

BGCAPP

BLUE GRASS CHEMICAL AGENT-DESTRUCTION PILOT PLANT

CONGRESSIONAL LANGUAGE

Public Law 99-145

- Destroy U.S. stockpile of lethal chemical agents and munitions while providing
 - maximum protection for the environment, the general public, and personnel involved in the destruction process
 - adequate and safe facilities designed to destroy lethal chemical agents and munitions

Public Law 112-239

Allow the use of supplemental destruction technologies to supplement the neutralization destruction of the stockpile of lethal chemical agents and munitions. The Secretary of Defense may consider explosive destruction technologies for problematic munitions and the treatment and disposal of chemical agent and energetic hydrolysates.

A PARTNERSHIP FOR SAFE CHEMICAL WEAPONS DESTRUCTION



Program Executive Office
Assembled Chemical Weapons Alternatives



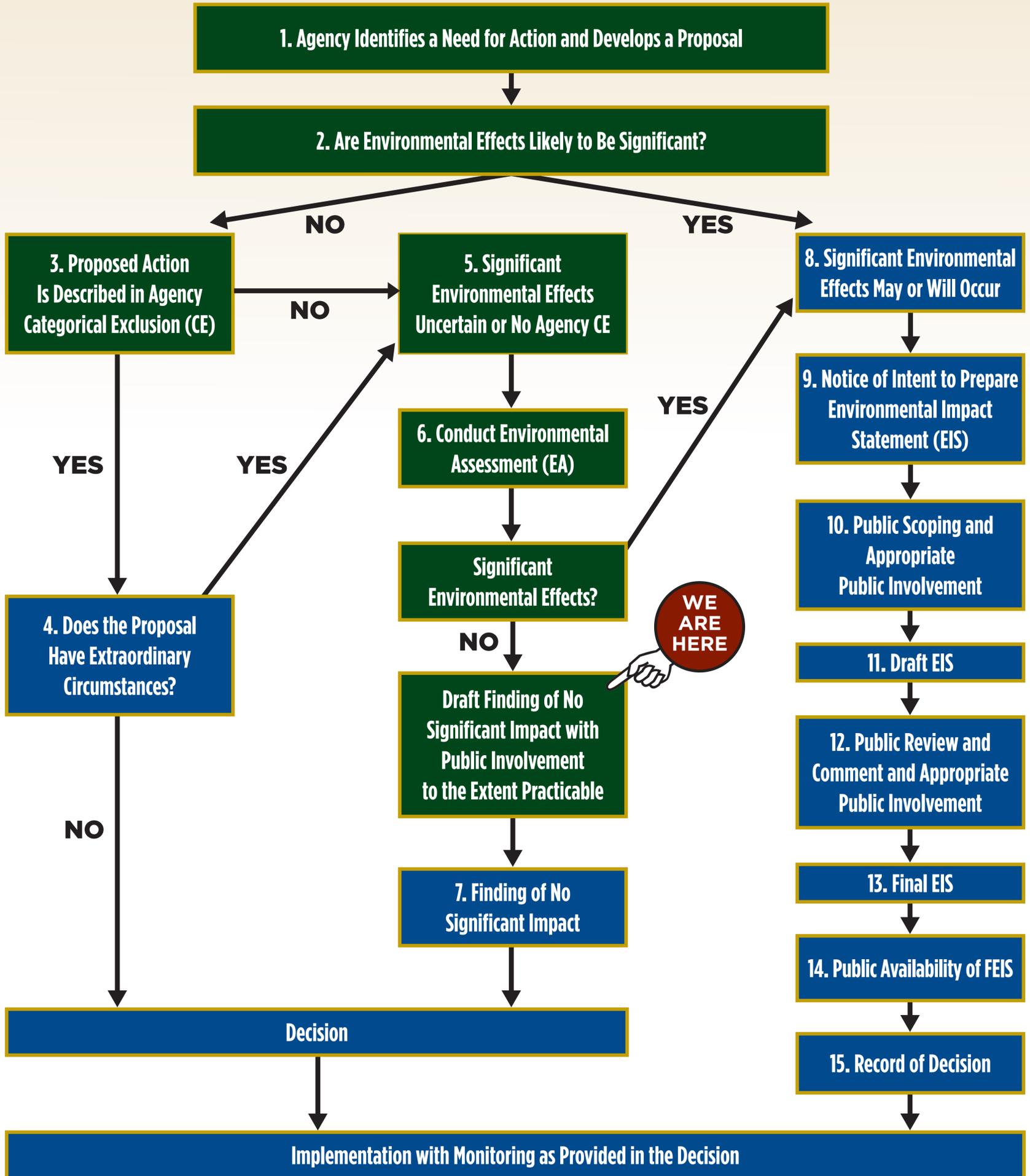
Blue Grass Chemical Agent-
Destruction Pilot Plant



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THE NATIONAL ENVIRONMENTAL POLICY ACT PROCESS



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EXPLOSIVE DESTRUCTION TECHNOLOGIES

Explosive Destruction System (EDS)

A trailer-mounted mobile system consisting of a sealed, stainless steel vessel. Cutting charges are used to explosively access chemical munitions, eliminating their explosive capacity before the chemical agent is neutralized.



Static Detonation Chamber (SDC)

A nearly spherical, armored, high-alloy stainless steel vessel that uses thermal destruction methods to destroy chemical munitions. The electric heat generated in this containment vessel detonates the munitions in order to destroy the agent and the energetics.



