non-viable Spore Trap	1015	Culture - WATER Legionella
1051	Direct, Qualitative- **Swab/Tape**	1017	Culture - SWAB Legionella
1050	Direct, Qualitative- **Bulk**	1010	WATER - Potable - E. coli/total coliforms
1005	AIR Culture - Bacterial Count w/ ID's	1012	SWAB - E. coli/total coliforms
1030	AIR Culture - Fungal Count w/ ID's	1028	SWAB - Sewage Screen (E. coli/Entero/fecal coliforms)
1006	SWAB Culture - Bacterial Count w/ ID's	2056	WATER - Heterotrophic Plate Count
1031	SWAB Culture - Fungal Count w/ ID's	3001	ASBESTOS - Point count
1008	BULK Culture - Bacterial Count w/ ID's	3002	ASBESTOS - PLM Analysis
1033	BULK Culture - Fungal Count w/ ID's	3003	ASBESTOS - Particle characterization
1007	WATER Culture - Bacterial Count w/ID's	3004	ASBESTOS - PCM Analysis

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Expertise Since 1997

Lab Use: ZE 04/23/18
~~18012045~~
18012405

AZ, CA, CO, FL, GA, VA, NJ — AZ, CA, CO, VA — AZ, CA, CO, FL GA, NJ, VA

Aerobiology Client	Apex Companies LLC		
Field Contact	Chris Thompson	Collected By/Date: Chris Thompson 4/18/18	Relinquished By/Date: 4/19/18
Reporting Address	1746 Cole Blvd, Suite 250	Relinquished By/Date:	Received By/Date: 04/20/18
Billing Address	Lakewood, CO 80401	Sampler Type: Andersen ☐ SAS ☐	SampleAire ☐ AeroTrap ☐ Other ☐ BioCulture ☐
Phone/Fax	(719) 330-2970	PO#/Job#: 5578	
Reporting Email (s)	Chris.Thompson@apexcos.com	Project Name: Gunnison Regional Airport	
Routine ☒ / 24 Hour ☐ / Same Day ☐ / 4 Hour ☐ / 2 Hour ☐		Notes:	
SAMPLING LOCATION ZIP CODE		CC Info:	

	Sample No.	Test Code	Sample Location	Total Volume/Area
37-40 1	GA-CDW-01 thru GA-CDW-04	3002	composite Drywall (4)	
2	GA-TS10-01 thru GA-TS10-05	↓	texture (5)	
6-100 3	GA-TS11-01 thru GA-TS11-05	↓	texture (5)	
4				
5				
6				
7				
8				
9				
10	CJ 4/19/18			
11				
12				
13				
14				
15				

1054	Direct, Non-viable Spore Trap	1015	Culture - WATER Legionella
1051	Direct, Qualitative- **Swab/Tape**	1017	Culture - SWAB Legionella
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1031	SWAB Culture - Fungal Count w/ ID's	3001	ASBESTOS - Point count
1008	BULK Culture - Bacterial Count w/ ID's	3002	ASBESTOS - PLM Analysis
1033	BULK Culture - Fungal Count w/ ID's	3003	ASBESTOS - Particle characterization
1007	WATER Culture - Bacterial Count w/ID's	3004	ASBESTOS - PCM Analysis

Aerobiology Laboratory Associates, Incorporated
Denver, Colorado

780 Simms Street
Suite 104
Golden, CO, 80401
303.232.3746
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Certificate of Analysis

Client Name	Apex Companies, LLC - Lakewood	Date Collected:	04/18/18
Street address	1746 Cole Blvd. Ste 250	Date Received:	04/20/18
City, State ZIP	Lakewood, CO 80401	Date Analyzed:	04/27/18
Attn:	Chris Thompson	Date Reported:	04/27/18
Client Project Name:	5578 / Gunnison Regional Airport	Project ID:	18012405
		Job ID:	

NVLAP Lab Code 200860-0

Test Requested: **3002, Asbestos in Bulk Samples**

Method: Polarized Light Microscopy / Dispersion Staining (PLM), Method for the Determination of Asbestos in Bulk Building Materials. EPA-600/R-93/116, July 1993.

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
Client	Lab Sample Number								
GA-CA01-01	18012405-1A	Yellow Wood	N	50%	ND			100	
	18012405-1B	Yellow Mastic	N	50%	ND			100	B
GA-CA01-02	18012405-2A	Yellow Wood	N	50%	ND			100	
	18012405-2B	Yellow Mastic	N	50%	ND			100	B
GA-CA01-03	18012405-3A	Yellow Mastic	N	40%	ND			100	B
	18012405-3B	Yellow Wood	N	60%	ND			100	
GA-LN01-01	18012405-4	Tan Sheet Vinyl with Yellow Fibrous Backing	N	100%	ND		40	60	B,C
GA-LN01-02	18012405-5A	Yellow Mastic	N	5%	ND			100	B
	18012405-5B	Tan Sheet Vinyl with Yellow Fibrous Backing	N	95%	ND		40	60	B,C
GA-LN02-01	18012405-6A	Yellow Mastic	N	20%	ND			100	B

A = Amosite
AC = Actinolite
AN = Anthophyllite
CHRY=Chrysotile
CR = Crocidolite
TR = Tremolite
Trace=Less Than 1%
ND=None Detected

Q = Quartz
C = Carbonates
G = Gypsum
M = Mica
T = Tar
NTR = Non-Asbestiform TR
NAC = Non-Asbestiform AC

P = Perlite
B = Binder
D=Diatoms

Shannon Whitmore
Laboratory Analyst

Talena Oliver
Asbestos Lab Supervisor

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Client Name	Apex Companies, LLC - Lakewood	Date Collected:	04/18/18
Street address	1746 Cole Blvd. Ste 250	Date Received:	04/20/18
City, State ZIP	Lakewood, CO 80401	Date Analyzed:	04/27/18
Attn:	Chris Thompson	Date Reported:	04/27/18
Client Project Name:	5578 / Gunnison Regional Airport	Project ID:	18012405
		Job ID:	

NVLAP Lab Code 200860-0

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Method: Polarized Light Microscopy / Dispersion Staining (PLM), Method for the Determination of Asbestos in Bulk Building Materials. EPA-600/R-93/116, July 1993.

