

SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS [TABS FINAL VERSION]

SCENARIO # 163

TITLE: IND-0119V3 CLOSE NEWPORT CHEMICAL DEPOT

GENERAL DESCRIPTION: Close Newport Chemical 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		
Dredging		
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 # 163 (IND-0119V3)**

Env Resource Area	<i>Losing</i> Installation Assessment Inst Name: Newport Chemical Depot	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No impact	#213 Reported N/A indicating in attainment for all Crit Pollutants
Cultural/Archaeological/Tribal Resources	No impact expected. Surveys and consultation with the SHPO will be required to ensure protection of cultural resources at the installation.	#230 No Arch Resources identified #231 No Native People sites #232 Sites with high potential for Arch resources were identified #233- 43% surveyed #235 Historic Property - no resources identified. #236 - Programmatic Agreement in place
Dredging	No impact	#227 – N/A
Land Use Constraints/Sensitive Resource Areas	No impact expected. Restoration +/- monitoring of contaminated media will likely be required after closure to prevent significant long-term impacts to the environment.	#273 - Installation has no MMRA's No operational ranges. #240 DERA sites reported - CTC is \$1.224M. * CMA reports 1 Site contains buried VX munitions – cleanup not programmed or funded– cost TBD
Marine Mammals/Marine Birds	No impact	#248-250, 252, 253 – N/A
Noise	No impact	#239 – N/A
Threatened & Endangered Species/Critical Habitat	Federally listed species include Bald Eagle & Indiana Bat. Continued management and/or deed restrictions will be necessary to insure future protection of the Federally listed species.	#259-2 TES on installation include Bald Eagle & Indiana Bat. Bat has delayed operations and restricts 15% of installation, Bald Eagle has caused diverted operations and restricts 2% of installation. #262 - There are restrictions for clearing trees and applying pesticides #263-No candidate species #260, 261 – No Critical Habitat/Biological Opinion
Waste Management	Special waste management areas at the installation include a RCRA TSD facility. Restoration, monitoring/sweeps, access control, 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

<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Water Resources</p>	<p>Environmental media contamination issues at installation include Chloroform, Carbon Tetrachloride, Iron, Arsenic, & Manganese reported in groundwater and Benzo(a)pyrene, Lead, and RDX reported in surface water on installation.</p> <p>Restoration and monitoring of contaminated sites will likely be required after closure to prevent significant long-term impacts to the environment.</p> <p>Installation has 1 government-owned plant for sewage treatment and 1 government-owned plant for potable water that may require transfer/closure.</p>	<p>#275 - Chloroform, Carbon Tetrachloride, Iron, Arsenic, & Manganese are reported in groundwater on installation.</p> <p>#281 - Benzo(a)pyrene, Lead, and RDX are reported in surface water on installation.</p> <p>#291- 1 On Military Installation Govt Owned Plant for potable water</p> <p>#282 - No industrial waste water treatment plant reported, but 1 On Military Installation Govt Owned Plant for sewage treatment reported</p> <p>#297 - No sewage treatment plant on installation</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Wetlands</p>	<p>No impact</p>	<p>#251 – No wetlands survey completed.</p>

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED)**SCENARIO # 163 (IND-0119v3)****IMPACTS OF COSTS**

Env Resource Area	Gaining Installation Inst Name: N/A	Losing Installation Inst Name: Newport Chemical Depot
Environmental Restoration*	None	Sweep for UXO and or chemical weapons residual contamination - Cost TBD (1 Site contains buried VX munitions) #240 DERA sites reported - CTC is \$1.224M Controlled burning/decontamination/demolition of industrial buildings/structures heavily contaminated with explosives/metals - \$1M to \$10M+
Waste Management	None	Restoration/Monitoring of HW sites \$500K - \$10M+.
Environmental Compliance	None	Environmental Baseline Survey (EBS) \$300K-\$500K. Land Use Controls (LUC) management/enforcement in perpetuity (occurs after transfer) - \$50K-\$100K (annual) Asbestos/Lead-based Paint Removal - \$200K - \$1M Access controls / caretaker management of historical/arch/cultural sites \$500K - \$1M (annually)
COBRA Costs:	None	EBS plus disposal EIS - \$1.3M