



Lead Paint Survey, Boundary Land Port of Entry, Colville, WA; Randolph Construction Services/Meier Architecture-Engineering for the US Department of Homeland Security – Customs and Border Protection
White Shield conducted a Lead-Based Paint Survey at the Boundary Land Point of Entry located at the United States/Canadian Border on Northport-Waneta Road in Washington State. The structure was a two story building consisting of a lobby, main office & supervisor's office, a booth, a holding cell, computer room, storage room, lunch room, three bathrooms, and generator room. The inspection was conducted using a visual inspection of the interior and exterior walls and using the Innov-X Systems Alpha Series XRF Spectrum Analyzer. This instrument is equipped with a tube-based Xray system which meets the Environmental Protection Agency (EPA) and U.S. Department of Housing and Urban Development (HUD) guidelines for Lead-Based Paint (LBP). Building components were tested on the interior and exterior by room/location to ensure a full inspection of the structure. Homogenous areas such as window sills or walls on the same elevation were not necessarily tested and were assumed to have the same painting history. Sample locations were chosen on a random basis by the Risk Assessor for each building component tested. It was assumed that the entire component contained LBP if the reading was Positive and likewise if it was Negative. Some components were sampled for the following reasons: homogenous with other components on the same elevation, bare substrate (not painted), and non-existent (i.e. mouth of hallway does not have a wall), and/or lack of access to the component(s). The XRF results indicated that there was no Lead-Based Paint on the interior or exterior components of the structure.

Lead Paint Survey, Frontier Land Port of Entry, Northport, WA; Randolph Construction Services/Meier Architecture-Engineering for the US General Services Administration
White Shield conducted a Lead- Based Paint Risk Assessment at the Frontier Border Crossing Station located at the United States/Canadian Border on Highway 25 North in Washington. The structure is a one story building consisting of a main lobby, three offices, a holding cell, a computer room, lunch room, two bathrooms, and half basement. The inspection was conducted using a visual inspection of the interior and exterior walls and using the Innov-X Systems Alpha Series XRF Spectrum Analyzer. This instrument is equipped with a tube-based X-ray system which meets the Environmental Protection Agency (EPA) and U.S. Department of Housing and Urban Development (HUD) guidelines for Lead-Based Paint (LBP). Sample locations were chosen on a random basis by the Risk Assessor for each building component tested. It was assumed that the entire component contained LBP if the test was Positive and likewise if it was Negative. Six (6) of the one-hundred twenty (120) readings collected on the structure were positive for lead-based paint. Positives readings were collected from the steel beams and posts supporting the east side of the awning. All steel components of the awning were considered positive for lead-based paint. All interior readings within the border crossing station tested negative for lead-based paint. All readings collected from the border crossing booth tested negative for lead-based paint.