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
Client	Lab Sample Number								
GA-LN02-01	18012405-6B	White Resinous Material	N	30%	ND			100	B
	18012405-6C	Tan Sheet Vinyl with White Fibrous Backing	N	50%	ND		40	60	B,C
GA-LN02-02	18012405-7A	Yellow Mastic	N	5%	ND			100	B
	18012405-7B	Tan Sheet Vinyl with White Fibrous Backing	N	95%	ND		40	60	B,C
GA-ST01-01	18012405-8A	Clear Mastic	N	5%	ND			100	B
	18012405-8B	Brown Mastic	N	5%	ND			100	B
	18012405-8C	Yellow Wood	N	5%	ND			100	
	18012405-8D	Yellow Mastic	N	30%	ND			100	B
	18012405-8E	Brown Resinous Material	N	55%	ND			100	B
GA-ST01-02	18012405-9	Yellow Resinous Material	N	100%	ND			100	B,C

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Client Name	Apex Companies, LLC - Lakewood	Date Collected:	04/18/18
Street address	1746 Cole Blvd. Ste 250	Date Received:	04/20/18
City, State ZIP	Lakewood, CO 80401	Date Analyzed:	04/27/18
Attn:	Chris Thompson	Date Reported:	04/27/18
Client Project Name:	5578 / Gunnison Regional Airport	Project ID:	18012405
		Job ID:	

NVLAP Lab Code 200860-0

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Method: Polarized Light Microscopy / Dispersion Staining (PLM), Method for the Determination of Asbestos in Bulk Building Materials. EPA-600/R-93/116, July 1993.

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
Client	Lab Sample Number								
GA-ST02-01	18012405-10A	White Resinous Material	N	40%	ND			100	B,C
	18012405-10B	Gray Resinous Material	N	60%	ND			100	B
GA-ST02-02	18012405-11A	Yellow Mastic	N	15%	ND			100	B
	18012405-11B	Gray Resinous Material	N	85%	ND			100	B
GA-WC01-01	18012405-12A	Brown Wood	N	4%	ND			100	
	18012405-12B	**Brown Caulking**	**N**	**96%**	**CHRY**	**2**		**98**	**B**
GA-WC01-02	**18012405-13**	**Black Caulking**	**N**	**100%**	**CHRY**	**2**		**98**	**B**
GA-SU01-01	18012405-14	Black Undercoating	N	100%	ND		Trace	100	B
GA-SU01-02	18012405-15	Black Undercoating	N	100%	ND		Trace	100	B
GA-CDW01-01	18012405-16A	White Compound	N	6%	ND			100	C

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Client Name	Apex Companies, LLC - Lakewood	Date Collected:	04/18/18
Street address	1746 Cole Blvd. Ste 250	Date Received:	04/20/18
City, State ZIP	Lakewood, CO 80401	Date Analyzed:	04/27/18
Attn:	Chris Thompson	Date Reported:	04/27/18
Client Project Name:	5578 / Gunnison Regional Airport	Project ID:	18012405
		Job ID:	

NVLAP Lab Code 200860-0

Test Requested: **3002, Asbestos in Bulk Samples**

Method: Polarized Light Microscopy / Dispersion Staining (PLM), Method for the Determination of Asbestos in Bulk Building Materials. EPA-600/R-93/116, July 1993.

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
Client	Lab Sample Number								
GA-CDW01-01	18012405-16B	White/Tan Drywall	N	94%	ND		15	85	G
GA-CDW01-02	18012405-17A	White Compound	N	2%	ND			100	G
	18012405-17B	White/Tan Drywall	N	98%	ND		15	85	G
GA-TS01-01	18012405-18A	White Compound with White Paint	N	5%	ND			100	C
	18012405-18B	White/Tan Drywall	N	95%	ND		15	85	G
GA-TS01-02	18012405-19A	White Texture with White Paint	N	4%	ND			100	G
	18012405-19B	White/Tan Drywall	N	96%	ND		15	85	G
GA-TS01-03	18012405-20A	White Texture with White Paint	N	10%	ND			100	G
	18012405-20B	White/Tan Drywall	N	90%	ND		15	85	G
GA-TS01-04	18012405-21A	White Texture with White Paint	N	30%	ND			100	G

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Client Name	Apex Companies, LLC - Lakewood	Date Collected:	04/18/18
Street address	1746 Cole Blvd. Ste 250	Date Received:	04/20/18
City, State ZIP	Lakewood, CO 80401	Date Analyzed:	04/27/18
Attn:	Chris Thompson	Date Reported:	04/27/18
Client Project Name:	5578 / Gunnison Regional Airport	Project ID:	18012405
		Job ID:	

NVLAP Lab Code 200860-0

Test Requested: **3002, Asbestos in Bulk Samples**

Method: Polarized Light Microscopy / Dispersion Staining (PLM), Method for the Determination of Asbestos in Bulk Building Materials. EPA-600/R-93/116, July 1993.

