

SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS [TABS FINAL VERSION]**SCENARIO #302****TITLE: USA-0113 CLOSE FT MONROE**

GENERAL DESCRIPTION: Close Ft Monroe. Moves the US Army Training and Doctrine Command (TRADOC) Headquarters to Ft. Eustis; moves the US Army Accessions Command to Ft. Knox where it will co-locate with the Army Recruiting Command and the Army Cadet Command; moves the Installation Management Agency's Northeast Region HQs to Ft. Eustis where it will consolidate with the IMA Southeast Region HQs moving from Ft. Monroe; moves the NETCOM Northeast Region HQs to Ft. Eustis where it will consolidate with the NETCOM Southeast Region HQs moving from Ft. Monroe; and moves the Army Contracting Agency Northern Region Office to Ft. Eustis.

Proposal Affects the following Army installations:

1. Ft Eustis gains approximately 2300 personnel and construction of approximately 183,000 SF MilCon.
2. Ft Knox gains approximately 300 personnel and construction of approximately 12,000 SF MilCon.
3. Ft Monroe closes.

ANALYST**LAST UPDATE: 04/11/05**

Env Resource Area	#1 Gaining Installation Assessment Inst Name: Ft Eustis	Analyst Comments (& data source(s) that drive assessment)
Air Quality	Impact Expected. The receiving installation is in Non-attainment area for Ozone. Added operations will require New Source Review permitting and Air Conformity Analysis.	#213 – Non-attainment for O3(8 hr) #211 - No permit/Major Source thresholds projected to be exceeded (based on 50% of emissions at Ft Monroe). #220 -Synthetic Minor operating permit. #218/ISR2 - No mission impact indicated.
Cultural/Archeological/Tribal Resources	139 arch/cultural resources, but no restrictions to training/operations/construction.60 historic properties listed. Potential impact may occur since resources must be evaluated on a case-by-case basis, thereby causing increased delays and costs.	#230, 231,232 - 139 arch resources, but no restrictions to tng/opns reported; #233, 90% surveyed; #234 - No tribes assert interest; #235- 60 historic props; #236 - No programmatic agreement; ISR2 - no adverse impact to mission.
Dredging	No Impact	#228 - Reports dredging maintenance reqt, and spoil site has 25 years remaining. No impacts to dredging expected w/ proposal.
Land Use Constraints/Sensitive Resource Areas	No Impact	#30 - Buildable Acres – approximately 40 acres req'd (based on .9 Large Admin organ), approx 500 acres available. #201, 254- no restr. #256 - 8 SRAs, no restr CERL Study – moderate encroachment projected
Marine Mammals	No Impact	#248, #249, #250, #252, #253 - No restrictions
Noise	No Impact	#239 - No noise contours off-installation.

Threatened & Endangered Species/Critical Habitat	<p>Installation has Federally listed species (Bald Eagle), that restricts operations on <4% of installation land. Restrictions include 3.24 mile buffers around nest habitat and associated (aircraft) flight restrictions.</p> <p>Additional operations may further impact threatened / endangered species leading to additional restrictions on training or operations.</p>	<p>#259 TES listed Bald Eagle, restr 3.1% of total installation land. #260-264 - No habitat/candidate species, no BO. ISR2 shows no impact.</p>
Waste Management	No Impact	#269 No RCRA Subpart X Permit, none needed
Water Resources	<p>Installation currently discharges to an impaired waterway, and increased population and training activity may add to pollutant load. Mitigation measures to limit releases may be required to reduce impacts to water quality and achieve US EPA water quality standards.</p>	<p>#276,278 No restr; #293 - 40 days restr in 2003 IREM - infr can support 92K more people #279 - Discharges to 2 imp waterwys (does not impair them). #291 - 2 off-installation public owned production plants #297 - 2 off-installation dom ww treatment plts #282 - 2 off-installation industrial ww treatment plts ISR2 - No adverse impact to mission</p>
Wetlands	No Impact	<p>#251 - No survey date reported #257 - 25% wetlands, with permits req'd for constr, dredging, training.</p>

