

ORDNANCE AND EXPLOSIVES PROJECT PLAN**1. SITE NAME: UMATILLA CHEMICAL DEPOT (Site 39)**

a. SITE NUMBER: ORUMCD04NPS

b. LOCATION:

City: Hermiston

County: Umatilla and Morrow

State: Oregon

c. CATEGORY: BRAC - Engineering Evaluation/Cost Analysis (EE/CA)

PROJECT SCOPE: This project includes conducting an Engineering Evaluation/Cost Analysis (EE/CA) at Site 39. The project includes conducting geophysical surveying of 100% of the site, conducting intrusive investigations and preparing an EE/CA and Action Memorandum reports.

2. POINTS OF CONTACT:

a. PROJECT MANAGER

NAME: Mike Nelson

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c. OE MANAGER

NAME: Glenn Earhart

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b. BASE POC:

NAME: Mark Daughtery

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3. SITE DESCRIPTION: Umatilla Chemical Depot (UMCD) is located in northeastern Oregon. UMCD 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. Site 39 consists of approximately 600 acres in the northeast corner of the installation. Site 39 was a former quality assurance range.

4. SITE HISTORY: UMCD 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 UMCD. However,

testing, rework and 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. 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.

b. Ammunition Demolition Area (ADA): This area had a 95% surface swept for OE. All hazardous surface OE was destroyed. An engineering sampling analysis was completed in FY 98 to develop cost estimates for the alternatives recommended in the record of decision. Seattle District is conducting soil remediation at five sites within the ADA in FY 1996. 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: A prebid site visit was held on September 1, 1999 with Parsons Engineering Science. Proposals are due on September 13, 1999.

7. ISSUES AND CONCERNS: Award is scheduled for September 24, 1999.

8. SCHEDULE SUMMARY: For Official Use Only

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

10. CONTRACTING STRATEGY:

a. Type: AE Contract

b. Procurement: Fixed Priced Delivery Order under an AE contract with Parsons Engineering.

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

H. Glenn Earhart
OE Manager