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
Client	Lab Sample Number								
GA-TS01-04	18012405-21B	White/Tan Drywall	N	70%	ND		15	85	G
GA-TS01-05	18012405-22A	White Texture with White Paint	N	20%	ND			100	G
	18012405-22B	White/Tan Drywall	N	80%	ND		15	85	G
GA-TS02-01	18012405-23	White Texture with Brown Paint	N	100%	ND			100	C
GA-TS02-02	18012405-24A	White Texture with White Paint	N	30%	ND			100	C
	18012405-24B	Pink/Tan Drywall	N	70%	ND		15	85	G
GA-TS02-03	18012405-25A	White Texture with Tan Paint	N	40%	ND			100	C
	18012405-25B	Pink/Tan Drywall	N	60%	ND		15	85	G
GA-TS03-01	18012405-26A	White Texture with Green Paint	N	50%	ND			100	C
	18012405-26B	White/Tan Drywall	N	50%	ND		15	85	G

Shannon Whitmore
Laboratory Analyst

Talena Oliver
Asbestos Lab Supervisor

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Certificate of Analysis

Client Name	Apex Companies, LLC - Lakewood	Date Collected:	04/18/18
Street address	1746 Cole Blvd. Ste 250	Date Received:	04/20/18
City, State ZIP	Lakewood, CO 80401	Date Analyzed:	04/27/18
Attn:	Chris Thompson	Date Reported:	04/27/18
Client Project Name:	5578 / Gunnison Regional Airport	Project ID:	18012405
		Job ID:	

NVLAP Lab Code 200860-0

Test Requested: **3002, Asbestos in Bulk Samples**

Method: Polarized Light Microscopy / Dispersion Staining (PLM), Method for the Determination of Asbestos in Bulk Building Materials. EPA-600/R-93/116, July 1993.

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
Client	Lab Sample Number								
GA-TS03-02	18012405-27A	White Mastic	N	10%	ND			100	B
	18012405-27B	White Compound with White Paint	N	15%	ND			100	C,G
	18012405-27C	White/Tan Drywall	N	15%	ND		80	20	G
	18012405-27D	White Texture with Gray Paint	N	60%	ND			100	C
GA-TS03-03	18012405-28A	White Texture with White Paint	N	10%	ND			100	C,G
	18012405-28B	White/Tan Drywall	N	90%	ND		15	85	G
GA-TS03-04	18012405-29A	White Texture with Green Paint	N	20%	ND			100	C,G
	18012405-29B	White/Tan Drywall	N	80%	ND		15	85	G
GA-TS03-05	18012405-30A	White Texture with Tan Paint	N	5%	ND			100	G
	18012405-30B	White/Tan Drywall	N	95%	ND		15	85	G

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Certificate of Analysis

Client Name	Apex Companies, LLC - Lakewood	Date Collected:	04/18/18
Street address	1746 Cole Blvd. Ste 250	Date Received:	04/20/18
City, State ZIP	Lakewood, CO 80401	Date Analyzed:	04/27/18
Attn:	Chris Thompson	Date Reported:	04/27/18
Client Project Name:	5578 / Gunnison Regional Airport	Project ID:	18012405
		Job ID:	

NVLAP®
NVLAP Lab Code 200860-0

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Method: Polarized Light Microscopy / Dispersion Staining (PLM), Method for the Determination of Asbestos in Bulk Building Materials. EPA-600/R-93/116, July 1993.

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
Client	Lab Sample Number								
GA-TS03-06	18012405-31A	White Texture with White Paint	N	10%	ND			100	G
	18012405-31B	White/Tan Drywall	N	90%	ND		15	85	G
GA-TS03-07	18012405-32A	White Texture with White Paint	N	20%	ND			100	G
	18012405-32B	White/Tan Drywall	N	80%	ND		15	85	G
GA-CA02-01	18012405-33	Yellow Mastic	N	100%	ND			100	B
GA-CA02-02	18012405-34	Yellow Mastic	N	100%	ND		2	98	B
GA-CA02-03	18012405-35A	Yellow Mastic	N	30%	ND			100	B
	18012405-35B	Brown Wood	N	70%	ND			100	
GA-FT01-01	18012405-36	White Tile	N	100%	ND			100	
GA-FT01-02	18012405-37	White Tile	N	100%	ND			100	

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Certificate of Analysis

Client Name	Apex Companies, LLC - Lakewood	Date Collected:	04/18/18
Street address	1746 Cole Blvd. Ste 250	Date Received:	04/20/18
City, State ZIP	Lakewood, CO 80401	Date Analyzed:	04/27/18
Attn:	Chris Thompson	Date Reported:	04/27/18
Client Project Name:	5578 / Gunnison Regional Airport	Project ID:	18012405
		Job ID:	

NVLAP Lab Code 200860-0

Test Requested: **3002, Asbestos in Bulk Samples**

Method: Polarized Light Microscopy / Dispersion Staining (PLM), Method for the Determination of Asbestos in Bulk Building Materials. EPA-600/R-93/116, July 1993.

