

Summary of Scenario Environmental Impacts - Criterion 8

Scenario ID#: S316

Brief Description: Close Pope AFB. The 43d Airlift Wing will inactivate and assigned C-130E aircraft (25 PAA) will be distributed to the 314th Airlift Wing, Little Rock AFB, Arkansas. Little Rock will retire C-130E aircraft (41 PAA); recode C-130E aircraft to BAI (8 PAA); and distribute C-130J aircraft to the 143d Airlift Wing (ANG), Quonset State Airport AGS, Rhode Island (1 PAA) and 146th Airlift Wing (ANG), Channel Islands AGS, California (2 PAA). Close Pope AFB. The 43d Airlift Wing will inactivate and assigned C-130E aircraft (25 PAA) will be distributed to the 314th Airlift Wing, Little Rock AFB, Arkansas. Little Rock will retire C-130E aircraft (41 PAA); recode C-130E aircraft to BAI (8 PAA); and distribute C-130J aircraft to the 143d Airlift Wing (ANG), Quonset State Airport AGS, Rhode Island (1 PAA) and 146th Airlift Wing (ANG), Channel Islands AGS, California (2 PAA). The 23d Fighter Group at Pope and associated A-10 aircraft (36 PAA) will be relocated to Moody AFB, Georgia. The 347th Rescue Wing at Moody will distribute assigned HC-130P (11 PAA) and HH-60 (14 PAA) aircraft to the 355th Wing, Davis-Monthan AFB. The 23d Fighter Group at Pope and associated A-10 aircraft (36 PAA) will be relocated to Moody AFB, Georgia. The 347th Rescue Wing at Moody will distribute assigned HC-130P (11 PAA) and HH-60 (14 PAA) aircraft to the 355th Wing, Davis-Monthan AFB.

<u>General Environmental Impacts</u>	
Environmental Resource Area	Pope
Air Quality	A minor air permit revision may be necessary.
Cultural/ Archeological/ Tribal Resources	The base has an 18-acre historic district with 32 contributing resources. There is also one 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. Operations are already restricted because of two Sensitive Resource Areas: red-cockaded woodpecker habitats and wetlands. Additional operations may further impact constraining factors and therefore further restrict operations. The base identified four constraints on operations where personnel are unable to complete training requirements at the home installation and must go TDY. Military Munitions Response Program sites exist on the installation and may represent a safety hazard for future development.
Marine Mammals/ Marine Resources/ Marine	No impact

Sanctuaries	
Noise	No increase in off-base noise is expected.
Threatened& Endangered Species/ Critical Habitat	T&E species and/or critical habitats exist and impact operations. Additional operations may further impact T&E species and/or critical habitats.
Waste Management	No impact
Water Resources	No impact
Wetlands	Wetlands restrict 6.9% of the base. Wetlands already restrict operations. Additional operations may impact wetlands, which may restrict operations.

<u>Impacts of Costs</u>	
	Pope AFB
Environmental Restoration	DERA money spent through FY03 (\$K): 15,401 Estimated CTC (\$K): 9,661 DO NOT ENTER IN COBRA
Waste Management	No impact
Environmental Compliance	FY06 NEPA cost: \$48K

<u>General Environmental Impacts</u>	
Environmental Resource Area	Little Rock
Air Quality	A minor air permit revision may be required
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 constraining factors and therefore restrict operations. Military Munitions Response Program sites exist on the installation and may represent a safety hazard for future development.
Marine Mammals/ Marine Resources/ Marine	No impact

Sanctuaries	
Noise	Less than a 3dB general increase in contours can be expected. The AICUZ reflects the current mission, local land use, & current noise levels. The area surrounding the base is not zoned by the local community, and easements have not been purchased for developed or undeveloped land.
Threatened& Endangered Species/ Critical Habitat	No T&E species or critical habitats exist. No impact to T&E species is expected.
Waste Management	Modification of hazardous waste program may be required.
Water Resources	The state requires a permit for withdrawal of groundwater.
Wetlands	Wetlands restrict 2.3% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<u>Impacts of Costs</u>	
	Little Rock
Environmental Restoration	DERA money spent through FY03 (\$K): 26731 Estimated CTC (\$K): 24511 DO NOT ENTER IN COBRA
Waste Management	Modification of Haz Waste Program: \$100K
Environmental Compliance	FY06 NEPA cost: \$318 FY07 Minor Air Permit Revision: \$50K

<u>General Environmental Impacts</u>	
Environmental Resource Area	Quonset State
Air Quality	An initial conformity analysis shows that a conformity determination is not needed. A minor air permit revision may be needed.
Cultural/ Archeological/ Tribal Resources	No impact
Dredging	No impact
Land Use Constraints/ Sensitive Resource Areas	Quonset reported 0 acres of unconstrained acreage. The scenario may require building on constrained acreage. Sensitive resource areas exist but do not restrict operations. Additional operations may impact these areas and restrict operations. 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 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
Environmental Restoration	DERA money spent through FY03 (\$K): 20 Estimated CTC (\$K): 0 DO NOT ENTER IN COBRA
Waste Management	No impact
Environmental Compliance	FY06 Realignment NEPA cost: \$281K FY07 Air Conformity Analysis: \$50K FY07 Minor air permit revision: \$100K

