

SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS

[TABS FINAL VERSION]

SCENARIO # 645 & 164

TITLE: IND-0117V3 CLOSE DESERET CHEMICAL DEPOT

GENERAL DESCRIPTION: CLOSE DESERET CHEMICAL DEPOT UPON COMPLETION OF THE DESTRUCTION OF STORED CHEMICAL AGENTS AND THE DESTRUCTION OF THE PRODUCTION FACILITIES. TRANSFER THE STORAGE IGLOOS AND MAGAZINES TO TOOEE ARMY DEPOT.

NOTES:

NO MILCON OR PERSONNEL INVOLVED IN RECOMMENDATION. BUNKERS/IGLOOS WITH AMMUNITION AT DESERET WOULD SIMPLY BE INCORPORATED INTO TOOLE, SO NO MILCON. BOUNDRIES OF TOOLE WOULD BE EXPANDED. ASSUMING ENVIRONMENTAL COSTS FOR DESERET SINCE THE REMAINDER OF DESERET WOULD STILL HAVE TO BE INVESTIGATED PRIOR TO DISPOSAL.

ANALYST: _____

LAST UPDATE: **27 APRIL 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 # (IND-0117v3)164

Env Resource Area	<i>Losing</i> Installation Assessment Inst Name: Deseret Chemical Depot	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No impact	#213 Reported N/A indicating in attainment for all Criteria Pollutants
Cultural/Archeological/ Tribal Resources	Surveys and consultation with the SHPO will be required to determine disposition of archeological and historical resources.	#230 -1 Arch Resources identified #231- Native People sites on/contiguous to installation. #234 - Native Tribes assert an interest, no formal consultation. #232 Sites with high potential for Arch resources were identified #235 No Historic Property - no resources identified. #236 - No Programmatic Agreement in place
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 MMRA's reported DERP 2003 shows MMRP CTC \$59.6M 1 operational ranges reported- OB/OD range #240 DERA sites reported - CTC is \$7.25M. * CMA reports 6 Sites contain likely buried mustard munitions or spills – cleanup not programmed or funded– cost TBD
Marine Mammals/Marine Resources	No impact	#248-250, 252, 253 – N/A
Noise	No impact	#239 – N/A
Threatened & Endangered Species/Critical Habitat	Federally listed species (Bald Eagle) is found on installation. Continued management and/or deed restrictions will be necessary to insure future protection of the Federally listed species.	#259 1 TES (Bald Eagle) on installation, no restrictions reported. #260, 263, 264 – No critical habitat, no candidate species/habitat identified
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 former waste management areas to prevent disturbance, health and safety risks, and/or long-term release of toxins to environmental media.	#265 Has RCRA TSD facility on site #269 Has a RCRA Subpart X Permit #272 No permitted solid waste disposal facility

Water Resources	<p>Environmental media contamination issues at installation include metals, explosives, & VOCs reported in groundwater.</p> <p>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 1 government-owned plant for potable water and 3 government-owned plants for sewage treatment on the installation that may require transfer/closure.</p>	<p>#275 Metals, explosives, & VOCs are reported in groundwater on installation.</p> <p>#281 – No surface water contamination reported.</p> <p>#282 – 1 Off Military Installation Commercial Source for industrial wastewater</p> <p>#291-1 On Military Installation Govt Owned Plant for potable water</p> <p>#297-3 On Military Installation Govt Owned Plants for sewage treatment.</p>
Wetlands	No impact	<p>#251- Wetlands survey completed 1/00</p> <p>#257 – 1,500 acres seasonal wetlands identified, no restrictions reported</p>

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED);
SCENARIO # 164

IMPACTS OF COSTS

Env Resource Area	Gaining Installation Inst Name: N/A	Losing Installation Inst Name: Deseret Chemical Depot
Environmental Restoration*	None.	<p>Sweep for UXO and or chemical weapons residual contamination - Cost TBD (6 Sites contain likely buried mustard munitions or spills)</p> <p>#240 DERA sites reported - MMRP CTC \$59.6M IRP CTC is \$7.25M</p> <p>OB/OD Range - cleanup cost \$1.04M-4.98M (reported in FY03 DERP)</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</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.	Installation is a Chemical Plant - \$1.3M (EBS + disposal EIS)