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
Client	Lab Sample Number								
GA-PS01-01	18012405-38	White Resinous Material	N	100%	ND			100	B
GA-PS01-02	18012405-39A	Silver Wrap	N	25%	ND		50	50	
	18012405-39B	White Resinous Material	N	75%	ND			100	B
GA-PS01-03	18012405-40A	White Resinous Material	N	10%	ND			100	B
	18012405-40B	Silver Wrap	N	90%	ND		50	50	
GA-TS04-01	18012405-41A	White Texture with White Paint	N	2%	ND			100	C
	18012405-41B	White/Tan Drywall	N	98%	ND		15	85	G
GA-TS04-02	18012405-42A	White Texture with White Paint	N	50%	ND			100	C
	18012405-42B	White/Tan Drywall	N	50%	ND		15	85	G
GA-TS04-03	18012405-43A	White Texture with White Paint	N	50%	ND			100	C

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TR = Tremolite
Trace=Less Than 1%
ND=None Detected

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C = Carbonates
G = Gypsum
M = Mica
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NTR = Non-Asbestiform TR
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D=Diatoms

Shannon Whitmore
Laboratory Analyst

Talena Oliver
Asbestos Lab Supervisor

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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
Client	Lab Sample Number								
GA-TS04-03	18012405-43B	White/Tan Drywall	N	50%	ND		15	85	G
GA-TS04-04	18012405-44A	White Texture with White Paint	N	50%	ND			100	C
	18012405-44B	White/Tan Drywall	N	50%	ND		15	85	G
GA-TS04-05	18012405-45	White Texture with Tan Paint	N	100%	ND			100	C
GA-TS05-01	18012405-46A	White Texture with White Paint	N	10%	ND			100	G
	18012405-46B	White/Tan Drywall	N	90%	ND		15	85	G
GA-TS05-02	18012405-47A	White Texture with Tan Paint	N	5%	ND			100	C
	18012405-47B	White/Tan Drywall	N	95%	ND		15	85	G
GA-TS05-03	18012405-48A	White Texture with White Paint	N	2%	ND			100	G
	18012405-48B	White/Tan Drywall	N	98%	ND		15	85	G

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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
Client	Lab Sample Number								
GA-TS05-04	18012405-49A	White Texture with White Paint	N	2%	ND			100	G
	18012405-49B	White/Tan Drywall	N	98%	ND		15	85	G
GA-TS05-05	18012405-50A	White Texture with White Paint	N	33%	ND			100	C
	18012405-50B	White Compound with White Paint	N	33%	ND			100	G
	18012405-50C	White/Tan Drywall	N	34%	ND		15	85	G
GA-TS06-01	18012405-51A	White Texture with White Paint	N	10%	ND			100	C
	18012405-51B	White/Tan Drywall	N	90%	ND		15	85	G
GA-TS06-02	18012405-52A	White Texture with White Paint	N	5%	ND			100	C
	18012405-52B	White/Tan Drywall	N	95%	ND		15	85	G
GA-TS06-03	18012405-53A	White Texture with White Paint	N	5%	ND			100	C

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Client	Lab Sample Number								
GA-TS06-03	18012405-53B	White/Tan Drywall	N	95%	ND		15	85	G
GA-TS06-04	18012405-54A	White Texture with White Paint	N	10%	ND			100	C
	18012405-54B	White/Tan Drywall	N	90%	ND		15	85	G
GA-TS06-05	18012405-55A	White Texture with White Paint	N	20%	ND			100	C
	18012405-55B	White/Tan Drywall	N	80%	ND		15	85	G
GA-TS07-01	18012405-56	White Texture with White Paint	N	100%	ND			100	C
GA-TS07-02	18012405-57	White Texture with Green Paint	N	100%	ND			100	C
GS-TS07-03	18012405-58	White Texture with Green Paint	N	100%	ND			100	C
GA-ST03-01	18012405-59A	Brown Resinous Material	N	40%	ND			100	B
	18012405-59B	Yellow Mastic	N	60%	ND			100	B

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Client	Lab Sample Number								
GS-ST03-02	18012405-60A	Brown Resinous Material	N	40%	ND			100	B
	18012405-60B	Yellow Mastic	N	60%	ND			100	B
GA-ST04-01	18012405-61A	Yellow Mastic	N	2%	ND			100	B
	18012405-61B	Red Resinous Material	N	98%	ND			100	B,C
GA-ST04-02	18012405-62	Red Resinous Material	N	100%	ND			100	B,C
GA-ST05-01	18012405-63A	Tan Resinous Material	N	8%	ND			100	B,C
	18012405-63B	Brown Mastic	N	92%	ND			100	B
GA-ST05-02	18012405-64A	Yellow Mastic	N	20%	ND			100	B
	18012405-64B	Tan Resinous Material	N	80%	ND			100	B,C
GA-TS08-01	18012405-65	White Texture with White Paint	N	100%	ND			100	C

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Client	Lab Sample Number								
GA-TS08-02	18012405-66A	White Texture with White Paint	N	50%	ND			100	C
	18012405-66B	White/Tan Drywall	N	50%	ND		15	85	G
GA-TS08-03	18012405-67A	White Texture with Green Paint	N	50%	ND			100	C
	18012405-67B	White/Tan Drywall	N	50%	ND		15	85	G
GA-TS08-04	18012405-68A	White Texture with Tan Paint	N	2%	ND			100	G
	18012405-68B	White/Tan Drywall	N	98%	ND		15	85	G
GA-TS08-05	18012405-69A	White Texture with Tan Paint	N	50%	ND			100	C,G
	18012405-69B	White/Tan Drywall	N	50%	ND		15	85	G
GA-TS09-01	18012405-70A	White Texture with White Paint	N	2%	ND			100	C
	18012405-70B	White/Tan Drywall	N	98%	ND		15	85	G

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Client	Lab Sample Number								
GA-TS09-02	18012405-71A	White Texture with White Paint	N	2%	ND			100	C,G
	18012405-71B	White/Tan Drywall	N	98%	ND		15	85	G
GA-TS09-03	18012405-72A	White Texture with White Paint	N	20%	ND			100	C,G
	18012405-72B	White/Tan Drywall	N	80%	ND		15	85	G
GA-FT02-01	18012405-73	Gray Tile	N	100%	ND			100	
GA-FT02-02	18012405-74A	Brown Mastic	N	2%	ND			100	B
	18012405-74B	White Tile	N	98%	ND			100	
GA-FT03-01	18012405-75A	White Mastic	N	1%	ND			100	B
	18012405-75B	Yellow Mastic	N	1%	ND			100	B
	18012405-75C	Red Tile	N	98%	ND			100	

