

Asbestos Survey Report

for

Umpqua National Forest

**Tiller Ranger Station
Residence #1210**

1 Building

PREPARED BY

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Table of Contents

1. General Information

Introduction
Survey scope

2. Homogeneous Areas of Suspect ACM

3. Building Diagrams with:

Building dimensions
Bulk sample locations
Positive homogeneous areas (except sheetrock joint compound)

4. Bulk Sample Inventory Sheet

5. Photographic Summary of Positive Homogeneous Areas

6. Field Assessment and Response Action Sheets for Positive Homogeneous Areas

7. Bulk Sample Analysis Reports

Sample analysis
Quality assurance

8. Accreditations

Inspector
Laboratory

General Information

Introduction

ECS/Wagner Environmental conducted an asbestos survey for Rich Howard, of Umpqua National Forest at the Tiller Ranger Station. This survey was conducted at Residence #1210 on July 12, 1993. This survey report used the Asbestos Hazard Emergency Response Act (AHERA) final rule 40 CFR part 763 as a guideline. This survey was conducted in all accessible areas of the residence.

Survey Scope

The inspection included locating, identifying, photographing, and sampling materials suspected of containing asbestos. Samples were collected from damaged areas and/or areas where the damage to existing materials or finishes was minimized. All bulk samples were submitted to our NVLAP accredited laboratory for analysis.

All suspect building materials are listed on the "Homogeneous Areas of Suspect ACM" sheet.

The Homogeneous Areas (H.A.) that tested positive for asbestos are quantified (except sheetrock joint compound), mapped on the bulk sample location diagram, and summarized on the assessment and response action sheets. Each asbestos containing material (ACM) has an assessment sheet with a corresponding recommended response action sheet. The H.A. which have the same assessment were put on the same page with the Homogeneous Area # (HA#) and specific location under material location. A description and location is given for each H.A..

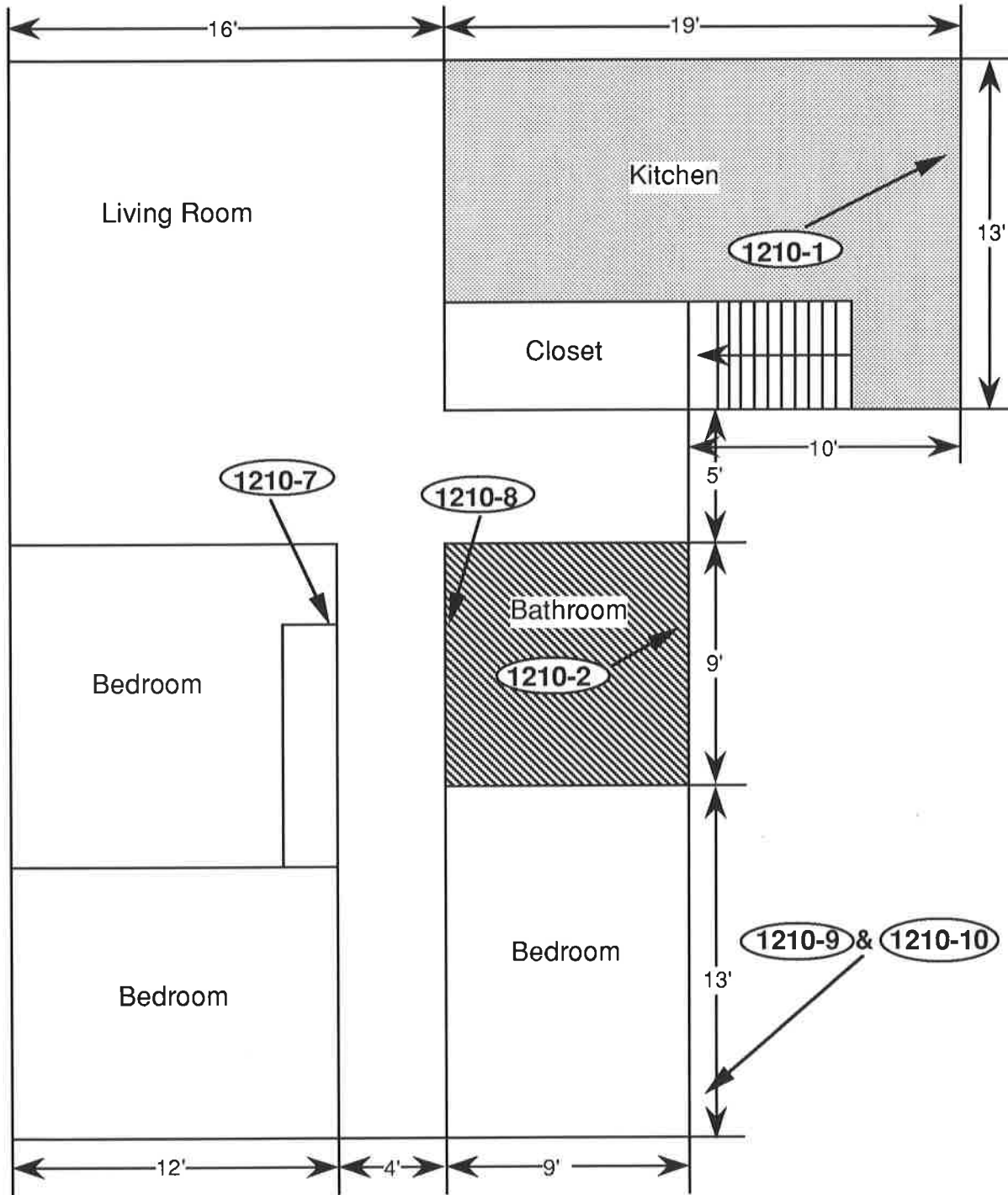
Asbestos containing materials may be hidden behind walls, above ceilings and under the present floor materials which could not be seen during this survey without destroying existing finishes. Additional sampling may be necessary in areas where demolition or renovation activities will occur.

