

# Military Munitions Response Program

Utah National Guard



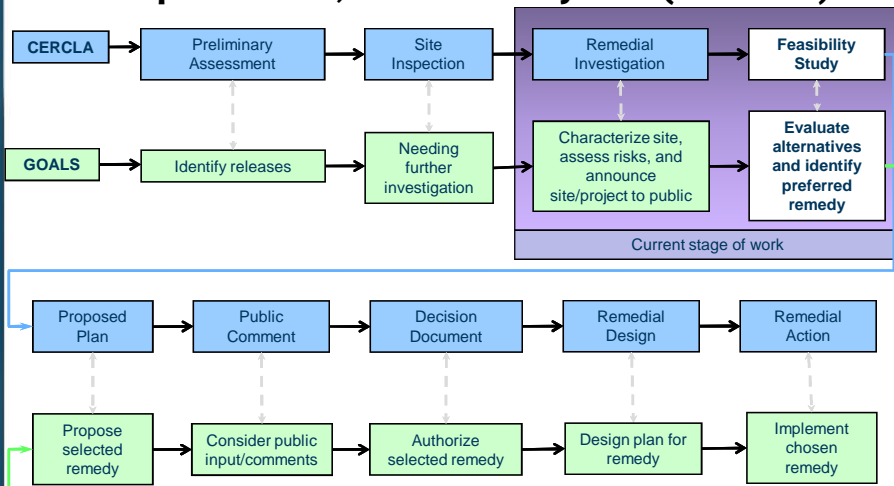
## Feasibility Study Phase Overview

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## Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)



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## Definition

A **Feasibility Study** is a report that analyzes a range of options to address contamination/munitions at a munitions response site.



Appropriate options ensure the protection of human health and the environment by:

- Elimination of the hazard
- Reducing the hazard to acceptable risk levels
- Preventing exposure to the hazard through engineering or institutional controls



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## Development and Screening of Alternatives

- Identify potential technologies/methods
- Screen technologies/methods
- Assemble technologies into alternatives
- Screen alternatives as necessary
  - Effectiveness
  - Implementability
  - Cost
  - Reduction of toxicity, mobility, or volume through treatment



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## Basic Alternatives

- No Action
- Land Use Controls
  - Engineering: fencing, signs
  - Institutional Controls: deed restrictions, educational materials, dig permits
- Surface Removal
- Subsurface Removal to a Specific Depth
- Construction Support as needed.



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## Detailed Analysis of Alternatives

- Further defines alternatives as necessary
- Analyze alternatives against evaluation criteria
- Compare alternatives against each other



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## Evaluation Criteria

1. Overall protection of human health and the environment
2. Compliance with applicable or relevant and appropriate requirement (ARARs)
3. Long-term effectiveness and performance
4. Reduction of toxicity, mobility, or volume through treatment
5. Short-term effectiveness
6. Implementability
7. Cost
8. State (Support Agency) acceptance
9. Community acceptance



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## Community Relations Requirements

- Develop and distribute proposed plan
- Publish a notice in local newspaper(s) explaining preferred alternative
- Schedule 30-day public comment period
- Hold a public meeting to explain preferred alternative, respond to questions, and take public comments



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**QUESTIONS?**



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