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Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
Client	Lab Sample Number								
GA-FT03-02	18012405-76A	White Mastic	N	1%	ND			100	B
	18012405-76B	Red Tile	N	99%	ND			100	
GA-FT04-01	18012405-77A	Blue Mastic	N	3%	ND			100	B
	18012405-77B	White Tile	N	97%	ND			100	
GA-FT04-02	18012405-78A	Blue Mastic	N	2%	ND			100	B
	18012405-78B	White Tile	N	98%	ND			100	
GA-GT-01	18012405-79	Gray Plaster	N	100%	ND			100	C
GA-GT-02	18012405-80	Gray Plaster	N	100%	ND			100	C
GA-CTA-01	18012405-81	White Mastic	N	100%	ND			100	B
GA-CTA-02	18012405-82A	Brown Fibrous Material	N	50%	ND		98	2	

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Client	Lab Sample Number								
GA-CTA-02	18012405-82B	White Mastic	N	50%	ND			100	B
GA-CBM-01	18012405-83	Yellow Mastic	N	100%	ND			100	B
GA-CBM-02	18012405-84	Yellow Mastic	N	100%	ND			100	B
GA-LN03-01	18012405-85A	Yellow Mastic	N	3%	ND			100	B
	18012405-85B	Gray Sheet Vinyl with White Fibrous Backing	N	97%	ND		30	70	B
GA-LN03-02	18012405-86	Gray Sheet Vinyl with White Fibrous Backing	N	100%	ND		30	70	B
GA-CDW-01	18012405-87A	White Tape with White Paint	N	5%	ND		90	10	
	18012405-87B	White Joint Compound	N	10%	ND			100	C
	18012405-87C	White/Tan Drywall	N	85%	ND		15	85	G
GA-CDW-02	18012405-88	White/Tan Drywall	N	100%	ND		15	85	G

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GA-CDW-03	18012405-89A	White Compound with White Paint	N	5%	ND			100	C
	18012405-89B	White/Tan Drywall	N	95%	ND		15	85	G
GA-CDW-04	18012405-90	White/Tan Drywall with White Paint	N	100%	ND		15	85	G
GA-TS10-01	18012405-91	White Compound with Brown Paint	N	100%	ND			100	C
GA-TS10-02	18012405-92	White Compound with Brown Paint	N	100%	ND			100	C
GA-TS10-03	18012405-93	White Compound with Brown Paint	N	100%	ND			100	C
GA-TS10-04	18012405-94	White Compound with Brown Paint	N	100%	ND			100	C
GA-TS10-05	18012405-95	White Compound with Brown Paint	N	100%	ND			100	C
GA-TS11-01	18012405-96A	White Compound with White Paint	N	15%	ND			100	C
	18012405-96B	White/Tan Drywall	N	85%	ND		15	85	G

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Test Requested: **3002, Asbestos in Bulk Samples**

Method: Polarized Light Microscopy / Dispersion Staining (PLM), Method for the Determination of Asbestos in Bulk Building Materials. EPA-600/R-93/116, July 1993.

Sample Identification		Physical Description of Sample/Layer	Homo-geneous (Y/N)	Layer Percentage	Asbestos Detected	Asbestos Percentage	Non-Asbestos Fiber Percentage	Non-Fibrous Material Percentage	Matrix Material Composition
Client	Lab Sample Number								
GA-TS11-02	18012405-97A	White Compound with White Paint	N	10%	ND			100	C
	18012405-97B	White/Tan Drywall	N	90%	ND		15	85	G
GA-TS11-03	18012405-98A	White Texture with White Paint	N	10%	ND			100	C
	18012405-98B	White/Tan Drywall	N	90%	ND		15	85	G
GA-TS11-04	18012405-99	White/Tan Drywall with White Paint	N	100%	ND		15	85	G
GA-TS11-05	18012405-100	White/Tan Drywall with White Paint	N	100%	ND		15	85	G

A = Amosite
AC = Actinolite
AN = Anthophyllite
CHRY=Chrysotile
CR = Crocidolite
TR = Tremolite
Trace=Less Than 1%
ND=None Detected

Q = Quartz
C = Carbonates
G = Gypsum
M = Mica
T = Tar
NTR = Non-Asbestiform TR
NAC = Non-Asbestiform AC

P = Perlite
B = Binder
D=Diatoms

Shannon Whitmore
Laboratory Analyst

Talena Oliver
Asbestos Lab Supervisor

780 Simms Street
Suite 104
Golden, CO, 80401
303.232.3746
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Certificate of Analysis

Apex Companies, LLC - Lakewood
1746 Cole Blvd. Ste 250
Lakewood, CO 80401
Chris Thompson
Client Project Name: 5578 / Gunnison Regional Airport

NVLAP Lab Code 200860-0

Date Collected:	04/18/18
Date Received:	04/20/18
Date Analyzed:	04/27/18
Date Reported:	04/27/18
Project ID:	18012405
Job ID:	

