

**SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS [TABS FINAL VERSION]**  
**SCENARIO #51B TITLE: IND-0110V2 CLOSE MISSISSIPPI AAP**

**GENERAL DESCRIPTION: CLOSE MISSISSIPPI ARMY AMMUNITION PLANT. RELOCATE THE 155MM ICM ARTILLERY/GRENADE METAL PARTS FUNCTIONS TO ROCK ISLAND.**

**SCENARIO ASSUMES: (SAME ASSUMPTIONS AS #51)**

- 1. NO PERSONNEL MOVING TO ROCK ISLAND AND NO NEW MILCON**

**ANALYST: \_\_\_\_\_**

**LAST UPDATE: 27 APRIL 2005**

Env Resource Area	<i>Gaining</i> Installation Assessment Inst Name: <b>Rock Island Arsenal</b>	Analyst Comments (& data source(s) that drive assessment)
Air Quality	The receiving installation is in attainment for all NAAQS.	#213 - In attainment for all criteria pollutants #211 – no threshold exceedences reported #212 - no permit/thresholds exceeded. #218/ISR - no AQM impact to mission. #220 – Title V Major Operating Permit
Cultural/Archeological/ Tribal Resources	No impact.	#233 - 75% of installation surveyed #235 65 historic properties #231 - Native people sites identified #236 - No programmatic agreement ISR/230/201 - No impact to mission #230 – Archaeological resources identified, no restrictions reported #232 – Sites with high potential for archaeological resources identified #234 – N/A
Dredging	No impact	#226-228 – N/A
Land Use Constraints/Sensitive Resources	No impact	#30 - >300 BA reported #254 / 256 - no constraints reported CERL-high encroachment reported
Marine Mammals/Marine Resources	No Impact	#248-250, 252, 253 – N/A
Noise	No impact	#239 - No noise contours off-installation
Threatened & Endangered Species/Critical Habitat	TES include Bald Eagle but has no impact on installation.	#259 - 1 TES identified (Bald Eagle) - no restrictions. #260-264 - None

<b>Waste Management</b>	No impact	#265 – No RCRA TSD Facility #269 No RCRA Subpart X Permit #272 No permitted solid waste disposal facility
<b>Water Resources</b>	Water quality impaired by pollutant loadings. Current operations may contribute to impaired water quality. Significant mitigation measures to limit releases may be required to reduce impacts to water quality and achieve USEPA Water Quality Standards.	#293/ISR - no restrictions No water constraints. #297 – Installation uses publicly owned off-installation sewage treatment plant #276 – Not located over a sole-source aquifer #279 – Installation discharges to impaired waterway #275 – Groundwater contamination includes PCBs/oils, chromium, TCEA, Vinyl Chloride and Lead #281 – Surface water contamination includes TCE, Vinyl Chloride, PNAs and chromium #282 – On-installation publicly owned industrial wastewater plant IREM indicates infrastructure to support additional 12,030 personnel
<b>Wetlands</b>	No impact	#251 - wetlands survey completed 9/99 #259 - wetlands restrict 3.5% of installation

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Env Resource Area	<i>Losing</i> Installation Assessment Inst Name: <b>Mississippi AAP</b>	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No impact	#213 All NAAQS in attainment.
Cultural/ Archeological Resources	No impact	#230-#235 No arch, cultural, Native Peoples, or historical sites reported.
Drinking	No impact	NA
Land Use Constraints/Sensitive Resource Areas	Environmental media contamination issues include IRP sites. Restoration, and/or monitoring of contaminated media will likely be required after closure to prevent significant long-term impacts to the environment.	#273 Has MMRA's; (DERP 2002 shows none) Range Inventory - no operational ranges #240 - DERA CTC: \$2.3M, \$ spent through FY03 = none reported
Marine Mammals/Marine Resources	No impact	NA
Noise	No impact	NA
Threatened & Endangered Species/Critical Habitat	No impact	#259-#264 No TES, candidate species / habitat was reported.
Waste Management	No impact	#265 No RCRA TSD facility #269 No RCRA Subpart X Permit #272 No permitted solid waste disposal facility
Water Resources	Installation has domestic and industrial wastewater treatment plants that may require closure.	#275, #281 - No groundwater or surface water contamination #822 Has domestic and industrial wastewater treatment plants.
Wetlands	No impact	

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**IMPACTS OF COSTS**

Env Resource Area	Gaining Installation Inst Name: Rock Island Arsenal	Losing Installation Inst Name: <b>Mississippi AAP</b>
Environmental Restoration*	None	DERA CTC \$2.3M
Waste Management	None	Restoration of hazardous waste sites - \$500K - \$10M  Land Use Controls management/enforcement in perpetuity - \$50K - \$100K  Asbestos/Lead-based Paint Removal - \$200K-\$1M  -Controlled burning/ decontamination/ demolition of industrial structures/buildings heavily contaminated with explosives/metals - \$1M-\$10M
Environmental Compliance	-Install Best Management Practices to protect impaired waterways and reduce non-point source runoff from training areas and ranges - \$100K-\$3M -Endangered Species Management (includes monitoring) -\$20K-\$2M -ESA Consultation (BA Prep) -\$10K-\$100K NEPA EA less than 1000 people low impact - \$100K	-Environmental Baseline Survey (EBS) \$300K-\$500K  -Access controls/caretaker management of cultural sites \$500K-\$1M
COBRA Costs:	-Realignment NEPA at gaining base - \$100K (EA)	EBS plus disposal EIS - \$1.3M