

## Purpose

Remedial Designs and Remedial Actions

### Groundwater remediation

Extraction and air stripping: Fort Lewis Logistics Center Extraction and carbon adsorption Air sparging with soil vapor extraction: Fort Lewis Landfill 4 Natural attenuation: Fort Lewis Landfill 5

### Soil Remediation

Soil solidification: Umatilla Chemical Depot Ammunition Demolition Area  
Bioremediation: Umatilla Chemical Depot Explosives Washout Lagoon Soil vapor extraction Low temperature thermal desorption: Fort Lewis SRCPP  
Capping Removal and disposal: Bunker Hill

### Contaminated building Remediation

Lead paint and asbestos testing and abatement Surface washing and demolition  
Flame treatment: Umatilla Chemical Depot Explosives Washout Plant Surface removal (scabbling): A farm cleanup in Yakima County, Washington Radon abatement Demolition: Bunker Hill, Old Navy Dump/Manchester

### Contaminated Sediments Remediation

Sediment capping design: Eagle Harbor Early Action Capping Project

### Others

Disposal of mixed waste Underground storage tank management: Removal and replacement of a UST at Fort Ward Landfill cover and repair design Design of petroleum, oil, and lubricant replacement systems

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