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Asbestos Sampling Report & Lead Based Paint Assessment

PROJECT SUMMARY

Reason for inspection:

- Client is considering complete demolition of the home to rebuild in the same location.

Note: Additional information located below.

INSPECTION PROCESS AND SAMPLING PROCEDURES

Asbestos is a generic name given to a number of naturally occurring hydrated mineral silicates that possess a unique crystalline structure, are incombustible in air, and are separable into fibers. Asbestos includes asbestiform varieties of chrysotile (serpentine); crocidolite (riebeckite); amosite (cummingtonite-grunerite); anthophyllite; tremolite, and actinolite. Inhalation of asbestos fibers has been linked to diseases such as asbestosis, lung cancer, and mesothelioma.

All asbestos sampling performed by Environix is carried out pursuant to 40 CFR 763.86 as required by both AHERA and ASHARA. All samples will be collected by an AHERA accredited asbestos building inspector and analyzed by polarized light microscopy by a laboratory accredited by the National Bureau of Standards (NBS). All asbestos samples are taken under wet-removal method to limit the likelihood of airborne particles being released.

Notes and Terms:

- Homogeneous Sampling Area- An areas of suspected asbestos containing building materials which appears similar throughout in color, texture, and date of material application.
- Thermal System Insulation- Material applied to pipes, fittings, boilers, breechings, tanks, ducts, or other interior structural components to prevent heat loss or gain, or water condensation, or for other purposes.
- Surfacing Material- Material that is sprayed-on, troweled-on, of otherwise applied to surfaces, such as acoustical plaster on ceilings and fireproofing materials on structural members, or other materials on surfaces for acoustical, fireproofing, or other purposes.
- Miscellaneous Material- Interior building material on structural components, structural members or fixtures, such as floor and ceiling tiles, and does not include thermal system insulation or surfacing materials.

OBSERVATIONS

- **Records indicate that this home was constructed in 1981, and therefore, does NOT require lead based testing.**

Homogeneous Sampling Area Number: [KA-01-01](#)

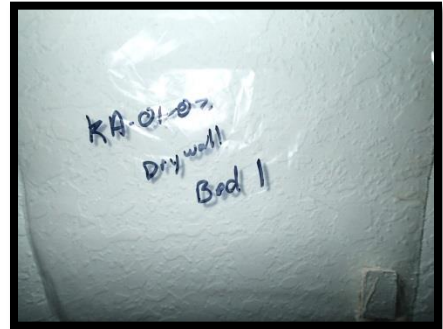
- Description of Material: Drywall system
- Color: Cream Pattern: None
- Condition: Good
- Category: MISC
- Locations: Living Room
- Quantity/Area: 4000 SF
- Sample Location Wall



Result: None Detected!

Homogeneous Sampling Area Number: [KA-01-02](#)

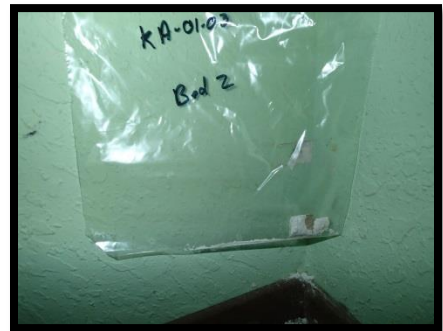
- Description of Material: Drywall system
- Color: White Pattern: None
- Condition: Good
- Category: MISC
- Locations: Bedroom
- Quantity/Area: 4000 SF
- Sample Location Wall



Result: None Detected!

Homogeneous Sampling Area Number: [KA-01-03](#)

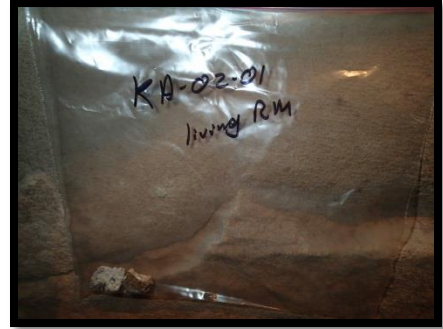
- Description of Material: Drywall system
- Color: Green Pattern: None
- Condition: Good
- Category: MISC
- Locations: Bedroom 2
- Quantity/Area: 4000 SF
- Sample Location Wall



Result: None Detected!

