

**UNIVERSITY OF VIRGINIA
ENVIRONMENTAL HEALTH AND SAFETY**

SPECIAL MATERIALS HANDLING FACILITY
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DATE : 12-6-07

BUILDING: Orchard Housing Units #1-5

AREA(S) INSPECTED: Interior and Exterior Paints

The Office of Environmental Health and Safety has performed a minimal survey for the presence of lead-based paints (LBP) within one of the apartments to date, utilizing an X-Ray Fluorescence (XRF) instrument. Generally, the results show the presence of lead on the exterior wooden trim materials, interior wooden trim materials, and the ceramic bathtub glazing materials. Not all of the apartments have been tested.

A representative number of the above described paints were tested and yielded a "positive" result, which means that at least one of the XRF readings of the type of paint in question contained lead above the Housing and Urban Development (HUD) action level of 1.0 mg/cm², and are considered lead-based paints.

All wall and ceiling paints tested to date have showed "negative" (or "non-lead") results, but not all surfaces have been tested. All bathtub glazing materials have been found to be stable and in good condition. Under normal use of ceramic tubs and/or sinks, and provided they are not significantly disturbed (pulverized, sanded, etc.), it is extremely unlikely that the lead in the glazing would present any health risks.

Any paints in poor condition, described as exhibiting signs of peeling, chipping, or flaking, should be properly stabilized in accordance with Chapter 11 of the HUD guidelines entitled "Interim Controls".

Marlin Phillips
Environmental Health and Safety
Hazardous Materials Officer
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