Transportable Detonation Chamber (TDC)

A self-contained system consisting of a detonation chamber, an expansion chamber and an emission control system. Chemical munitions are destroyed in the fully-enclosed chamber by detonation of donor explosives in which each munition is wrapped.



DAVINCH (Detonation of Ammunition in a Vacuum-Integrated Chamber)

A double-walled steel vacuum detonation chamber with an off-gas system. Donor explosives within the near-vacuum chamber are used to detonate and destroy chemical munitions through shock and heat.



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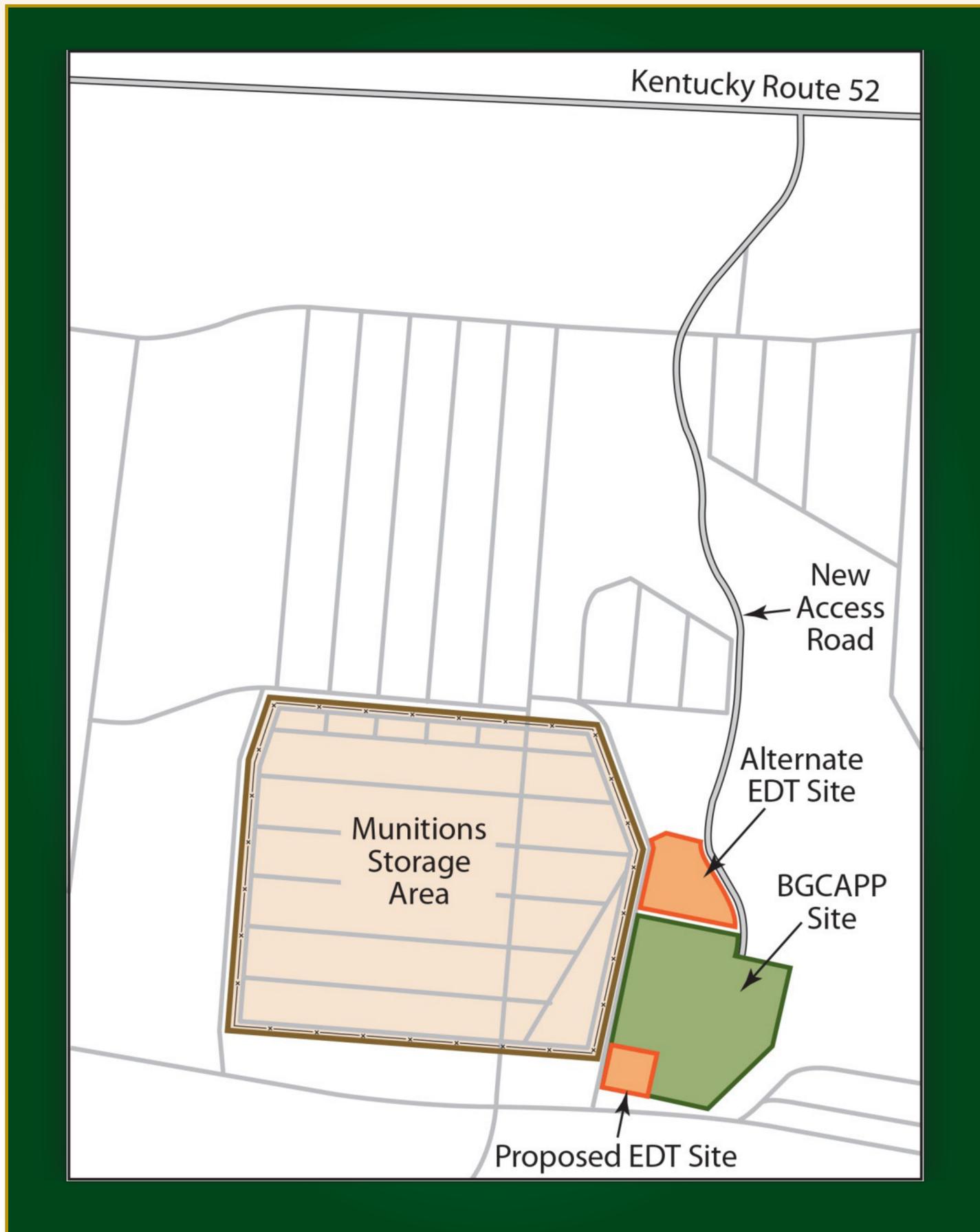
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EXPLOSIVE DESTRUCTION TECHNOLOGY (EDT) SITE MAP



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HOW TO COMMENT

Community members and interested stakeholders may submit comments on the final Environmental Assessment and the draft Finding of No Significant Impact via:

- **In Person:**
Place your completed comment form in the box on the information table.
- **Online Submission Form:**
Accessible via www.peoacwa.army.mil
- **E-mail:**
osd.APG.usamc.mbx.acwa-hq-environmental@mail.mil
- **Fax:**
(410) 436-6026
- **Mail:**
PEO, Assembled Chemical Weapons Alternatives
5183 Blackhawk Road
ATTN: SFAE-ACW-RM
Aberdeen Proving Ground, MD 21010-5424

For More Information Contact:

Blue Grass Chemical Stockpile Outreach Office at
(859) 626-8944 or bgoutreach@iem.com

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AREAS OF ENVIRONMENTAL ANALYSIS

- **Land Use**
- **Air Quality**
- **Water Resources**
- **Human Health and Safety**
- **Ecological Resources**
- **Socioeconomic Resources**
- **Noise**
- **Waste Management**
- **Resource Requirements**

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