

## Summary of Scenario Environmental Impacts - Criterion 8

Scenario ID#: USAF-0081V2 (428.2)

Brief Description: Realign Beale AFB, CA

<u>General Environmental Impacts</u>	
Environmental Resource Area	Beale (Losing)
<b>Air Quality</b>	No impact
<b>Cultural/ Archeological/ Tribal Resources</b>	No impact
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	No impact
<b>Marine Mammals/ Marine Resources/ Marine Sanctuaries</b>	No impact
<b>Noise</b>	No impact
<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	No impact
<b>Waste Management</b>	No impact
<b>Water Resources</b>	No impact
<b>Wetlands</b>	No impact

<u>Impacts of Costs</u>	
	Beale (Losing)
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 101612 Estimated CTC (\$K): 93795 DO NOT ENTER IN COBRA
<b>Waste Management</b>	None
<b>Environmental Compliance</b>	None

<b><u>General Environmental Impacts</u></b>	
<b>Environmental Resource Area</b>	<b>Selfridge (Gaining)</b>
<b>Air Quality</b>	Selfridge is in nonattainment for Ozone (8 hr, marginal). A preliminary conformity analysis indicates that conformity should be achievable for the combined Air Force BRAC scenarios and force structure changes planned at Selfridge. A conformity analysis will be required. A significant air permit revision may be necessary.
<b>Cultural/ Archeological/ Tribal Resources</b>	115 Historic properties are located on the installation, and the installation has a programmatic agreement. Additional operations may impact these properties and/or require consultation with the state historic preservation office.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	A sensitive resource area exists, but it does not restrict operations. Additional operations may impact this area, which may impact operations. Military Munitions Response Program sites exist on the installation and may represent a safety hazard for future development.
<b>Marine Mammals/ Marine Resources/ Marine Sanctuaries</b>	No impact
<b>Noise</b>	Noise contours will need to be re-evaluated as a result of the change in mission. The AICUZ reflects the current mission/local land use/current noise levels, and noise abatement procedures have been published. 686 Acres off-base within the noise contours are zoned by the local community. 533 Of these acres are residentially zoned. The community has not purchased easements for the area surrounding the installation.
<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	No T&E species or critical habitats exist. No impact to T&E species is expected.
<b>Waste Management</b>	Modification of hazardous waste program may be necessary.
<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands restrict 15% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
<b>Selfridge (Gaining)</b>	
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 7890 Estimated CTC (\$K): 36221 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Waste program modification: Scenario \$18K / Cumulative \$100K
<b>Environmental Compliance</b>	FY06 NEPA cost: Scenario \$57K / Cumulative \$318K FY07 Conformity Analysis cost: Scenario \$9K / Cumulative \$50K FY07 Significant Air Permit Revision cost: Scenario \$36K / Cumulative \$200K

<b><u>General Environmental Impacts</u></b>	
<b>Environmental Resource Area</b>	<b>McGhee Tyson (Gaining)</b>
<b>Air Quality</b>	The base is in a nonattainment area for ozone. An initial conformity analysis indicated that a conformity determination is not required.
<b>Cultural/ Archeological/ Tribal Resources</b>	No impact
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	No impact
<b>Marine Mammals/ Marine Resources/ Marine Sanctuaries</b>	No impact
<b>Noise</b>	Less than a 3dB general increase in contours can be expected. The FAA Part 150 reflects the current mission/local land use/current noise levels. 2883 acres off-base within the noise contours are zoned by the local community. 1190 of these acres are residentially zoned. The community has not purchased easements for area surrounding the installation.
<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	No impact
<b>Waste Management</b>	No impact
<b>Water Resources</b>	No impact
<b>Wetlands</b>	No impact

<b><u>Impacts of Costs</u></b>	
	<b>McGhee Tyson (Gaining)</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 3,026 Estimated CTC (\$K): 3,601 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No Impact
<b>Environmental Compliance</b>	FY06 NEPA Cost: Scenario \$89K / Cumulative \$281K FY07 Conformity analysis cost: Scenario \$16K / Cumulative \$50K

<b><u>General Environmental Impacts</u></b>	
<b>Environmental Resource Area</b>	<b>MacDill (Gaining)</b>
<b>Air Quality</b>	No impact
<b>Cultural/ Archeological/ Tribal Resources</b>	Two archeological sites may impact the proposed actions. Current and future construction is constrained within the sites. Three Native American organizations have asserted an interest in burial site(s) and re-internment of Native American remains. Interaction with these Native American organizations is rare. The base has two historic districts totaling 80 acres that are comprised of 41 contributing resources. There are also two historic properties not in districts.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	Military Munitions Response Program sites exist on the installation and may represent a safety hazard for future development.
<b>Marine Mammals/ Marine Resources/ Marine Sanctuaries</b>	No impact
<b>Noise</b>	Less than a 3dB general increase in contours can be expected. The AICUZ reflects the current mission, local land use, and current noise levels. 789 acres off-base within the noise contours are zoned by the local community. 393 of these acres are residentially zoned. The community has not purchased easements for area surrounding the installation.
<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	T&E species and/or critical habitats exist but don't impact operations. Additional operations may impact T&E species

	and/or critical habitats.
<b>Waste Management</b>	No impact.
<b>Water Resources</b>	Potable water controls/restrictions were implemented on 1,825 days from FY99 through FY03. Modification of on-installation treatment works may be necessary.
<b>Wetlands</b>	Wetlands make up 20% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
	<b>MacDill (Gaining)</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 36,310 Estimated CTC (\$K): 61,630 DO NOT ENTER IN COBRA
<b>Waste Management</b>	None
<b>Environmental Compliance</b>	FY06 NEPA Cost: Scenario \$38K / Cumulative \$281K