General Notes

- **ND** indicates no asbestos was detected; the method detection limit is 1 %.
- **Trace** or "<1" indicates asbestos was identified in the sample, but the concentration is less than 1%.
- All regulated asbestos minerals (i.e. chrysotile, amosite, crocidolite, anthophyllite, tremolite, and actinolite) were sought in every layer of each sample, but only those asbestos minerals detected are listed. Amosite is the common name for the asbestiform variety of the minerals cummingtonite and grunerite. Crocidolite is the common name used for the asbestiform variety of the mineral riebeckite.
- Tile, vinyl, foam, plastic, and fine powder samples may contain asbestos fibers of such small diameter (< 0.25 microns in diameter) that these fibers cannot be detected by PLM. For such samples, more sensitive analytical methods (e.g. TEM, SEM, and XRD) are recommended if greater certainty about asbestos content is required. Semi-quantitative bulk TEM floor tile analysis is accepted under NESHAP regulations.
- These results are submitted pursuant to Aerobiology Laboratory Associates, Inc.'s current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. 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, Aerobiology Laboratory Associates, Inc. will store the samples for a minimum period of thirty (30) days before discarding. A shipping and handling charge will be assessed for the return of any samples.
- Aerobiology does not guarantee the results of tape lifts, microvacs, wipe, and/or debris samples. Accurate analysis cannot be performed due to particle size, media used, and/or amount of material given. Analysis of these materials should be preformed by a TEM. ***A result of ND does not indicate that the sample area does not contain asbestos. It means the analyst could not identify asbestos in the specific sample for the reasons listed above.***

Notes Required by NVLAP

- This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.
- This test report relates only to the items tested or calibrated.
- This report is not valid unless it bears the name of a NVLAP-approved signatory.
- Any reproduction of this document must include the entire document in order for the report to be valid.

APPENDIX D

Photographs

Photo Log

Photo 1 – View of yellow carpet adhesive – None Detected.

Photo 2 – View of Cream square pattern linoleum – None Detected.

Photo 3 – View of tan and blue square pattern linoleum – None Detected.

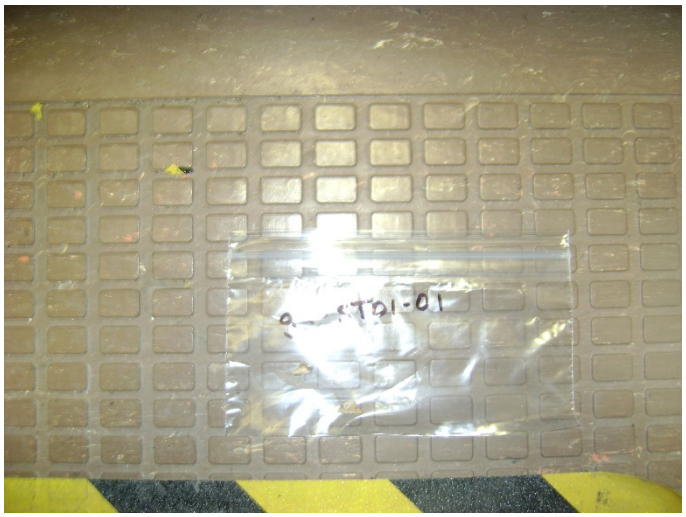

Photo 4 – View of tan step tread with tan mastic – None Detected.

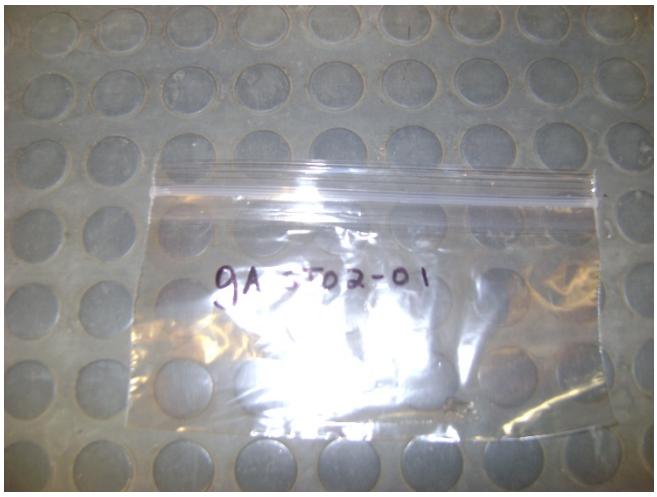

Photo 5 – View of gray step tread with cream mastic – None Detected.

Photo 6 – View of dark brown window caulking found to contain 2% Chrysotile asbestos.

Photo 7 – View of black sink undercoating – None Detected.

Photo 8 – View of composite drywall and joint compound – None Detected.

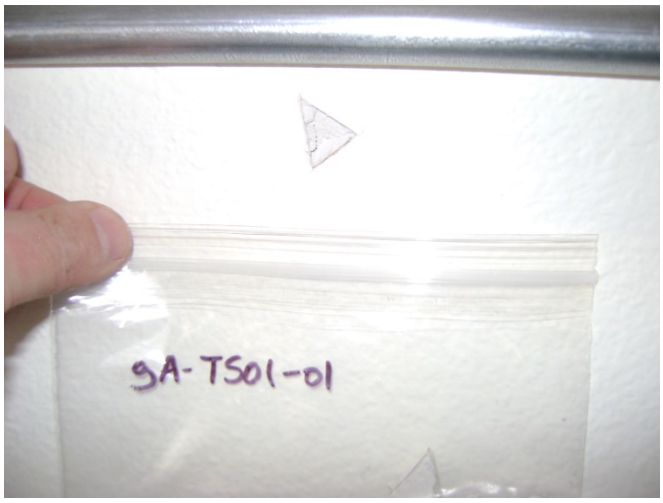

Photo 9 – View of white knock-down interior wall texture – None Detected.

