

Summary of Scenario Environmental Impacts - Criterion 8

Scenario ID#: USAF-0089V3 (704.4)

Brief Description: Close Kulis AGS, AK

<u>General Environmental Impacts</u>	
Environmental Resource Area	Kulis AGS (Closing)
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 impact
Waste Management	No impact
Water Resources	No impact
Wetlands	No impact.

<u>Impacts of Costs</u>	
	Kulis AGS (Closing)
Environmental Restoration	DERA money spent through FY03 (\$K): 752 Estimated CTC (\$K): 0 DO NOT ENTER IN COBRA
Waste Management	No impact
Environmental Compliance	No impact

<u>General Environmental Impacts</u>	
Environmental Resource Area	Elmendorf (Gaining)
Air Quality	A significant air permit revision is needed.
Cultural/ Archeological/ Tribal Resources	Sites or areas were identified with high potential for archeological sites. The installation has been in formal consultation within the last two years with two Native American tribes. The tribes are local to the installation, and the subject of interest is archeological in nature. The installation has seven historic districts covering 391 acres that include 42 contributing resources. Seven historic properties are not in districts.
Dredging	No impact
Land Use Constraints/ Sensitive Resource Areas	Air operations are already constrained because of weather between October and March, and limits night-time flying. 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	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, and current noise levels. The area surrounding the base is not zoned by the local community. 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 hazardous waste program is needed.
Water Resources	No impact
Wetlands	Wetlands restrict 12% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<u>Impacts of Costs</u>

	Elmendorf (Gaining)
Environmental Restoration	DERA money spent through FY03 (\$K): 74,360 Estimated CTC (\$K): 49,604 DO NOT ENTER IN COBRA
Waste Management	FY07 Hazardous Waste Program: Scenario \$12K / Cumulative \$100K
Environmental Compliance	FY06 NEPA cost: Scenario \$90K / Cumulative \$776K FY07 Air Permit Revision: Scenario \$12K / Cumulative \$100K

<u>General Environmental Impacts</u>	
Environmental Resource Area	Langley (Gaining)
Air Quality	A preliminary assessment shows that a conformity determination is required for this scenario. A more in-depth review is required. The inability to achieve a positive conformity determination may be a constraint to this scenario. Air emission offsets may be required. A significant air permit revision may be needed.
Cultural/ Archeological/ Tribal Resources	Sites or areas with high potential for archeological sites were identified. The base has an 837.824-acre historic district with 282 contributing resources. There is one historic property that is not in a historic district.
Dredging	No impact
Land Use Constraints/ Sensitive Resource Areas	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. Noise abatement procedures are already in place for the main installation and range. The AICUZ reflects the current mission/local land use/current noise levels. 17,287 acres off-base within the noise contours are zoned by the local community. 2,774 of these acres are residentially zoned. 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	Modification of hazardous waste program may be required.
Water Resources	The state requires a permit for withdrawal of groundwater.

Wetlands	Wetlands restrict 7% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.
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<u>Impacts of Costs</u>	
	Langley (Gaining)
Environmental Restoration	DERA money spent through FY03 (\$K): 52,000 Estimated CTC (\$K): 27,000 DO NOT ENTER IN COBRA
Waste Management	FY07 Hazardous Waste Program Modification: Scenario \$96K / Cumulative \$100K
Environmental Compliance	FY06 NEPA cost: Scenario \$305K / Cumulative \$318K FY07 Air Conformity Analysis: Scenario \$48K / Cumulative \$50K FY07 Conformity Determination: Scenario \$96K / Cumulative \$100K FY07 Air Emissions Credits: Scenario \$629K / Cumulative \$655K FY07 Significant Air Permit Revision: Scenario \$192K / Cumulative \$200K