

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

**SCENARIO # MED-0016R TITLE: MED-0016R DISESTABLISH 59<sup>TH</sup> MEDICAL WING INPATIENT FACILITY**

**GENERAL DESCRIPTION:** Realign Naval Air Station Great Lakes IL, by relocating medical enlisted basic training to Fort Sam Houston, TX. Realign Sheppard Air Force Base, TX by relocating medical enlisted basic training and medical enlisted specialist training to Fort Sam Houston, TX. Realign Naval Medical Center Portsmouth, VA by relocating medical enlisted specialty training to Fort Sam Houston, TX. Realign Naval Medical Center San Diego, CA, by relocating medical enlisted specialty training to Fort Sam Houston.

Notes:

- 1). New MILCON required for Ft. Sam Houston approximately 2,177,000 SF
- 2). Approximately 8,000 personnel moving to Ft. Sam Houston from Lackland AFB, NVASTA Great Lakes, Sheppard AFB, NMC Portsmouth, NMC San Diego.

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

**LAST UPDATE: 25 APRIL 2005**

Env Resource Area	<i>Gaining</i> Installation Assessment Inst Name: <b>Ft Sam Houston</b>	Analyst Comments (& data source(s) that drive assessment)
Air Quality	Impact Expected.  Ft Sam Houston is Attainment area for all NAAQS, but operating permit for VOCs is projected to be exceeded. Pursuit of Title V permit, permit modifications, and a New Source Review may be required.	#213 – In attainment for all NAAQS. #211 - Permit threshold for VOCs projected to be exceeded. (based on 53% increase in Fort Sam Houston emissions) #212-No exceedences reported. #220 - Minor Operating Permit (natural minor) #218/ISR - No mission impact indicated.
Cultural/Archeological/Tribal Resources	344 Archeological sites and 895 historic properties listed, with no restrictions on operations and/or training. 4 non-local tribes assert interest in archeological/sacred sites.  Potential impact may occur since resources must be evaluated on a case-by-case basis, thereby causing increased delays and costs. Due to interest from non-local tribes, a potential impact may occur as a result of increased time delays and negotiated restrictions.	#230 – 344 Archeological sites w/ no restrictions (Camp Bullis); #232 high potential for arch sites; #231 - No Native peoples sites #233- 80% surveyed; #234 - 4 non-local tribes assert interest, in formal consultation #235- 895 historic properties #236 - No programmatic. agreement ISR2 - No adverse impact to mission.
Dredging	No Impact.	#226, 227, 228 – N/A
Land Use Constraints/Sensitive Resource Areas	No Impact.	#30 - Buildable Acres – 1,176 acres available, 354 required (based on approximately 8 large admin org. bldgs each housing 970 people) #201, 254, 256 - no restr. CERL Study – high encroachment projected
Marine Mammals/Marine Resources	No Impact.	#248, 249, 250, 252, 253 – N/A

