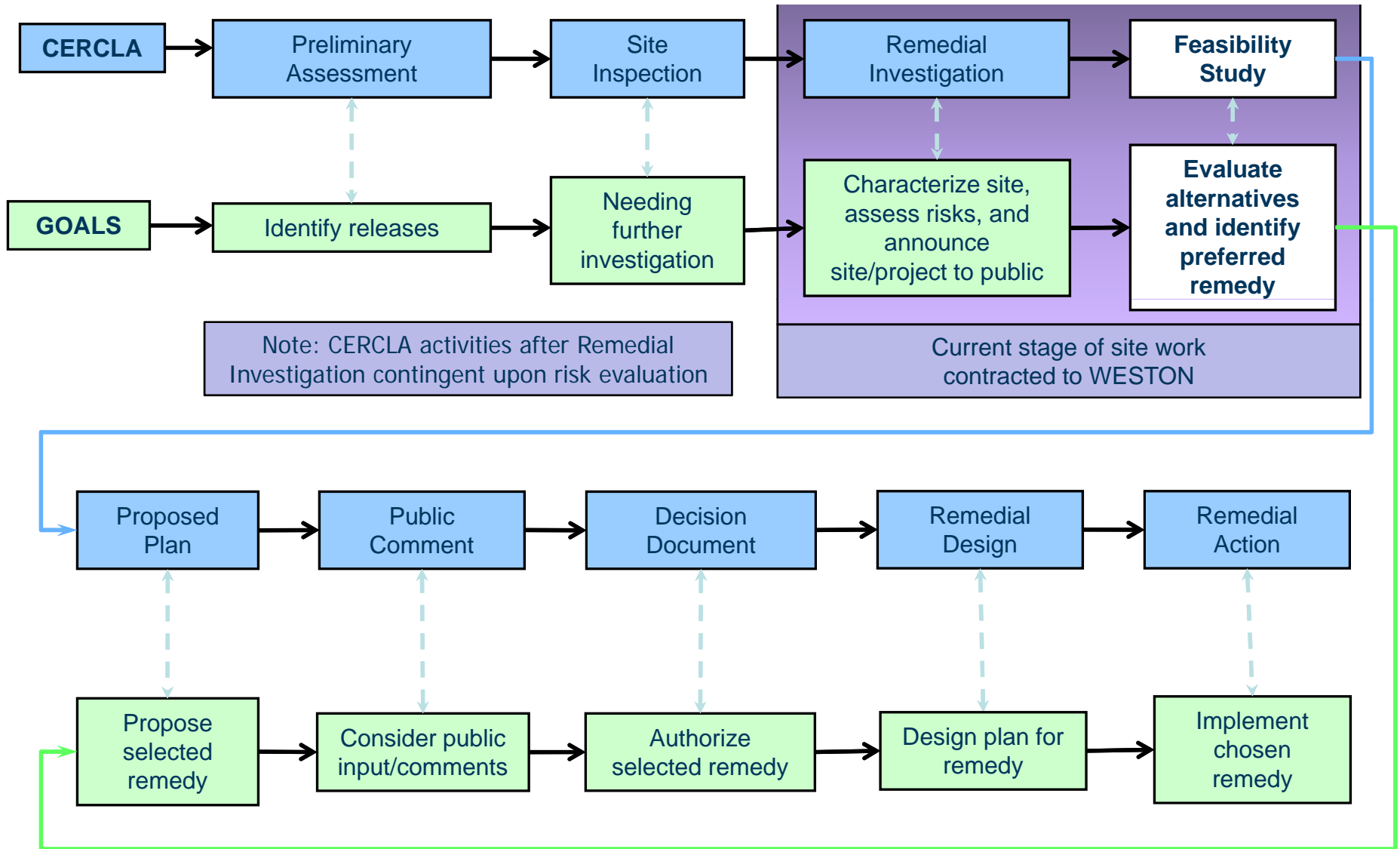


On the CERCLA Trail: Feasibility Study Phase



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



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

Development and Screening of Alternatives

- Identify potential technologies/methods
- Assemble technologies into alternatives
- Screen alternatives as necessary
 - Effectiveness
 - Implementability
 - Cost



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.

Detailed Analysis of Alternatives

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



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
5. Short-term effectiveness
6. Implementability
7. Cost
8. State (Support Agency) acceptance
9. Community acceptance



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



AI8-5

Questions?
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