

SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS**[TABS FINAL VERSION]****SCENARIO # 59****TITLE: IND-0114v2 REALIGN WATERVLIEET ARSENAL**

GENERAL DESCRIPTION: Realign Watervliet Arsenal, NY, by disestablishing all capabilities for Other Field Artillery Components.

Notes: 1) Environmental costs will still apply since part of the installation will be investigated prior to disposal.

ANALYST _____

LAST UPDATE: 27 APRIL 2005

Env Resource Area	<i>Losing</i> Installation Assessment Inst Name: Watervliet Arsenal	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No impact	#213 Proposed to be in NonAttainment for PM2.5
Cultural/Archaeological Resources	Installation has 2 archeological sites and 51 historic properties identified. Due to the presence of cultural resources, surveys and consultation with SHPO will be required to ensure protection of cultural resources at the installation after closure.	#230 2 Arch Resource sites identified #231 No Native Peoples Sites #232 Areas identified with high archeological potential #235 Historic Property - 51 resources identified.
Dredging	No impact	
Land Use Constraints/Sensitive Resource Areas	Special waste management areas at the installation include IRP sites. Restoration, monitoring/sweeps, access controls, and/or deed restrictions may be required after closure to prevent disturbance, health and safety risks, and/or long-term release of toxins to environmental media	#240 DERA IRP - 17.6 M spent thru FY03 with \$4.9M CTC. #273 - No MMRP sites No operational ranges
Marine Mammals/Marine Resources	No impact	
Noise	No impact	
Threatened & Endangered Species/Critical Habitat	No impact	#259-264 No TES or candidate species / habitat was identified
Waste Management	No impact	#265 No RCRA TSD facility #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 the installation include: Hexavalent Chromium, Petroleum Hydrocarbons, & Chlorinated Solvents reported in groundwater. Restoration and/or monitoring, and access controls, of contaminated media may be required after closure in order to prevent significant long-term impact to the environment. Industrial and domestic wastewater treatment plant may have contamination issues requiring cleanup.</p>	<p>#275 Hexavalent Chromium, Petroleum Hydrocarbons, & Chlorinated Solvents reported in groundwater on installation. #822 Has both industrial & domestic wastewater treatment.</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Wetlands</p>	<p>No impact</p>	

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED);
 SCENARIO # **IND-0114v2 (59)**

IMPACTS OF COSTS

Env Resource Area	Gaining Installation Inst Name: N/A	Losing Installation Inst Name: Watervliet Arsenal
Environmental Restoration*	None.	DERA IRP site cleanup - CTC \$4.9M
Waste Management	None.	None.
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</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 + NEPA Disposal EIS (arsenal)- \$1.3M