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Env Resource Area	#2 <i>Gaining</i> Installation Assessment Inst Name: Ft Knox	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No impact. Installation is in attainment area for all criteria pollutants.	#213 – Installation is in attainment area for all criteria pollutants. #211 - No major source thresholds projected to be exceeded #220 -Major operating permit (but no permit limits shown on #211) #218/ISR2 - No mission impact indicated.
Cultural/Archeological/Tribal Resources	194 historic properties listed. 1 Native American tribe has asserted an interest in archeological sites. Due to interest from Native American tribes, a potential impact may occur as a result of increased time delays and negotiated restrictions. Also resources must be evaluated on a case-by-case basis, thereby causing increased delays and costs since there is no Programmatic Agreement in place.	#230-232 - No arch resources #233 - 32% surveyed; #234 - 1 tribe (Cherokee) asserts interest #235- 194 historic props #236 - No Programmatic Agreement ISR2 - No adverse impact to mission
Drudging	No impacts	#226, 227, 228 – N/A
Land Use Constraints/Sensitive Resource Areas	No impacts.	#30 - Buildable Acres – approximately 4 acres req'd (based on ½ Small Admin Organizations), 1321 acres available #201, 254- no restrictions. #256 - 1 SRA, restricts development on 1.3% of inst CERL Study – moderate encroachment projected
Marine Mammals/Marine Resources	No impacts	#248, 249, 250, 252, 253 – N/A
Noise	No impacts - no noise generated by this proposal.	#239 - 12609 acres of Noise Zone 2 and 3 extends off the installation, which is moderately encroached by development.
Threatened & Endangered Species/Critical Habitat	Three TES species exist on main installation (Bald Eagle, Indiana Bat, Grey Bat), with no restrictions to operations. Additional operations may impact threatened / endangered species possibly leading to restrictions on training or operations	#259 – Three TES species identified on main installation (Bald Eagle, Indiana Bat, Grey Bat), w/ no restr. #260-264 - No habitat/candidate species ISR2 shows no impact.
Waste Management	No impacts - Incoming personnel do not need OB/OD area.	Q#269 – Installation does not have RCRA Subpart X permit

Water Resources	Installation / range is located over the recharge zone of a sole-source aquifer, which may result in future regulatory limitations on training activities.	#276 – over sole source aquifer #278, 279, 293 – No water restr IREM - infr can support 65K more people #291 –2 on-installation govt owned production plants #297 – 1 on-installation dom ww treatment plt #282 – no industrial ww treatment plts
Wetlands	No impacts	#251 - Survey dated 11/1994 #257 - Wetlands restrict less than 3% of the range and less than 3% of the main installation.

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Env Resource Area	<i>Losing Installation Assessment</i> Inst Name: Ft Monroe	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No impact	#213 In attainment for all Crit Pollutants
Cultural/Archaeological/Tribal Resources	No impact expected. Surveys and consultation with the SHPO will be required to determine existence and disposition of any archeological or historical resources.	#230, 232 - 1 Arch site - no restr #231,234 No Native People sites; no interest; #233 - 97% surveyed #235 150 Historic Properties listed #236 - No Programmatic Agreement
Drinking	No impact	
Land Use Constraints/Sensitive Resource Areas	Special waste management areas at the installation include unexploded ordnance in the moat. Restoration, monitoring/sweeps, access controls, and/or deed restrictions may be required for this area to prevent disturbance, health and safety risks, and/or long-term release of toxins to environmental media.	#273 - Installation has no MMRAs No operational ranges. #240 No DERA sites reported AEDB-R - shows Munitions Response sites containing UXO in the moat.
Marine Mammals/Marine Resources	No impact	
Noise	No impact	
Threatened & Endangered Species/Critical Habitat	No impact.	#259-264 - No TES/habitat/cand species
Waste Management	No impact.	#265 No RCRA TSD facility on site #269 No RCRA Subpart X Permit #272 No permitted solid waste disposal facility
Water Resources	No impact.	#275, 281 - No ground or surfacewater contamination. #822- Has domestic wastewater treatment plant #297 - 1 off-installation public dom ww treatment plant.
Wetlands	No impact	

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IMPACTS OF COSTS

Env Resource Area	Gaining Installation Inst Name: Ft Eustis, Ft Knox	Losing Installation Inst Name: Ft Monroe
Environmental Restoration*	None for all three installations.	UXO sweep and restoration - \$500K - \$20M
Waste Management	None for all three installations.	None
Environmental Compliance	<p><u>Eustis:</u> -Air Conformity Analysis - \$25K-\$75K -New Source Review - \$100K-\$500K -Develop PA -\$10K -Install Best Mgt 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 -NEPA (EA) - \$400K</p> <p><u>Knox:</u> -Develop PA -\$10K -Conduct Tribal govt to govt consultations - \$2K-\$10K per meeting. -Endangered Species Management (includes monitoring) \$20K-\$2M -NEPA (EA) - \$100K</p>	<p>Environmental Baseline Survey (EBS) \$300K-500K.</p> <p>Access controls / caretaker management - \$500K - 1M (annually).</p> <p>Asbestos / lead paint removal - \$200K - \$1M.</p> <p>Land Use controls management / enforcement in perpetuity - \$50K - \$100K per year.</p>
COBRA Costs:	<p><u>Eustis:</u> Air Conformity Analysis - \$50K New Source Review - \$100K NEPA (EA) - \$400K</p> <p><u>Knox:</u> NEPA (EA) - \$100K</p>	<p><u>Monroe:</u> EBS plus disposal EA - \$1.3M.</p>