HOMOGENEOUS AREAS OF SUSPECT ACM

Residence # 1210

H.A. #	Description	Location	Friable	Asbestos
1	Sheet Vinyl - Green	Kitchen, dining, pantry	No	Yes
2	Sheet Vinyl - Tan	Upstairs bathroom	No	Yes
3	Floor Tile - 9"x 9" Green	Downstairs bathroom	No	Yes
4	Mastic behind H.A.# 3	Downstairs bathroom	No	No
5	Vibration Coupler	Basement between furnace and duct	Yes	No
6	Duct Joint Tape	Basement, on seams between ducts	Yes	No
7	Sandy-Texture sheetrock, tape, and joint compound	Walls and ceiling 1st. fl.except bathroom	No	No
8	Sheetrock, tape, joint cpd.	Walls and ceiling of upstairs bathroom	No	Yes
9	3 Tab asphalt shingle	Roof throughout	No	No
10	Roofing Felt	Under H.A. #9 throughout	No	No

Umpqua National Forest Tiller Building #1210 Main Level

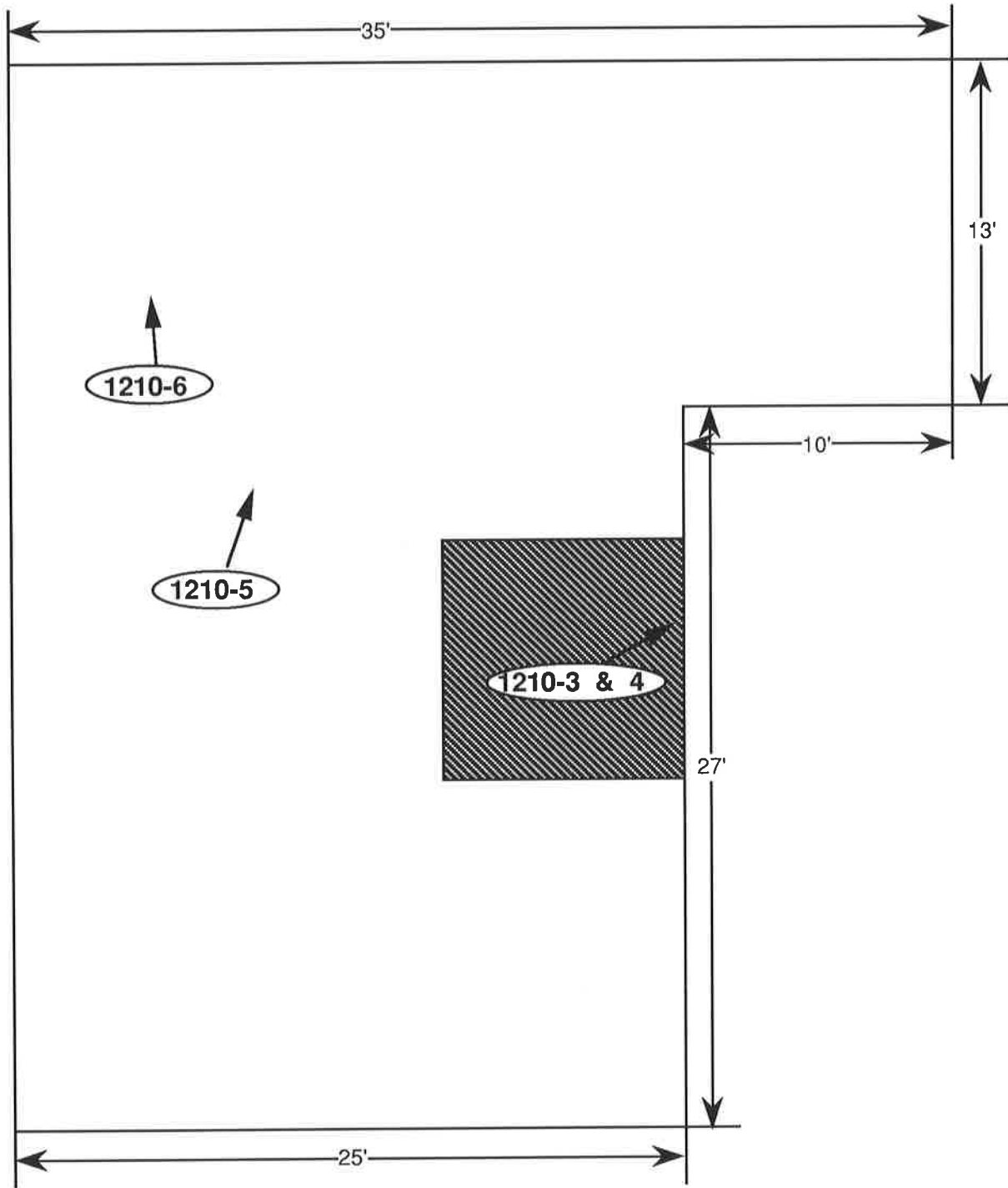


0000-0 Bulk Sample Locations

- H.A. #1 Asbestos containing sheet vinyl
- H.A. #2 Asbestos containing sheet vinyl