Homogeneous Sampling Area Number: [KA-02-01](#)

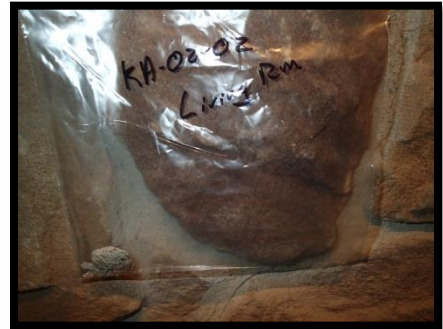
- Description of Material: Mortar
- Color: Grey Pattern: None
- Condition: Good
- Category: MISC
- Locations: Living Room
- Quantity/Area: 80 SF
- Sample Location Fireplace



Result: None Detected!

Homogeneous Sampling Area Number: [KA-02-02](#)

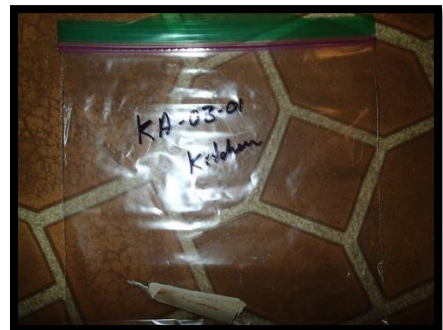
- Description of Material: Mortar
- Color: Grey Pattern: None
- Condition: Good
- Category: MISC
- Locations: Living Room
- Quantity/Area: 80 SF
- Sample Location Fireplace



Result: None Detected!

Homogeneous Sampling Area Number: [KA-03-01](#)

- Description of Material: Sheet Flooring
- Color: Earth Tones Pattern: Grid
- Condition: Good
- Category: MISC
- Locations: Kitchen
- Quantity/Area: 90 SF
- Sample Location Floor



Result: Asbestos Detected! Material: Gray fibrous Type: Chrysotile Amount: 45%
Result: Asbestos Detected! Material: Tan mastic Type: Chrysotile Amount: 2%

Homogeneous Sampling Area Number: [KA-03-02](#)

- Description of Material: Sheet Flooring
- Color: Earth Tones Pattern: Grid
- Condition: Good
- Category: MISC
- Locations: Kitchen
- Quantity/Area: 90 SF
- Sample Location Floor



Result: Asbestos Detected! Material: Gray fibrous Type: Chrysotile Amount: 45%
Result: Asbestos Detected! Material: Tan mastic Type: Chrysotile Amount: 2%

Homogeneous Sampling Area Number: [KA-04-01](#)

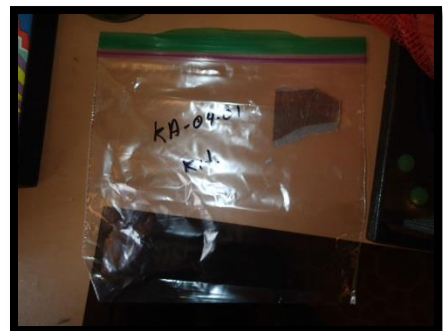
- Description of Material: Formica
- Color: Beige Pattern: None
- Condition: Good
- Category: MISC
- Locations: Kitchen
- Quantity/Area: 40 SF
- Sample Location Counter top



Result: None Detected!

Homogeneous Sampling Area Number: [KA-04-02](#)

- Description of Material: Formica
- Color: Beige Pattern: None
- Condition: Good
- Category: MISC
- Locations: Kitchen
- Quantity/Area: 40 SF
- Sample Location Counter top



Result: None Detected!