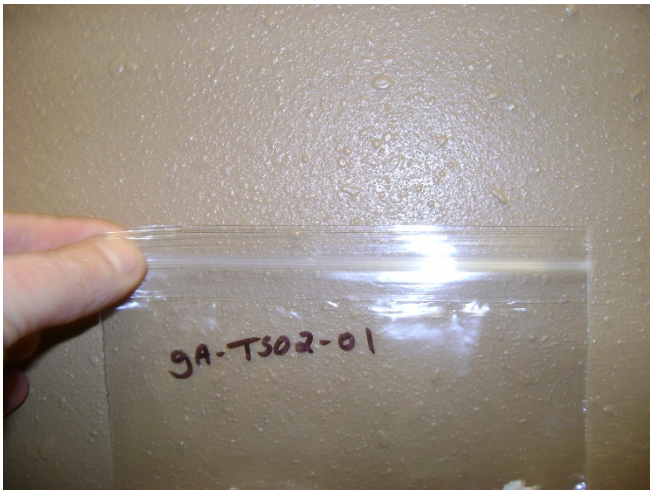

Photo 10 – View of white spatter pattern interior wall texture – None Detected.

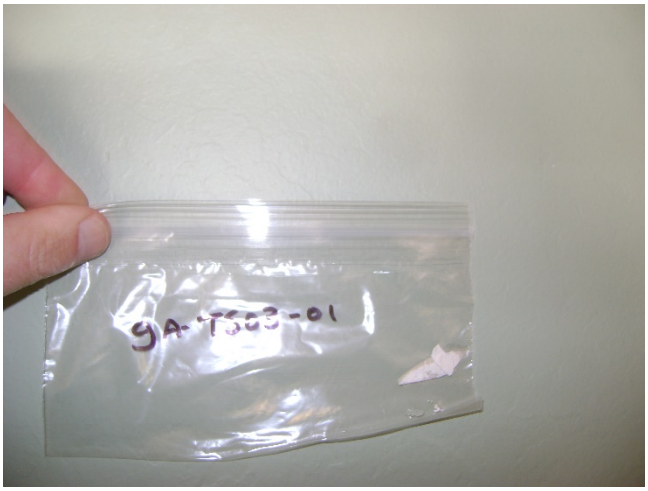

Photo 11 – View of trowel pattern interior wall texture – None Detected.

Photo 12 – View of yellow carpet adhesive – None Detected.

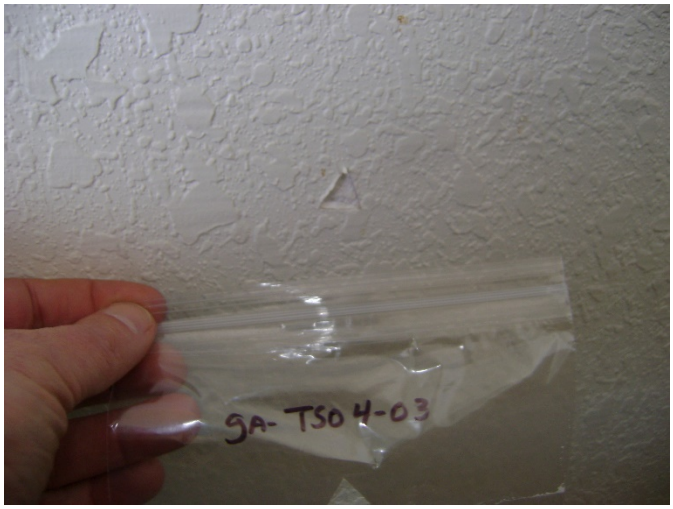

Photo 13 – View of heavy knock-down texture on drywall – None Detected.

Photo 14 – View of medium spatter texture on drywall – None Detected.

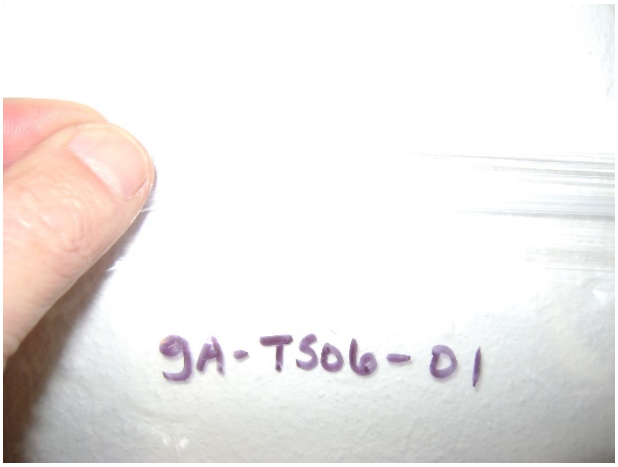

Photo 15 – View of light spatter interior wall texture – None Detected.

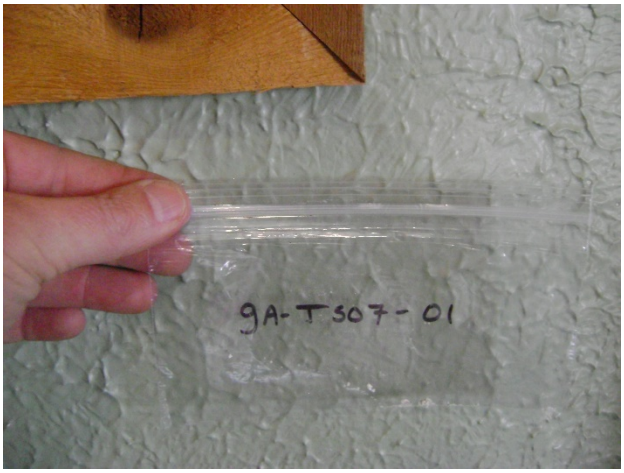

Photo 16 – View of heavy sponge pattern interior wall texture – None Detected.

