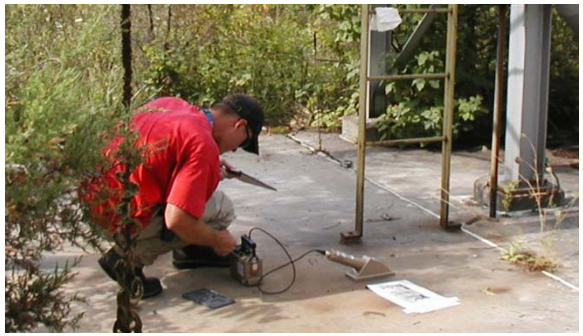
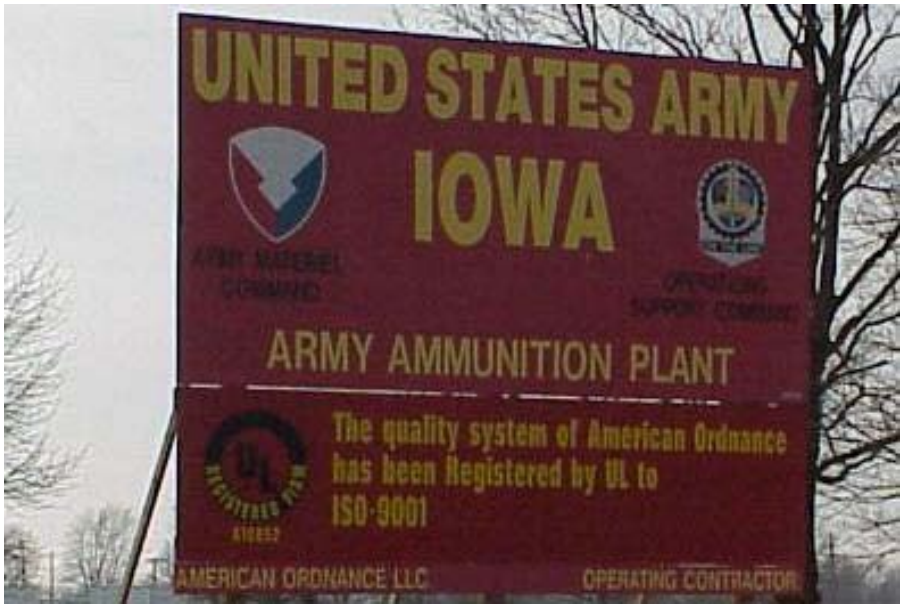
Tonight's Agenda

- Poster session with subject matter experts 5:00pm
- Facilitator Comments 6:00pm
- Program Manager's Briefing 6:05pm
- Public Comments 6:20pm
- Facilitator Summation and Conclusion ?





PUBLIC MEETING

Proposed Plan

Iowa Army Ammunition Plant (IAAAP)

Sharon Cotner, U.S. Army Corps of Engineers, St. Louis District

FUSRAP Formerly Utilized Sites Remedial Action Program

May 17, 2011

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What is FUSRAP?

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The Formerly Utilized Sites Remedial Action Program or FUSRAP is a national program.

- FUSRAP identifies and addresses contamination resulting from the nation's early atomic weapons program
- Originally managed by Dept of Energy
- In October 1997 Congress transferred FUSRAP execution from the Dept of Energy to the Army Corps of Engineers
- Follows the CERCLA process
- Requires investigations to protect public health, welfare, and the environment.

The Question is:

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Why is FUSRAP
interested in
the Iowa Army Ammunition Plant

?

Iowa Army Ammunition Plant (IAAAP): Background

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- Active, secure, government-owned, contractor-operated facility that occupies approximately 19,000 acres.
- Added to the National Priority List (NPL) in August 1990.
- Ongoing Army cleanup program under Dept of Defense Installation Restoration Program by Army
- Current and expected future land use is industrial/military.
- Operational ranges exist on the plant.