Homogeneous Sampling Area Number: [KA-05-01](#)

- Description of Material: Sheet Flooring
- Color: Earth Tones Pattern: Grid
- Condition: Good
- Category: MISC
- Locations: Hall Bath
- Quantity/Area: 40 SF
- Sample Location Floor



Result: Asbestos Detected! Material: Gray fibrous Type: Chrysotile Amount: 45%
Result: Asbestos Detected! Material: Yellow mastic Type: Chrysotile Amount: 2%

Homogeneous Sampling Area Number: [KA-05-02](#)

- Description of Material: Sheet Flooring
- Color: Earth Tones Pattern: Grid
- Condition: Good
- Category: MISC
- Locations: Hall Bath
- Quantity/Area: 40 SF
- Sample Location Floor



Result: Asbestos Detected! Material: Gray fibrous Type: Chrysotile Amount: 45%
Result: Asbestos Detected! Material: Yellow mastic Type: Chrysotile Amount: 2%

Homogeneous Sampling Area Number: [KA-06-01](#)

- Description of Material: Formica
- Color: Beige Pattern: None
- Condition: Good
- Category: MISC
- Locations: Hall Bath
- Quantity/Area: 6 SF
- Sample Location Counter top



Result: None Detected!

Homogeneous Sampling Area Number: [KA-06-02](#)

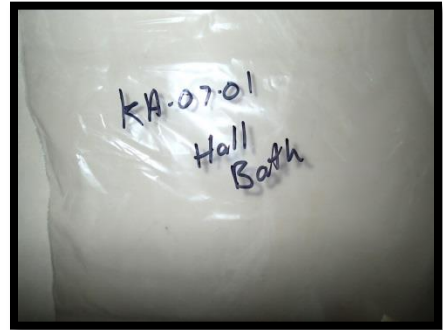
- Description of Material: Formica
- Color: Beige Pattern: None
- Condition: Good
- Category: MISC
- Locations: Hall Bath
- Quantity/Area: 6 SF
- Sample Location Counter top



Result: None Detected!

Homogeneous Sampling Area Number: [KA-07-01](#)

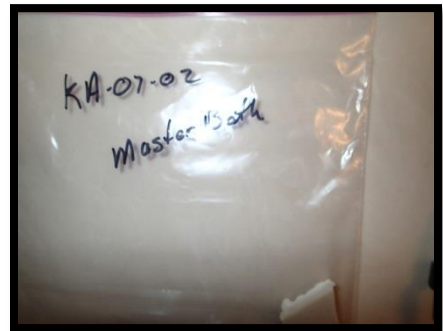
- Description of Material: Cultured Marble
- Color: Light Grey Pattern: Swirl
- Condition: Good
- Category: MISC
- Locations: Hall Bath
- Quantity/Area: 140 SF
- Sample Location Wall



Result: None Detected!

Homogeneous Sampling Area Number: [KA-07-02](#)

- Description of Material: Cultured Marble
- Color: Light Grey Pattern: Swirl
- Condition: Good
- Category: MISC
- Locations: Master Bath
- Quantity/Area: 140 SF
- Sample Location Wall



Result: None Detected!

Homogeneous Sampling Area Number: [KA-08-01](#)

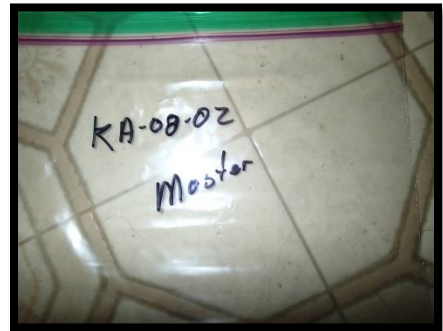
- Description of Material: Sheet Flooring
- Color: Light Earth Tones Pattern: Grid
- Condition: Good
- Category: MISC
- Locations: Master Bath
- Quantity/Area: 50 SF
- Sample Location Floor



Result: Asbestos Detected! Material: Gray fibrous Type: Chrysotile Amount: 45%
Result: Asbestos Detected! Material: Yellow mastic Type: Chrysotile Amount: 2%

Homogeneous Sampling Area Number: [KA-08-02](#)

- Description of Material: Sheet Flooring
- Color: Light Earth Tones Pattern: Grid
- Condition: Good
- Category: MISC
- Locations: Master Bath
- Quantity/Area: 50 SF
- Sample Location Floor



Result: Asbestos Detected! Material: Gray fibrous Type: Chrysotile Amount: 45%
Result: Asbestos Detected! Material: Yellow mastic Type: Chrysotile Amount: 2%

Homogeneous Sampling Area Number: [KA-09-01](#)

- Description of Material: Drywall system
- Color: Cream Pattern: None
- Condition: Good
- Category: MISC
- Locations: Basement
- Quantity/Area: 2000 SF
- Sample Location Wall



Result: None Detected!

