

## Trabuco Bombing Range Remedial Investigation (RI) / Feasibility Study (FS)

**Purpose:**

*"To adequately characterize the site for the purpose of developing and evaluating effective remedial alternatives" (NCP, 40 CFR 300.430d)*

**RI Objectives:**

- Provide information necessary to assess the potential risks to human health, safety, and the environment.
- Collect the data necessary to support the Feasibility Study

**FS Objectives:**

- Ensure that appropriate remedial alternatives are developed and evaluated
- Select an appropriate remedy

*RI/FS conducted in an integrated manner*



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## Trabuco Bombing Range Remedial Investigation/Feasibility Study (RI/FS)

RI/FS activities include:

- Identify the study area and designate specific locations to be evaluated
- Identify properties, transportation routes, treatment and disposal facilities, and any environmental resources that may be used for, or directly impacted by, potential response actions.
- Determine appropriate response mechanisms and authorities; includes coordination with the lead regulatory agency on identification of Applicable or Relevant and Appropriate Requirements (ARARs)
- Define the roles that each party will play in the process including the decision-making process.
- Coordinate with property owner to obtain Right of Entry



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## Trabuco Bombing Range Remedial Investigation/Feasibility Study (RI/FS)

Scoping of the RI/FS

- Collect and analyze existing data
- Identify initial project, likely response actions, and remedial action objectives
- Initiate Federal/State ARAR identification
- Refine initial Data Quality Objectives (DQOs) and Conceptual Site Model (CSM)
- Prepare project plans



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*In concert with the RI/FS, a Public Involvement Plan (PIP) is being developed.*

*The goals of the PIP include:*

- Ensure that stakeholders understand that personal and property safety is the paramount concern during the RI/FS activities
- Serve the community's information needs by keeping stakeholders informed in a timely manner of our activities
- Provide the local residents, officials and other stakeholders an opportunity to review and comment on the current studies
- Keep the community well informed of our activities
- Encourage and enable the public to get involved
- Listen to what the public is saying
- Identify and deal responsibly with public concerns



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## Trabuco Bombing Range Remedial Investigation/Feasibility Study (RI/FS)

- The public can support our efforts by:
  - ✓ Providing responses to our on-line public questionnaire located at <http://www.surveymonkey.com/s.asp?A=65113020E69047> or completing a survey here today
  - ✓ Attend the Public Availability Session/Open House currently scheduled for October/November 2005
  - ✓ Review the Draft Public Involvement Plan (scheduled for distribution in October/November 2005) and provide your comments



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## Trabuco Bombing Range Remedial Investigation/ Feasibility Study (RI/FS)

### Remedial Investigation

#### Site Characterization

- Conduct field investigation
- Define nature and extent of contamination and/or explosives safety hazards
- Initial identification of ARARs
- Conduct baseline risk assessment

#### Treatability Investigations

- Perform bench or pilot treatability tests as necessary



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## Trabuco Bombing Range Remedial Investigation/ Feasibility Study (RI/FS)

### Feasibility Study

#### Development and Screening of Alternatives

- Identify potential treatment technologies, containment/disposal requirements
- Screen technologies
- Assemble technologies into alternatives
- Screen alternatives as necessary
- Preserve an appropriate range of options
- Identify action-specific ARARs

#### Detailed Analysis of Alternatives

- Further refine alternatives as necessary
- Analyze alternatives against criteria
- Compare alternatives against each other



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## Trabuco Bombing Range Remedial Investigation/Feasibility Study (RI/FS)

### The integrated efforts of the RI/FS pave the way to:

- Remy Selection
- Record of Decision/Decision Document
- Remedial Design
- Remedial Action



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Thank you!

- Questions and/or comments?



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