

**UNIVERSITY OF VIRGINIA  
ENVIRONMENTAL HEALTH AND SAFETY**

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DATE : 12-7-07

BUILDING: Vyssotsky Cottage

AREA(S) INSPECTED: Interior and Exterior Paints

The Office of Environmental Health and Safety completed a survey for the presence of lead-based paints (LBP) from within Vyssotsky Cottage (Observatory House #2) in 1999, utilizing an X-Ray Fluorescence (XRF) instrument. Generally, the results show the presence of lead on the interior wooden window, door, closet, and baseboard trim components, the ceramic glazing associated with the bathtubs, sinks, and toilets, and all exterior painted surfaces, excluding the metal gutters.

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/cm<sup>2</sup>, and are considered lead-based paints. All interior wall and ceiling paints, wooden staircase component paints, and exterior metal gutter paints have been shown to be "negative", or "non-lead".

All glazing materials have been found to be stable and in good condition. Under normal use of these ceramic fixtures, 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. Additionally, 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".

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