Homogeneous Sampling Area Number: [KA-09-02](#)

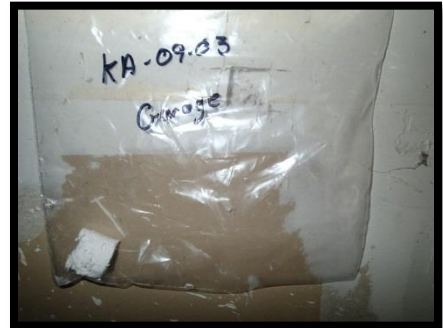
- Description of Material: Drywall system
- Color: Cream Pattern: None
- Condition: Good
- Category: MISC
- Locations: Basement
- Quantity/Area: 2000 SF
- Sample Location Wall



Result: None Detected!

Homogeneous Sampling Area Number: [KA-09-03](#)

- Description of Material: Drywall system
- Color: White Pattern: None
- Condition: Good
- Category: MISC
- Locations: Garage
- Quantity/Area: 2000 SF
- Sample Location Wall



Result: None Detected!

Homogeneous Sampling Area Number: [KA-10-01](#)

- Description of Material: Sheet Flooring
- Color: Earth Tones Pattern: Grid
- Condition: Good
- Category: MISC
- Locations: Laundry Room
- Quantity/Area: 80 SF
- Sample Location Floor



Result: None Detected!

Homogeneous Sampling Area Number: [KA-10-01](#)

- Description of Material: Sheet Flooring
- Color: Earth Tones Pattern: Grid
- Condition: Good
- Category: MISC
- Locations: Laundry Room
- Quantity/Area: 80 SF
- Sample Location Floor



Result: None Detected!

Homogeneous Sampling Area Number: [KA-11-01](#)

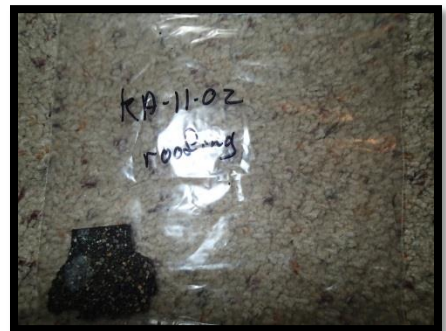
- Description of Material: Asphalt Shingles
- Color: Black Pattern: None
- Condition: Good
- Category: MISC
- Locations: Exterior
- Quantity/Area: 2000 SF
- Sample Location Roof



Result: None Detected!

Homogeneous Sampling Area Number: [KA-11-02](#)

- Description of Material: Asphalt Shingles
- Color: Black Pattern: None
- Condition: Good
- Category: MISC
- Locations: Exterior
- Quantity/Area: 2000 SF
- Sample Location Roof



Result: None Detected!

POSITIVE LABORATORY RESULTS

Homogenous Sampling Area	Sample Number	Result
<u>Kitchen</u>	KA-03-01	<u>Asbestos Detected!</u>
<u>Kitchen</u>	KA-03-01	<u>Asbestos Detected!</u>
<u>Kitchen</u>	KA-03-02	<u>Asbestos Detected!</u>
<u>Kitchen</u>	KA-03-02	<u>Asbestos Detected!</u>
<u>Hall Bath</u>	KA-05-01	<u>Asbestos Detected!</u>
<u>Hall Bath</u>	KA-05-01	<u>Asbestos Detected!</u>
<u>Hall Bath</u>	KA-05-02	<u>Asbestos Detected!</u>
<u>Hall Bath</u>	KA-05-02	<u>Asbestos Detected!</u>
<u>Master Bath</u>	KA-08-01	<u>Asbestos Detected!</u>
<u>Master Bath</u>	KA-08-01	<u>Asbestos Detected!</u>
<u>Master Bath</u>	KA-08-02	<u>Asbestos Detected!</u>
<u>Master Bath</u>	KA-08-02	<u>Asbestos Detected!</u>

Recommendations Based on Results:

- If asbestos is detected in any of the materials tested, contact a certified asbestos abatement firm to provide a protocol and pricing for proper abatement. The EPA's website has a full list of qualified asbestos abatement companies in the State of Washington for all areas.

FLOOR PLAN

