

**SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS [TABS FINAL VERSION]**

**SCENARIO # 275 & 499 TITLE: E&T-0029v3 MOVE US ARMY PRIME POWER SCHOOL**

**GENERAL DESCRIPTION:** Consolidate the U.S. Army Engineering School by relocating the US Army Prime Power School from Ft Belvoir to Ft Leonard Wood. Includes prime power training at FLW with other engineer MOSs.

**Notes:**

1. Fort Leonard Wood gains approximately 100 personnel and requires 16,000 SF new MILCON

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

**LAST UPDATE: 26 APRIL 2005**

Env Resource Area	<i>Gaining</i> Installation Assessment Inst Name: <b>Fort Leonard Wood</b>	Analyst Comments (& data source(s) that drive assessment)
Air Quality	Fort Leonard Wood is in attainment for all criteria pollutants. Although installation currently reports violations of threshold and permit levels, addition of limited operations will not likely adversely affect air quality further. A more detailed emission analysis may be required to determine regulatory impact of new activities.	#213 - All NAAQS in Attainment. #211 Emissions inventory shows permit limits exceeded for VOC, Nox, CO, and PM 10, and Major Source thresholds exceeded for VOC and CO. Anticipated permit exceedences for VOC, NOX, CO, SO, PM10 and threshold exceedences for VOC, CO and SO2, based on 1% emissions transfer from Fort Belvoir. #220 No permit ISR2 - No impact to mission.
Cultural/Archeological/Tribal Resources	550 archaeological resources and 34 historic properties identified. Cultural / archeological / tribal resources currently restrict operations. Additional operations may impact these resources and result in further restrictions on training or operations. A potential impact may occur as a result of increased time delays and negotiated restrictions. Since there is no Programmatic Agreement in place, potential impacts may occur, since resources must be evaluated on a case-by-case basis. Cultural / archeological / tribal resources currently restrict operations. Additional operations may impact these resources and result in further restrictions on training or operations.  Likely no impact - sufficient buildable acres exist to accommodate new construction while avoiding cultural resources.	#230-232 - 550+ arch resource sites, with restrictions on soil disturbance #233 - 88% surveyed #234 - 3 tribes assert interest; no formal consultations #235 - 34 historic properties listed #236 - No programmatic agreement ISR2 shows access to sites impacts mission.
Dr ed g- ing	No impact.	
Land Use Constraint/s/ Sensitiv	No impact.	Buildable Acres - <10 req'd, with 489 acres available (489 excludes tng & hsg BA) #201,254,256 - No constraints.
Mar ine Mammals/ Marine	No impact.	

Noise	No impact - Negligible new noise attributed to this proposal.	#239 - 138 acres of Noise Zone 2 extend outside installation, which is minimally encroached by development.
Threatened & Endangered Species/Critical Habitat	TES on installation include Indiana Bat, Gray Bat and the Bald Eagle with <2% of training land restricted. Additional operations may further impact threatened / endangered species leading to additional restrictions on training or operations.	#259, 261- show impacts. TES include Indiana Bat, Gray Bat, Bald Eagle, <2% of training land impacted (mostly caves) #260,262-264 - No candidate species/habitat ISR2 shows impact.
Waste Management	No impact.	#269 No RCRA Subpart X Permit - but none needed.
Water Resources	No impact.	#276,278,279,293 - No restrictions ISR2 - no impacts IREM shows water infrastructure can support 38,268 more people. #291- 1 On Military Installation Govt Owned Plant for potable water #297-1 On Military Installation Govt Owned Plant for sewage treatment #282-No industrial wastewater plant
Wetlands	No impact. Wetlands already restrict operations. Additional operations may impact wetlands, which may lead to operations that are restricted.	#251-Survey completed 5/95 #257 - 2.5% of range has vehicle traffic restricted by wetlands.

**SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED)**

**SCENARIO # 275 & 499 (E&T-0029V3)**

Env Resource Area	<i>Losing Installation Assessment</i> Inst Name: <b>Ft Belvoir</b>	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No impact.	N/A- Negligible environmental impacts – installation is not closing.
Cultural/ Archeological Resources	No impact.	
Dredging	No impact.	
Land Use Constraints/Sensitive Resource Areas	No impact.	
Marine Mammals/ Marine Resources / Marine Sanctuaries	No impact.	
Noise	No impact.	
Threatened & Endangered Species/ Critical Habitat	No impact.	
Waste Management	No impact.	
Water Resources	No impact.	
Wetlands	No impact.	

**SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED)****SCENARIO #275 & 499 (E&T-0029v3)*****IMPACTS OF COSTS***

<b>Env Resource Area</b>	<b>Gaining Installation Inst Name: Ft Leonard Wood</b>	<b>Losing Installation Inst Name: Ft Belvoir</b>
<b>Environmental Restoration*</b>	None.	N/A– installation is not closing.
<b>Waste Management</b>	None.	N/A
<b>Environmental Compliance</b>	<ul style="list-style-type: none"> <li>-Develop Programmatic Agreement - \$10K</li> <li>-Conduct tribal gov't-to-gov't consultation - \$500-\$2K per meeting</li> <li>-Re-alignment NEPA at gaining base: \$100K (EA) (Based on moving pop of approximately 100 personnel)</li> <li>-Endangered Species Management (includes monitoring) -\$20K-\$2M</li> </ul>	N/A
<b>COBRA Costs:</b>	NEPA (EA) - \$100K.	N/A