

Summary of Scenario Environmental Impacts - Criterion 8

Scenario ID#: USAF 00121V4 (318.3c2)

Brief Description: Close Niagara Falls ARS, NY

<u>General Environmental Impacts</u>	
Environmental Resource Area	Niagara Falls ARS (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	The installation is regulated by the USFWS regarding T&E species which may require consultation with the USFWS prior to the transfer of property.
Waste Management	No impact
Water Resources	No impact
Wetlands	Wetlands restrict 3.8% of the base.

<u>Impacts of Costs</u>	
Niagara Falls ARS (Losing)	
Environmental Restoration	DERA money spent through FY03 (\$K): 9232 Estimated CTC (\$K): 1420 DO NOT ENTER IN COBRA

Waste Management	No impact
Environmental Compliance	No impact

<u>General Environmental Impacts</u>	
Environmental Resource Area	Little Rock (Gaining)
Air Quality	An 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 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. 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 (Gaining)	

Environmental Restoration	DERA money spent through FY03 (\$K): 26731 Estimated CTC (\$K): 24511 DO NOT ENTER IN COBRA
Waste Management	Modification of Waste Program: Scenario \$10K / Cumulative \$100K
Environmental Compliance	FY06 NEPA cost: Scenario \$79K / Cumulative \$776K FY07 Air Permit Revision: Scenario \$10K / Cumulative \$100K

<u>General Environmental Impacts</u>	
Environmental Resource Area	Bangor IAP (Gaining)
Air Quality	A critical air quality region is located within 100 miles of the installation. This does not impact operations.
Cultural/ Archeological/ Tribal Resources	No impact
Dredging	No impact
Land Use Constraints/ Sensitive Resource Areas	Ten sensitive resource areas exist but none constrain operations. Additional operations may impact these areas, which may constrain operations.
Marine Mammals/ Marine Resources/ Marine Sanctuaries	No impact
Noise	No increase in off-base noise is expected
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 Survey may need to be conducted to determine impact.

<u>Impacts of Costs</u>	
Bangor IAP (Gaining)	
Environmental Restoration	DERA money spent through FY03 (\$K): 1218 Estimated CTC (\$K): 0 DO NOT ENTER IN COBRA
Waste Management	None

Environmental Compliance	None
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<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.

<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 \$1K / Cumulative \$100K
Environmental Compliance	FY06 NEPA cost: Scenario \$4K / Cumulative \$318K FY07 Air Conformity Analysis: Scenario \$1K / Cumulative \$50K FY07 Conformity Determination: Scenario \$1K / Cumulative \$100K FY07 Air Emissions Credits: Scenario \$8K / Cumulative \$665K FY07 Significant Air Permit Revision: Scenario \$3K / Cumulative \$200K

<u>General Environmental Impacts</u>	
Environmental Resource Area	Schriever (Gaining)
Air Quality	Schriever is in a maintenance area for carbon monoxide. A preliminary conformity analysis indicates that a conformity determination may not be necessary.
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 increase in off-base noise is expected.
Threatened& Endangered Species/ Critical Habitat	Black-tailed prairie dogs are candidate species that restrict 0.7% of the installation acreage. Additional operations may further impact T&E species and/or critical habitats.
Waste Management	No impact.
Water Resources	No impact.
Wetlands	Wetlands restrict 0.1% 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>	
	Schriever (Gaining)
Environmental Restoration	DERA money spent through FY03 (\$K): N/A Estimated CTC (\$K): N/A DO NOT ENTER IN COBRA
Waste Management	No impact
Environmental Compliance	FY06 NEPA Documentation: Scenario \$48K / Cumulative \$48K FY07 Conformity Analysis: Scenario \$50K / Cumulative \$50K

<u>General Environmental Impacts</u>	
Environmental Resource Area	Lackland (Gaining)
Air Quality	No impact
Cultural/ Archeological/ Tribal Resources	No construction is allowed on prehistoric sites. Sites or areas with high potential for archeological sites were identified. The base has two historic districts totaling 204.1 acres with 149 contributing resources. There are 210 historic properties not in districts.
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 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. 17,029 acres off-base within the noise contours are zoned by the local community. 3,299 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	No impact
Water Resources	No impact
Wetlands	Wetlands restrict 0.004% of the base and 0.008% of the range. Wetlands already restrict operations. Additional operations may impact wetlands, which may restrict operations.

<u>Impacts of Costs</u>	
	Lackland (Gaining)
Environmental Restoration	DERA money spent through FY03 (\$K): 50,297 Estimated CTC (\$K): 200,559 DO NOT ENTER IN COBRA
Waste Management	No impact
Environmental Compliance	FY06 NEPA: Scenario \$48K / Cumulative \$48K