

Ordnance and Explosives (OE) Risk Assessment

Ordnance and Explosives Remedial Investigation/Feasibility Study for Former Fort Ord May 2002

OE Risk at Fort Ord

The Fort Ord Project Team has formed a Risk Assessment Focus Group of Army, DTSC, EPA representatives and support contractors. This group is developing the approach for assessing the OE risk (or potential threat to human safety) on Fort Ord's former training ranges.

The Focus Group's objectives for the OE risk assessment approach are:

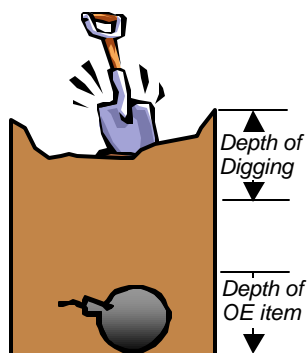
- include public involvement
- be defensible and flexible, accommodating various site conditions
- be qualitative and straight-forward
- incorporate lessons learned from existing risk assessment tools, and
- help communicate ordnance and explosives risk to the public

Factors of OE Risk at Fort Ord

Three factors combine to form the OE risk

1. ACCESSIBILITY FACTOR: How likely is it that the OE items on the site are accessible?

- How deep is the OE item?
- Will someone be digging in the area and, if yes, how deep will they dig?
- Can erosion at the site change the depth of the OE item below ground surface?



2. EXPOSURE FACTOR: How likely is it that someone will be exposed to the OE item, if they are on the site?

- How many OE items are present on the site?
- How often will someone go to the areas where OE items may be present?
- When on the site, how long will a person spend in direct contact with the ground surface?



3. OVERALL HAZARD FACTOR: How hazardous is the OE item itself?

- What type of OE items?
- What is the hazard of these types of OE items?



OE Risk Assessment for the RI/FS

The Army is conducting a Remedial Investigation/Feasibility Study (RI/FS) to determine how to clean up the former Fort Ord range areas. The OE risk assessment will establish the baseline/existing risk at the site; compare cleanup alternatives; estimate residual/ remaining OE risk; and determine the actions needed to manage this remaining risk.

How Can YOU be Involved?

Informing and involving the community is a priority for the Fort Ord Project Team.

The Fort Ord Project Team wants your suggestions and comments on the draft Fort Ord OE Risk Assessment Protocol to be released by Summer 2002.

Look for the DRAFT
FORT ORD OE RISK ASSESSMENT PROTOCOL
in Summer 2002

In the meantime, if you have any ideas on what could affect risk or would like more information about the OE risk assessment approach, please contact us.

For more information, please contact:

Gail Youngblood or Lyle Shurtleff
U.S. Army Presidio of Monterey
Environmental and Natural Resources
P.O. Box 5004
Monterey, CA 93944-5004
Phone: (831) 393-9691 e-mail: cqc@redshift.com
<http://www.fortordcleanup.com>