<u>General Environmental Impacts</u>	
Environmental Resource Area	Channel Islands
Air Quality	Conformity analysis estimate is \$50K. 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

Sanctuaries	
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
Environmental Restoration	DERA money spent through FY03 (\$K): 0 Estimated CTC (\$K): 0 DO NOT ENTER IN COBRA
Waste Management	None
Environmental Compliance	FY06 NEPA cost: \$281K FY07 Air Conformity Analysis \$50K

<u>General Environmental Impacts</u>	
Environmental Resource Area	Moody
Air Quality	The installation is in attainment for all pollutants. A minor air permit revision may be needed. A critical air quality region is located within 100 miles of the base; however, this does not constrain operations.
Cultural/ Archeological/ Tribal Resources	The installation contains 65 archaeological sites; 6 constrain current construction, future construction, and training/testing operations by requiring pre-impact consultation. The base has been in formal consultation with 10 Native American tribes who are interested archaeological sites. One historic property is present. Additional operations may impact these sites/properties, which may constrain operations.
Dredging	No impact

Land Use Constraints/ Sensitive Resource Areas	Operations are already restricted because of non-DoD laws, regulations, or policies at the main installation and the training range. Two acres and groundwater have been restricted because of the Burma Road Landfill, which has a benzene groundwater plume that is located within 0.038 miles of the installation. Two sensitive resource areas are present; one, the Banks Lake National Wildlife Refuge restricts base and range ops by requiring an altitude above the refuge of at least 1,500 ft AGL. Additional operations may further impact these constraining factors and therefore further restrict operations.
Marine Mammals/ Marine Resources/ Marine Sanctuaries	No impact
Noise	Noise contours will need to be re-evaluated as a result of the change in mission. Noise abatement procedures are already in place. The AICUZ reflects the current mission/local land use/current noise levels, and has been adopted for local land use planning. 12,127 acres off-base within the noise contours are zoned by the local community. 96 of these acres are residentially zoned. The community has not purchased easements for the area surrounding the installation.
Threatened& Endangered Species/ Critical Habitat	One T&E species on the main installation and one T&E species on the range already restrict operations. In addition, two Biological Opinions are in place for the Gulf of Mexico water training area (marine turtles) and Bemiss Field/C-130 Drop Zone (eastern indigo snake). Additional operations may impact T&E species. In addition, the Biological Opinions will need to be evaluated to ensure the scenario conforms to them.
Waste Management	Modification of the hazardous waste program may be required.
Water Resources	No impact
Wetlands	Wetlands restrict 31% of the base and 43% of the range. Wetlands already restrict construction operations. Additional operations may impact wetlands, which may restrict operations.

<u>Impacts of Costs</u>	
	Moody
Environmental Restoration	DERA money spent through FY03 (\$K): 42,962 Estimated CTC (\$K): 50,384 DO NOT ENTER IN COBRA
Waste Management	FY07 Hazardous Waste Program Modification: \$100K

Environmental Compliance	FY06 NEPA cost: \$776K FY07 Minor Air Permit Revision: \$50K
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<u>General Environmental Impacts</u>	
Environmental Resource Area	Davis-Monthan
Air Quality	A significant air permit revision may be needed. The base is located within 100 miles of five critical air quality regions. This does not restrict operations.
Cultural/ Archeological/ Tribal Resources	The base has a historic property that may impact this scenario.
Dredging	No impact
Land Use Constraints/ Sensitive Resource Areas	Operations are already constrained because of enactment of limited night-time flying has caused delays in mission and there are altered, modified, or re-routed flight operations and/or flight patterns. Additional operations may further impact constraining factors and therefore further restrict 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.
Marine Mammals/ Marine Resources/ Marine Sanctuaries	No impact
Noise	Less than a 3dB general increase in contours can be expected. The AICUZ and JLUS reflect the current mission, local land use, and current noise levels. 2,778 acres off-base within the noise contours are zoned by the local community. 626 of these acres are residentially zoned. The community has not purchased easements for 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	Modification of the hazardous waste program is needed.
Water Resources	The McCarran Amendment [43 U.S.C. 666 (1952)], waives the sovereign immunity of the United States and permits State courts to adjudicate all Federal water rights where there is a general adjudication designed to establish all rights in a watershed and the United States is properly served. A source from which the installation draws water is currently the subject of an adjudication under the McCarran Amendment.

Wetlands	Wetlands Survey may need to be conducted to determine impact. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.
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<u>Impacts of Costs</u>	
	Davis-Monhan
Environmental Restoration	DERA money spent through FY03 (\$K): 18,216 Estimated CTC (\$K): 3,930 DO NOT ENTER IN COBRA
Waste Management	FY07 Hazardous Waste Program \$100K
Environmental Compliance	FY06 NEPA cost: \$318K FY07 Air Permit Revision \$100K