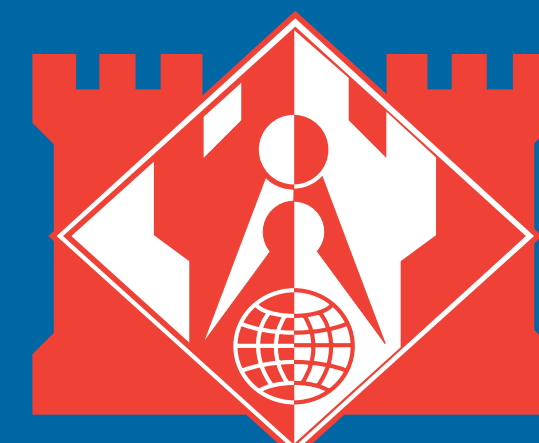


FUSRAP AREAS FEASIBILITY STUDY

for the Iowa Army Ammunition Plant



U.S. Army Corps of Engineers
St. Louis District

The U.S. Army Corps of Engineers (USACE), St. Louis District, issued a Feasibility Study (FS) identifying and evaluating four cleanup alternatives for soil and three for structures at Iowa Army Ammunition Plant (IAAAP) Formerly Utilized Sites Remedial Action Program (FUSRAP) areas. The areas addressed include Line 1 (structure only), Firing Sites Area, Yard C, Yard G, Yard L, and Warehouse 3-01 (structure only). Public comment regarding those alternatives, along with regulatory review will help determine the remedy selected for the site. The USACE will respond to all significant comments in the Responsiveness Summary of the IAAAP FUSRAP Record of Decision, which will identify the final remedy for the site based in part upon public comments received during the 30-day review period, ending May 22, 2011.



The FS identifies seven remedial alternatives for consideration.

Soil Alternative 1

No Action

Required by CERCLA to act as a baseline alternative for comparison with other alternatives.

Estimated 30-Year Cost: \$0

Soil Alternative 2

Land Use Controls

Provide additional land use controls such as fencing, warning signs, and other restrictions to reduce the potential for exposure to contaminated soil.

Estimated 30-Year Cost: \$2.3 million

Soil Alternative 3

Excavation of Depleted Uranium Contaminated Soil with Off Site Disposal

Excavation of depleted uranium contaminated soil where the remediation goal was exceeded. There is no treatment under this alternative. All excavated soil would be transported to a properly permitted off-site disposal facility.

Estimated 30-Year Cost: \$50.4 million

Soil Alternative 4

Excavation of Depleted Uranium Contaminated Soil with Physical Treatment and Off Site Disposal

Same excavation routine as Soil Alternative 3 with the addition of soil treatment onsite. This will reduce the volume of soil requiring off-site disposal and would include soil sorting and scanning for depleted uranium. Soil exceeding remedial goals for depleted uranium would be transported to a properly permitted off-site disposal facility.

Estimated 30-Year Cost: \$45.2 million

Structural Alternative 1

No Action

No cleanup actions at contaminated structures at FUSRAP areas. Required by CERCLA to act as a baseline alternative for comparison with other alternatives.

Estimated 30-Year Cost: \$0

Structural Alternative 2

Land Use Controls

Provide additional and use controls such as fencing, warning signs, and other restrictions to reduce the potential for exposure to contaminated structures

Estimated 30-Year Cost: \$286,000

Structural Alternative 3

Decontamination/Replacement of Structures

Includes cleaning with high pressure washing or grit blasting to remove contamination from structural surfaces or replacing the structural components. Includes decontamination of a steel grate and the replacement of air filters.

Estimated 30-Year Cost: \$103,000