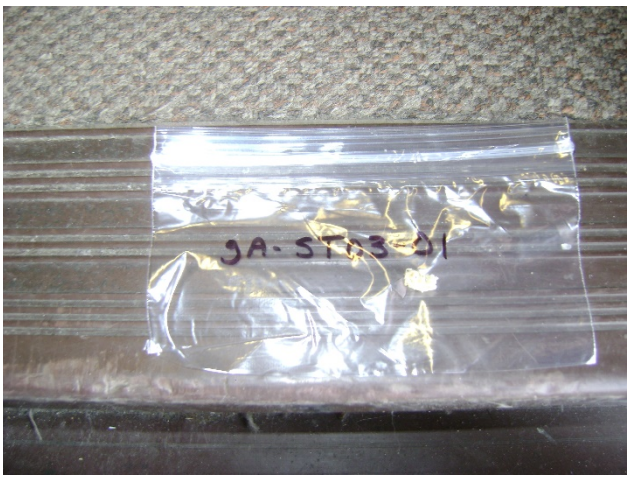

Photo 17 – View of brown step tread with tan mastic – None Detected.

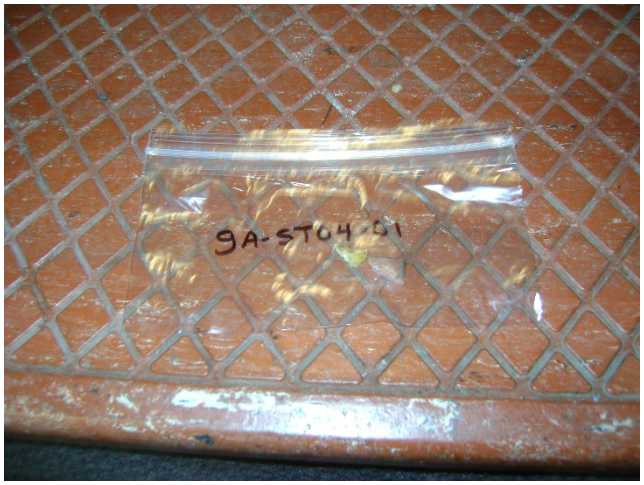

Photo 18 – View of red step tread with yellow mastic – None Detected.

Photo 19 – View of brown step tread with tan mastic – None Detected.

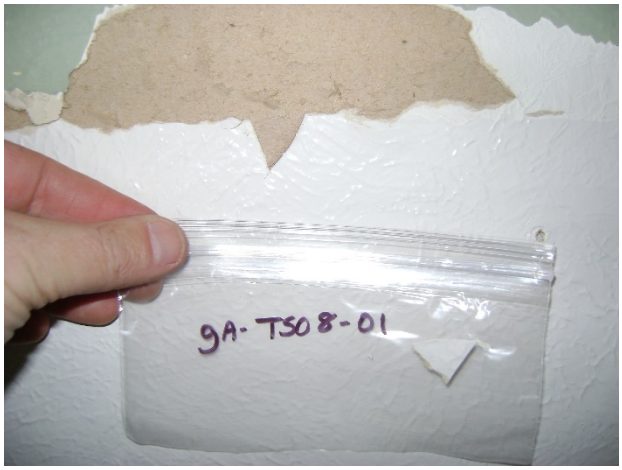

Photo 20 – View of sponge pattern interior wall texture – None Detected.

Photo 21 – View of maroon 12-inch floor tile with yellow mastic – None Detected.

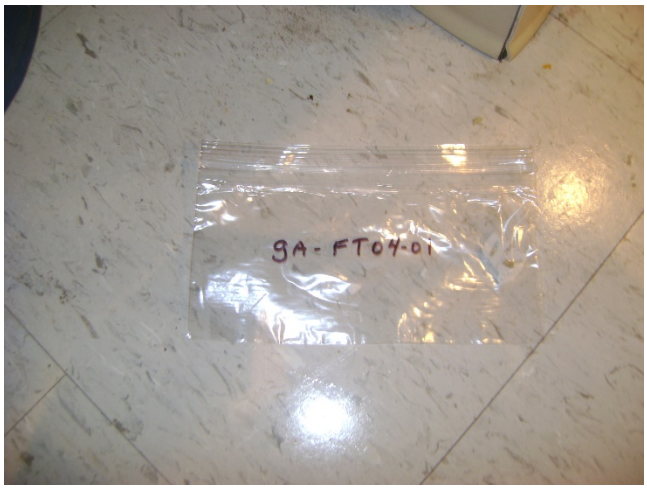

Photo 22 – View of off-white 12-inch floor tile with blue streaks – None Detected.

Photo 23 – View of gray ceramic tile grout – None Detected.

Photo 24 – View of yellow cove base adhesive – None Detected.

APPENDIX E

Certifications

Colorado Department
of Public Health
and Environment

ASBESTOS CERTIFICATION*

This certifies that

Chris J. Thompson

Certification No.: 5923

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:

Building Inspector*

Issued: **November 08, 2017**

Expires: **November 08, 2018**

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

Jacquie Barela
Authorized APCD Representative

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Denver, CO 80221,
United States of America

CERTIFICATE OF ACHIEVEMENT

This certificate is awarded to:

Chris Thompson

In recognition of satisfactory completion of the EPA-approved annual asbestos refresher training course under section 206 of the Toxic Substance Control Act (TSCA), Title II entitled:

Building Inspector

Course Date:	October 31, 2017
Expiration Date	October 31, 2018
Course Hours:	4.0

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Danaya N. Benedetto
Co-Founder & CEO
Training Program Manager

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Scott Nelson
Instructor

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