

**COMPLETE
ORDNANCE AND EXPLOSIVES PROJECT PLAN**

1. SITE NAME: UMATILLA DEPOT ACTIVITY (Ammunition Demolition Activity)a. **SITE NUMBER:** OR-UMATB2-NPSb. **LOCATION:**

City: Hermiston

County: Umatilla and Morrow

State: Oregon

c. **CATEGORY:** BRAC - Engineering Sampling Analysis (ESA)

d. **PROJECT SCOPE:** This project includes conducting an 100% geophysical mapping of the ADA site with selected subsurface sampling of 11 acres to 4ft, surface clear approximately 430 grids not previously cleared and remove a debris pile in the ADA. A report outlining cleanup alternatives consistent with the Record of Decision, risk and cost will be prepared.

2. POINTS OF CONTACT:a. PROJECT MANAGER

NAME: Mike Nelson

OFFICE: CENPS-EN-GT-EM

PHONE: 206-764-3458

OE MANAGER

NAME: Glenn Earhart

OFFICE: CEHNC-OE-DG

PHONE: 205-895-1577

PAGER: 1-800-635-9846

b. BASE POC:

NAME: Mark Daughtery

OFFICE: SDSTE-UAS-EV

PHONE: 541-564-5294

3. SITE DESCRIPTION: Umatilla Depot Activity is located in northeastern Oregon. UMDA lies approximately 3 miles south of the Columbia River. The Depot occupies a roughly rectangular area of 19,728 acres, of which 17,054 is owned by the U.S. Army. The remaining acreage is covered by restrictive easements. Generally the ground surface within the installation boundaries ranges from relatively flat to gently rolling terrain, that is occasionally marked by shallow depressions and ridges. The Ammunition Demolition Area (ADA) site consists of approximately 1,750 acres in the northwest corner of the installation. The ADA was used for demilitarization and destruction of ammunition stored at the installation.

4. SITE HISTORY: Umatilla Depot Activity was established in 1941 as an ordnance facility for storing conventional munitions in support of the United State's entry into World War II. The construction of 1,001 ammunition storage igloos began in February 1941. Subsequently, the functions of the Depot were extended to include ammunition demolition (1945), renovation (1947) and maintenance (1955). No manufacturing operations have been conducted at UMDA, but testing, rework, demolition operations have been performed in several areas throughout the facility, notably the Explosive Washout Plant area and the ADA area.

5. PREVIOUS SITE ACTIVITIES:

a. Ammunition Demolition Area (ADA): This area had a 95% surface swept for OE. All hazardous surface OE was

destroyed. Seattle District is preparing a soil remediation contract for five sites within the ADA in FY 1996. All remediation will be consistent with end land use

b. Quality Assurance Range (Site 39): This area had a 100% surface swept for OE. Approximately 10% of the sub-surface area was investigated to verify source and potential hazard in FY 1996.. All hazardous OE was destroyed leaving the site safe for surface activities. The need for further remediation of sub-surface OE will be determined after the future use of Site 39 is determined. All remediation will be consistent with end land use.

c. Site 18: This 200' x 200' area was cleared to a depth of 4 feet in FY 1996. This will remove the potential hazard to future geophysical mapping, and will allow Seattle District to conduct needed soil sampling in the area.

d. Washout Sump: Contractor removed the sludge from an interceptor sump between the old washout plant and the TNT lagoon. TNT content ranges from 40 - 70%.

6. CURRENT STATUS: The project is complete.

7. ISSUES AND CONCERNS: None

8. SCHEDULE SUMMARY: For Official Use Only

9. FUNDING/BUDGET SUMMARY (000.0): For Official Use Only

10. CONTRACTING STRATEGY:

a. Type: AE Contract with Earth Technology

b. Procurement: Cost Reimbursement Contract.

c. Strategy: Utilized a regional AE contract available in the Center.

H. Glenn Earhart
OE Manager