

FACTSHEET: Lead Risk Assessments

Who?

The Directorate of Public Works programs for Lead Risk Assessments to be performed in all tenant housing on Rock Island Arsenal (RIA) constructed prior to 1978. The work is accomplished through the Base Operations (BSOPs) contract as part of the RIA Lead Based Paint Management Program. Current BSOPs contractor is Rock Island Integrated Services, Inc. (RIIS).

What?

Lead Risk Assessments are currently conducted in 52 of the 54 family housing units and two unaccompanied personnel housing (UPH) units on RIA. Of the 52 family housing units that are assessed, 12 are Historic Quarters; the remaining 40 are New Family Housing units. Quarters 703 and 705, constructed in 2011, cannot contain LBP hazards based on their year of construction.

Assessments/Sampling are completed to determine whether lead is present above Illinois Department of Public Health (IDPH) action levels, the most stringent of all applicable state and federal limits. Sampling and analyses are completed by certified, licensed technicians and accredited laboratories. United States Housing & Urban Development (HUD) guidelines are utilized for all sampling procedures. In addition to the dust wipe samples, a composite soil sample is collected from drip line sites around the exterior of each building. The IDPH action levels are:

- 40 parts per billion/square foot for floors
- 200 parts per billion/square foot for window sills and all other horizontal surfaces
- 400 parts per million in high contact child play areas (bare soil)
- 1000 parts per million all other areas (mulch)

Where?

Sampling is performed as follows:

- Historic Quarters – Buildings 2, 3, 4, 6, 7, 11, 12, 23, 24, 30, 31, and 34: All living area window sills and floor spaces are sampled. An additional floor sample is taken at the basement landing.
- New Family Housing – Buildings 92-100: In each residence, wipe samples are taken from 9 locations; no less than three window sill and 3 floor samples are used. One floor sample is always taken from the mechanical room floor.

When?

Lead Risk Assessments are performed on an annual basis; usually between September and November. Results are typically available within 30-calendar days of assessment/sampling. The contractor provides the results to the Lead Based Paint Management Program Team (LBPMPT) within 2 business days of receipt. The LMP performs the following within 3-days of receipt of results from RIIS:

- Evaluates results; prepares any necessary tenant notifications and coordinates with the RIA Health Clinic's Administration office.
- Delivers notifications to housing occupants accompanied by LBPMPT representatives from Public Works and RIA Health Clinic.
- Submits Service Orders (SO) for any required clean-up and retesting.

Clean-up actions and retesting are scheduled to commence within 7 business days after issuance of SO.

Why?

Title X of the (Congressional) 1992 Housing and Community Development Act mandated an exposure-based approach to dealing with lead-based paint hazards. The Lead Risk Assessment approach implemented by the Garrison for RIA housing comes from the HUD Guidelines. There is no legal mandate that Lead Risk Assessments be performed on all RIA housing units, on an annual basis.