Umpqua National Forest Tiller Building #1210 Basement



0000-0 Bulk Sample Locations

H.A. #3  Asbestos containing 9" x 9' floor tile

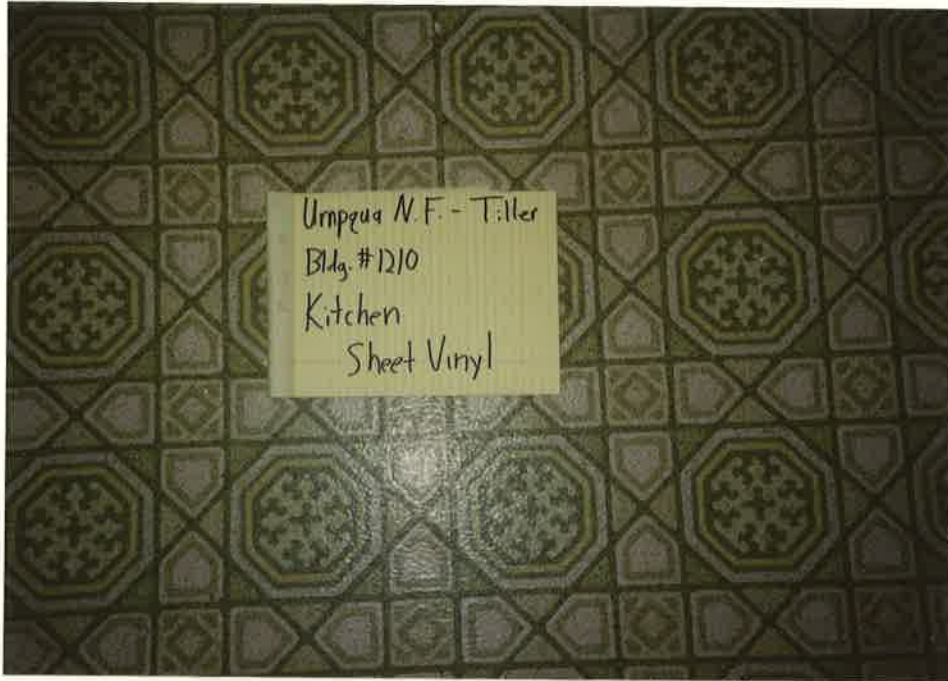


Residence #1210

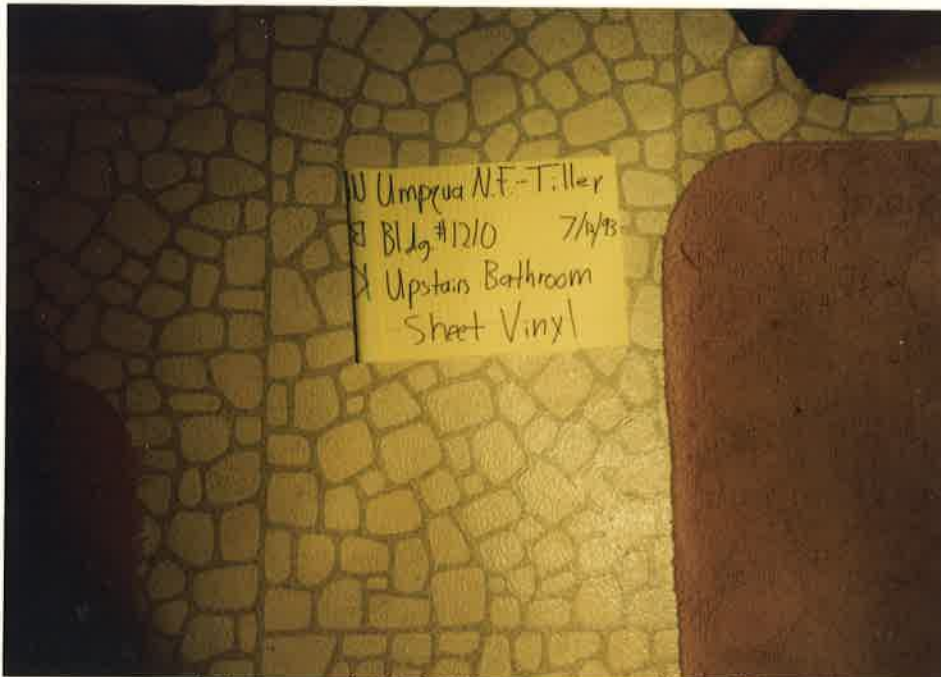
Bulk Sample Inventory Sheet

Sample #	Material description	Sample location	Results (+ -)	Asbestos percent
1210-1	Sheet Vinyl - Green	Kitchen pantry	+	15%
1210-2	Sheet Vinyl - Tan	Bathroom main level floor grille	+	20%
1210-3	Floor Tile - 9"x 9" Green	Basement bathroom, behind toilet	+	3%
1210-4	Mastic behind 1210-3	Same as 1210-3	-	
1210-5	Vibration Coupler	Between furnace and duct	-	
1210-6	Duct Joint Tape	Basement on duct seam	-	
1210-7	Sheetrock texture, tape joint compd.	Behind light cover West bedroom	-	
1210-8	Sheetrock texture, tape joint compd.	Bathroom, damaged area beside tub	+	8%
1210-9	3 Tab asphalt shingle	Northeast corner of roof	-	
1210-10	Roofing Felt under 1210-9	Same as 1210-9	-	

Photographs Residence #1210



Photograph #1 is Homogenous Area #1



Photograph #2 is Homogenous Area #2

Photographs Residence #1210



Photograph #3 is Homogenous Area #3



Photograph #4 is Homogenous Area #8