

SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS [TABS FINAL VERSION]

SCENARIO # 161

TITLE: IND-0120V3 CLOSE UMATILLA CHEMICAL DEPOT

GENERAL DESCRIPTION: Close Umatilla Chem Depot upon completion of the destruction of stored chemical agents and the destruction of the production facilities. The 1987 Chemical Weapons Convention Treaty prohibits state parties from development, production, stockpiling and use of chemical weapons. 100% of the chemical weapons and 100% of chemical weapons production facilities (CWPF) are to be destroyed by 20 April 2007. Treaty provisions allow for a one-time extension of up to 5 years for Category 1 chemical weapons but no extension is allowed for CWPF.

ANALYST: _____

LAST UPDATE: 23 MARCH 2005

Env Resource Area	<i>Gaining</i> Installation Assessment Inst Name: N/A	Analyst Comments (& data source(s) that drive assessment)
Air Quality		
Cultural/ Archeological Resources		
Drudging		
Land Use Constraints/Sensitive Resource Areas		
Marine Mammals/Marine Resources/Marine Sanctuaries		
Noise		
Threatened & Endangered Species/Critical Habitat		
Waste Management		
Water Resources		
Wetlands		

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED)**SCENARIO # 161 (IND-0120V3)**

Env Resource Area	<i>Losing</i> Installation Assessment Inst Name: Umatilla Chemical Depot	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No impact	#213 In attainment for all Crit Pollutants
Cultural/Archeological/Tribal Resources	Surveys and consultation with the SHPO will be required to determine disposition of archaeological and historical resources.	#230 - 2 Arch Resource sites identified – future construction restricted #231 Native People sites on/contiguous who retain rights to the land #232-No areas with high potential for archaeological resources identified #234 - Currently in formal consultation with Native American Tribes #235 Historic Property - 2 resources identified. #236 – No Programmatic Agreement
Dredging	No impact	#227 – N/A
Land Use Constraints/Sensitive Resource Areas	Restoration +/- monitoring of contaminated media will likely be required after closure to prevent significant long-term impacts to the environment.	#273 - Installation has MMRAs No operational ranges #240 No DERA sites identified in BRAC data call, but DERP 2003 shows 117 sites– \$53.5M spent thru FY03, and CTC is \$10.3M total
Marine Mammals/Marine Resources / Marine Sanctuaries	No impact	#248-250, 252, 253 – N/A
Noise	No impact	#239 – N/A
Threatened & Endangered Species/Critical Habitat	No impact	#259-264 No TES or candidate species / habitat was identified
Waste Management	Special waste management areas at the installation include a RCRA TSD facility. Restoration, monitoring/sweeps, access controls, and/or deed restrictions may be required for these areas to prevent disturbance, health and safety risks, +/- long-term release of toxins to environmental media.	#265 Has RCRA TSD facility on site #269 No RCRA Subpart X Permit #272 No permitted solid waste disposal facility

Water Resources	<p>Environmental media contamination issues at installation include TNT and RDX reported in groundwater. Restoration and/or monitoring of contaminated media will likely be required after closure to prevent significant long-term impacts to the environment.</p> <p>Installation has 4 government-owned plants for sewage treatment and 2 government-owned plants for potable water on installation that may require transfer/closure.</p>	<p>#275 TNT and RDX reported in groundwater on installation. #297-4 On Military Installation Govt Owned Plants for sewage treatment #822 - Has domestic wastewater treatment plant on installation. #281 – No surface water contamination reported. #291-2 On Military Installation Govt Owned Plants for potable water #282-1 Off Military Installation Commercial Source for industrial wastewater treatment</p>
Wetlands	No impact	<p>#251 – Wetland survey completed 7/98 #257 – No wetlands reported.</p>

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED)**SCENARIO # 161 (IND-0120V3)****IMPACTS OF COSTS**

Env Resource Area	Gaining Installation Inst Name: N/A	Losing Installation Inst Name: Umatilla Chemical Depot
Environmental Restoration*	None	<p>DERP 2003 - IRP sites CTC is \$8.99M; MMRP sites CTC is \$1.3M.</p> <p>Sweep for UXO and or chemical weapons residual contamination – \$500K - \$20M+</p> <p>Controlled burning/decontamination/demolition of industrial buildings/structures heavily contaminated with explosives/metals - \$1M to \$10M+</p>
Waste Management	None	Restoration/Monitoring of HW sites \$500K - \$10M+.
Environmental Compliance	None	<p>Environmental Baseline Survey (EBS) \$300K-\$500K.</p> <p>Land Use Controls (LUC) management/enforcement in perpetuity (occurs after transfer) - \$50K-\$100K (annual)</p> <p>Asbestos/Lead-based Paint Removal - \$200K - \$1M</p> <p>Access controls / caretaker management of historical/arch/cultural sites \$500K - \$1M (annually).</p>
COBRA Costs:	None	EBS plus disposal EIS - \$1.3M