Iowa Army Ammunition Plant (IAAAP): FUSRAP

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- Atomic Energy Commission (AEC) operated on approximately 1600 acres of the IAAAP from 1947 until 1975. (Burlington Atomic Energy Commission Plant – BAECP)
- Former AEC activities included: administrative functions, photography, storage of materials, assembly of self contained components and munitions testing.
- In March 2000, after performing historical research, Dept of Energy determined that some former AEC portions of IAAAP may contain contamination
- In 2001 the site was included in FUSRAP.

FUSRAP Scope

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- FUSRAP is authorized to address contamination resulting from AEC activities and consequently its focus is on former AEC areas.

- FUSRAP Areas addressed in the Proposed Plan:
  - Line 1 (structures only)
  - Firing Sites Areas (consisting of 5 subareas) soils and structures
  - Yard C soil and structures
  - Yard G soil and structures
  - Yard L soil (areas surrounding Warehouses L-37-1, L-37-2, and L-37-3)
  - Warehouse 3-01 structure (building interiors)

Where we are now

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• 2001	IAAAP added to FUSRAP
• 2000 to 2007	Soil, sediment, buildings studied
• October 2008	Remedial Investigation Report
• April 2011	Feasibility Study and Proposed Plan
• April 22, 2011	Public Comment period begins
• May 17, 2011	Public Meeting
• May 22, 2011	30-day public comment period ends May 22, 2011
• Later this year	Record of Decision

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So what about the Alternatives?

- They address Depleted Uranium (DU) in soil and on structures.
- In the soil, it exists as fragments (“chunks”) and occasionally as fine particles.
- Four alternatives for soil were identified
- On structures, it was found in filters and on a metal sump grate in two buildings at Line 1.
- Three alternatives for structures were identified

Feasibility Study (FS)

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- **Remedial Alternatives for Soil**

  - **Alternative 1:** No Action for Soil – **Estimated Cost: $0**
  - **Alternative 2:** Land Use Controls for Soil - **Estimated Cost $2.3 million**
  - **Alternative 3:** Excavation of DU-Contaminated Soil with Off-Site Disposal – **Estimated Cost $50.4 million**
  - **Alternative 4:** Excavation of DU-Contaminated Soil with Physical Treatment and Off-Site Disposal – **Estimated Cost $45.2 million**

(A fact sheet is available tonight & the report is available online.)

Feasibility Study (FS)

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- **Remedial Alternatives for Structures**

  - **Alternative S1:** No Action for Structures - **Estimated Cost: $0**
  - **Alternative S2:** Land Use Controls for Structures - **Estimated Cost $286,000**
  - **Alternative S3:** Decontamination/ Replacement of Structures – **Estimated Cost $103,000**

(A fact sheet is available tonight & the report is available online.)

Proposed Plan (PP)

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- **USACE considered CERCLA evaluation criteria**
- **USACE recommends:**

  - Industrial cleanup levels for DU for soil and structures. (Soil – 150 pCi/g and Structure - 23,000 dpm/100 $cm^{2)}$
  - Alternative 4: Excavation of DU-Contaminated Soil with Physical Treatment and Off-Site Disposal
  - Alternative S3: Decontamination/Replacement of Structures

(*A fact sheet is available tonight & the plan is available on-line.)*

What this means to you

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The USACE encourages public input.

What you can do:

1. Learn more
   - www.mvs.usace.army.mil/eng-con/expertise/fusrap.html
   - www.iaaap.adminrecord.com
   - www.iowaaap-irp.com
2. Send us your thoughts:
   - Written comments may be submitted to the USACE at any time during the 30-day period (including tonight.) Oral comments will be recorded tonight.

We'd like to hear from you…

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Written comments may be mailed during the 30-day comment period to

U.S. Army Corps of Engineers, St. Louis District
FUSRAP Project Office
8945 Latty Ave/ Berkeley, MO 63134

Written comments may also be faxed to: 314-260-3941

Oral Comments – May be submitted now.