

CDPHE Fourmile Canyon Sampling Requirements

Ash/debris from the building and remaining building materials must be treated as asbestos-containing waste materials (“ACWM”). If a homeowner wishes to prove that these materials are not asbestos-containing, an inspection of the premises and sampling must take place.

- I. The inspection must be done by a Colorado-certified asbestos Building Inspector. The Inspector must collect the required information, determine the appropriate number and locations of samples and submit his/her proposal to the Asbestos Unit at CDPHE for approval prior to sampling. The proposal must contain, at a minimum, the items listed below in Section IV, and in the order in which they are listed.
- II. Information the Building Inspector must obtain from building owner/occupants or from official records:
 - a. Year of construction and dates of any additions/remodels
 - b. Was the building built on a basement or slab-on-grade?
 - c. Type of construction - log cabin, one-story, two-story, etc.
 - d. List/description of building materials, inside and out:
 - i. Roofing, siding, stucco
 - ii. Walls, ceilings, floors (i.e., Was there plaster/drywall/ceiling tiles/linoleum/floor tile/asphalt roofing shingles/transite etc.?)
 - iii. Other miscellaneous materials
 - e. Building materials to be recycled, such as metal or concrete.
 - f. Building components to be re-used, such as foundations, fireplaces, bricks, etc.
- III. Information the Building Inspector must document on site:
 - a. Diagram of building site, including dimensions of debris pile.
 - b. Are there recognizable building materials in the debris?
 - c. Is the foundation intact?
 - d. How deep is the ash?
- IV. Information to be submitted to the Division
 - a. Full address of site

- b. Diagram or sketch of the building footprint, with dimensions clearly marked
- c. Sketch of debris pile superimposed on the diagram of the building footprint. Include depth(s) of debris pile in your sketch
- d. Current description of the foundation
- e. Photographs, numbered and labeled with a description of what the photo depicts
- f. Year(s) construction/additions/remodels:
- g. Type of construction:
- h. List of building materials present prior to the fire:
 - i. Roofing:
 - ii. Siding:
 - iii. Walls:
 - iv. Ceilings:
 - v. Floors:
 - vi. Other:
- i. List of intact or partially intact building materials
- j. List of materials to be recycled
- k. List of building components to be re-used
- l. Sampling Plan - The plan shall include a sketch or drawing showing sampling locations, with a brief explanation of how the sampling locations were selected and how the number of samples to be collected was determined.
- m. Dimensional sampling? If not, why not? If yes, how deep are the samples to be collected and how will they be collected.
- n. Type of analysis? PLM/TEM
- o. Name of Building Inspector, certification #, expiration date, Asbestos Consulting Firm name and certification #

V. Recommended Analytical Approach

- a. Minimize costs by using “progressive analysis” (i.e., stop analysis after first occurrence of a positive result)

VI. Interpretation of Results

- a. Presence/Absence. **Any one sample** result showing the presence of asbestos fibers will mean that **all** building debris be handled and disposed of as asbestos-containing waste material.