

Summary of Scenario Environmental Impacts - Criterion 8

Scenario ID#: USAF 0129 (326)

Brief Description: Realign Martin State APT AGS. The 175th Wing's (ANG) C-130J aircraft will be distributed to the 146th Airlift Wing (ANG), Channel Islands AGS, California (4 PAA) and 143d Airlift Wing (ANG), Quonset State Airport AGS, Rhode Island (4 PAA). The 143rd Airlift Wing will retire C-130E (2 PAA). The 146th Airlift Wing will retire C-130E (2 PAA).

<u>General Environmental Impacts</u>	
Environmental Resource Area	Martin State (Losing)
Air Quality	No impact
Cultural/ Archeological/ Tribal 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 T&E species or critical habitats exist. No impact to T&E species is expected
Waste Management	No impact
Water Resources	No impact
Wetlands	No impact

<u>Impacts of Costs</u>	
	Martin State (Losing)
Environmental Restoration	DERA money spent through FY03 (\$K): 70 Estimated CTC (\$K): 1262 DO NOT ENTER IN COBRA

Waste Management	No impact
Environmental Compliance	FY07 Conformity Analysis: Scenario \$0K / Cumulative \$50K

<u>General Environmental Impacts</u>	
Environmental Resource Area	Channel Islands (Gaining)
Air Quality	A preliminary conformity analysis shows that a conformity determination is not needed. San Rafael Wilderness Area, a critical air quality region, is within 100 miles of the installation, but it does not restrict operations.
Cultural/ Archeological/ Tribal Resources	No impact
Dredging	No impact
Land Use Constraints/ Sensitive Resource Areas	Sensitive resource areas exist but do not constrain operations. Additional operations may impact these areas and may constrain operations.
Marine Mammals/ Marine Resources/ Marine Sanctuaries	No impact
Noise	Less than a 3dB general increase in contours can be expected. The AICUZ reflects the current mission/local land use/current noise levels. 5677 acres off-base within the noise contours are zoned by the local community. Noise contours do not affect off-base residential zoning in the local community. The community has not purchased easements for the area surrounding the installation.
Threatened& Endangered Species/ Critical Habitat	No T&E species or critical habitats exist. No impact to T&E species is expected.
Waste Management	No impact
Water Resources	No impact
Wetlands	A wetlands survey may need to be conducted to determine impact.

<u>Impacts of Costs</u>	
	Channel Islands (Gaining)
Environmental Restoration	DERA money spent through FY03 (\$K): 0 Estimated CTC (\$K): 0 DO NOT ENTER IN COBRA
Waste Management	None
Environmental Compliance	FY07 Air Conformity Analysis: Scenario \$49K / Cumulative \$50K

<u>General Environmental Impacts</u>	
Environmental Resource Area	Quonset State (Gaining)
Air Quality	An initial conformity analysis shows that a conformity determination is not needed.
Cultural/ Archeological/ Tribal Resources	No impact
Dredging	No impact
Land Use Constraints/ Sensitive Resource Areas	No impact
Marine Mammals/ Marine Resources/ Marine Sanctuaries	No impact
Noise	Less than a 3dB general increase in contours can be expected. The installation does not have an AICUZ or Part 150, and the Installation Environmental Noise Management Plan (IENMP) does not reflect current mission and noise contours. The IENMP may need to be updated to reflect the change in mission.
Threatened& Endangered Species/ Critical Habitat	No T&E species or critical habitats exist. No impact to T&E species is expected.
Waste Management	No impact
Water Resources	No impact
Wetlands	Wetlands do not exist. No impact.

<u>Impacts of Costs</u>	
	Quonset State (Gaining)
Environmental Restoration	DERA money spent through FY03 (\$K): 20 Estimated CTC (\$K): 0 DO NOT ENTER IN COBRA
Waste Management	No impact
Environmental Compliance	FY07 Air Conformity Analysis: Scenario \$40K / Cumulative \$50K

<u>General Environmental Impacts</u>	
Environmental Resource Area	Andrews (Gaining)
Air Quality	A preliminary conformity analysis shows that a conformity determination is not needed. The base is located within 100 miles of Shenandoah National Park, a critical air quality region. This does not restrict operations.
Cultural/ Archeological/ Tribal Resources	The scenario may impact a historic property that is not in a historic district.
Dredging	No impact
Land Use Constraints/ Sensitive Resource Areas	The scenario may require building on constrained acreage. Electromagnetic radiation and/or emissions constrain current military installation, range, or auxiliary field operations. Military Munitions Response Program sites exist on the installation and may represent a safety hazard for future development. The base uses safety waivers and exemptions to accomplish the mission. Additional operations may compound the need for safety waivers. The base cannot expand ESQD Arcs by ≥ 100 feet without a waiver, which may lower the safety of the base if operations are added.
Marine Mammals/ Marine Resources/ Marine Sanctuaries	No impact
Noise	Less than a 3dB general increase in contours can be expected. The AICUZ reflects the current mission, local land use, and current noise levels. 8,311 acres off-base within the noise contours are zoned by the local community. 3,787 of these acres are residentially zoned. Indicate whether the community has purchased easements for area surrounding the installation.

Threatened& Endangered Species/ Critical Habitat	T&E species and/or critical habitats exist but don't impact operations. Additional operations may impact T&E species and/or critical habitats.
Waste Management	No impact
Water Resources	The state requires a permit for withdrawal of groundwater.
Wetlands	Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<u>Impacts of Costs</u>	
	Andrews (Gaining)
Environmental Restoration	DERA money spent through FY03 (\$K): 53,781 Estimated CTC (\$K): 66,007 DO NOT ENTER IN COBRA
Waste Management	No impact
Environmental Compliance	FY06 NEPA cost: Scenario \$0K / Cumulative \$281K FY07 Air Conformity Analysis Scenario \$0K / Cumulative \$50K