Noise	No Impact.	#239 - No noise contours extend off-installation.
Threatened & Endangered Species/Critical Habitat	<p>5 Threatened Species exist on installation: Golden Checked warbler, Black-capped vireo, Madla's cave meshweaver, Rhadine exilis, Rhadine infernalis. Restrictions preclude noise and smoke within 100 meters of Golden Checked warbler and Black-capped vireo, and 100 meter restrictions around cave openings for Madla's cave meshweaver, Rhadine Exilis, and Rhadine Infernalis.</p> <p>Additional operations may further impact threatened / endangered species leading to additional restrictions on training or operations. Due to the amount of new construction, an Endangered Species Planning Level Survey will likely be required.</p>	<p>#259 - 5 Threatened Species, with impact to range areas. Species listed are Golden Checked warbler, Black-capped vireo, Madla's cave meshweaver, Rhadine Exilis, Rhadine Infernalis.</p> <p>#260 No critical habitat</p> <p>#261-3 Bio opinions; 1 imposes restrictions on water pumped from Edwards aquifer</p> <p>#264 - No habitat restrictions, no proposed critical habitat</p> <p>#263 – No candidate species; ISR2 shows no impact.</p> <p>#262-No development restrictions</p>
Waste Management	No impact. However, waste management infrastructure will have to be upgraded to handle significant increase in installation personnel.	<p>#269 – Has RCRA Subpart X OB/OD Permit,</p> <p>#265- Has RCRA (TSD) facility.</p> <p>#272 – Not a permitted solid waste disposal facility</p>
Water Resources	<p>Installation is located over or in the recharge zone of sole-source aquifer, which may result in future regulatory limitations on training activities.</p> <p>Water quality is 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 US EPA water quality standards.</p>	<p>#276- Located over recharge zone of sole-source aquifer</p> <p>#278 – Not subject to McCarren Amdmt</p> <p>#293 – Water use restrictions have been reported (2000, 2002) - water conservation</p> <p>#824/825 indicates adequate water avail</p> <p>IREM – potable water infr. can support approx 143,000 more people – 1,900 added</p> <p>#279 - Does discharge to impaired waterway, but does not impair the waterway.</p> <p>#291 –3 on-installation water production plants</p> <p>#297 – 2 on site dom ww treatment plants; 1 off-installation publicly-owned plant.</p> <p>#282 – No industrial wastewater trmt plant</p>
Wetlands	No Impact.	<p>#251 - Survey dated 9/1999</p> <p>#257 – 1% of installation has restricted wetlands</p>

**SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED);  
SCENARIO #MED-0016R**

Env Resource Area	<i>Losing</i> Installation Assessment Inst Name:	Analyst Comments (& data source(s) that drive assessment)
Air Quality	N/A	Environmental assessment for losing installation to be completed by Air Force and Navy.
Cultural/ Archeological Resources	N/A	Environmental assessment for losing installation to be completed by Air Force and Navy.
Dredging	N/A	Environmental assessment for losing installation to be completed by Air Force and Navy.
Land Use Constraints/Sensitive Resource Areas	N/A	Environmental assessment for losing installation to be completed by Air Force and Navy.
Marine Mammals/Marine	N/A	Environmental assessment for losing installation to be completed by Air Force and Navy.
Noise	N/A	Environmental assessment for losing installation to be completed by Air Force and Navy.
Threatened & Endangered	N/A	Environmental assessment for losing installation to be completed by Air Force and Navy.
Waste Management	N/A	Environmental assessment for losing installation to be completed by Air Force and Navy.
Water Resources	N/A	Environmental assessment for losing installation to be completed by Air Force and Navy.
Wetlands	N/A	Environmental assessment for losing installation to be completed by Air Force and Navy.

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***IMPACTS OF COSTS***

Env Resource Area	Gaining Installation Inst Name: Ft Sam Houston	Losing Installations Inst Name: N/A (Not an Army Installation)
Environmental Restoration*	None	N/A.
Waste Management	None	N/A.
Environmental Compliance	<ul style="list-style-type: none"> <li>-Air Conformity Analysis/Permit Modifications -\$25K-\$75K</li> <li>-New Source Review permitting -\$100K-\$500K</li> <li>-Evaluation to determine if archaeological/tribal sites are significant - \$15K-\$40K per site</li> <li>-Evaluation to determine if historic buildings/structures are significant -\$1K-\$2K</li> <li>-Develop PA -\$10K</li> <li>-Tribal gov't-to-gov't consultation -\$500-\$2K per meeting</li> <li>-Endangered Species Management (includes monitoring) \$20K-\$2M</li> <li>-ESA Species Planning Level Survey - \$20K to \$100K</li> <li>-Install Best Management Practices to protect impaired waterways and reduce non-point source runoff from training areas and ranges - \$100K-\$3M</li> <li>-Realignment NEPA at gaining base -\$1M (EIS) based on moving approx.8,000 people</li> </ul>	N/A.
<b>COBRA Costs:</b>	<ul style="list-style-type: none"> <li>-Air Conformity Analysis/Permit Modifications -\$50K</li> <li>New Source Review -\$100K</li> <li>-Realignment NEPA at gaining base -\$1M (EIS)</li> </ul>	N/A.