

## Summary of Scenario Environmental Impacts - Criterion 8

Scenario ID#: USAF 0079V2 (432.1c2)

Brief Description: Realign Portland IAP AGS, OR

<b><u>General Environmental Impacts</u></b>	
<b>Environmental Resource Area</b>	<b>Portland</b>
<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 increase in off-base noise is expected.
<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>Portland</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 10,414 Estimated CTC (\$K): 8,289 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

<b><u>General Environmental Impacts</u></b>	
<b>Environmental Resource Area</b>	<b>Tinker</b>
<b>Air Quality</b>	The base is located within 100 miles of Wichita Mountains Wildlife Refuge, a critical air quality region. This does not restrict operations.
<b>Cultural/ Archeological/ Tribal Resources</b>	One or more installation cemeteries impose limitations on fee-simple ownership. The installation has an 81-acre historic district with seven contributing resources. There is also one historic property not in a historic district.
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	The base cannot expand ESQD Arcs by $\geq 100$ feet without a waiver, which may lower the safety of the base if operations are added.
<b>Marine Mammals/ Marine Resources/ Marine Sanctuaries</b>	No impact
<b>Noise</b>	No increase in off-base noise is expected.
<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>	No impact
<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands restrict 0.15% 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>Tinker</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 188700 Estimated CTC (\$K): 118347 DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	FY06 NEPA cost: Scenario \$0K / Cumulative \$48K

<b><u>General Environmental Impacts</u></b>	
<b>Environmental Resource Area</b>	<b>Atlantic City</b>
<b>Air Quality</b>	An initial air conformity analysis indicated that a conformity determination is not needed. An air permit revision may be needed. The Brigantine Wilderness Area, a critical air quality region, is located within 100 miles of the installation. This does not impact operations.
<b>Cultural/ Archeological/ Tribal Resources</b>	No impact
<b>Dredging</b>	No impact
<b>Land Use Constraints/ Sensitive Resource Areas</b>	The installation reported 133 unconstrained acres available for development. A sensitive resource area exists but does not restrict operations. Additional operations may impact this area and restrict 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>	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. 209 acres off-base within the noise contours are zoned by the local community. All 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>	One T&E species and 4 critical habitats exist but don't impact operations. Additional operations may impact T&E species and/or critical habitats.
<b>Waste Management</b>	Modification of the waste program may be necessary.
<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands restrict 0% of the base and 7.4% of the range. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

<b><u>Impacts of Costs</u></b>	
<b>Atlantic City</b>	
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 1285 Estimated CTC (\$K): 2167 DO NOT ENTER IN COBRA

<b>Waste Management</b>	FY07 Waste Program Modification: Scenario \$32K / Cumulative \$100K
<b>Environmental Compliance</b>	FY06 NEPA cost: Scenario \$89K / Cumulative \$281K FY07 Conformity analysis: Scenario \$16K / Cumulative \$50K FY07 Air permit revision: Scenario \$63K / Cumulative \$200K

<b><u>General Environmental Impacts</u></b>	
<b>Environmental Resource Area</b>	<b>New Orleans</b>
<b>Air Quality</b>	The base is located within 100 miles of Breton Wilderness Area, a critical air quality region. This does not restrict operations.
<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>	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. 6,333 acres off-base within the noise contours are zoned by the local community. 690 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 T&E species or critical habitats exist. No impact to T&E species is expected.
<b>Waste Management</b>	No impact
<b>Water Resources</b>	No impact
<b>Wetlands</b>	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.

<b><u>Impacts of Costs</u></b>	
<b>New Orleans</b>	

<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): N/A Estimated CTC (\$K): N/A DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact

<b><u>General Environmental Impacts</u></b>	
<b>Environmental Resource Area</b>	<b>Vandenberg</b>
<b>Air Quality</b>	The base is in a maintenance area for O3. A preliminary conformity analysis indicates that a conformity determination may not be necessary. The SAN RAFAEL WILDERNESS is within 100 miles of the installation but does not restrict operations.
<b>Cultural/ Archeological/ Tribal Resources</b>	Over 2300 sites and resources were identified with high potential for archeological sites. The installation is in formal consultation currently with a Native American tribe. The tribe is local to the installation, and the subject of interest is archeological in nature. The installation has 201 historic properties and a programmatic agreement. Consultation with the SHPO may be required prior to implementing the scenario.
<b>Dredging</b>	Dredging was not identified as a high-interest item for this scenario. No impact.
<b>Land Use Constraints/ Sensitive Resource Areas</b>	7 Sensitive resources areas exist, but do not constrain operations. Additional operations may impact these areas, which may constrain 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.
<b>Marine Mammals/ Marine Resources/ Marine Sanctuaries</b>	8 Endangered/protected marine species exist at the installation, 5 of which restrict seashore operations. However, this scenario is not expected to impact these species.
<b>Noise</b>	No increase in off-base noise is expected
<b>Threatened&amp; Endangered Species/ Critical Habitat</b>	14 T&E species and 1 critical habitat exist. T&E species and critical habitats already restrict operations with a Biological Opinion. Additional operations may impact T&E species and/or critical habitats. In addition, the Biological Opinion will need to be evaluated to ensure the scenario conforms to it. Consultation with the USFWS may be required.

<b>Waste Management</b>	No impact
<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands restrict 3% 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>Vandenberg</b>	
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 135762 Estimated CTC (\$K): 201785 DO NOT ENTER IN COBRA
<b>Waste Management</b>	None
<b>Environmental Compliance</b>	FY06 NEPA cost: Scenario \$29K / Cumulative \$48K FY07 Conformity Determination: Scenario \$30K / Cumulative \$50K

<b><u>General Environmental Impacts</u></b>	
<b>Environmental Resource Area</b>	<b>McChord AFB</b>
<b>Air Quality</b>	A preliminary assessment indicates that a conformity determination may not be necessary. A minor air permit revision may be required. The installation is located within 100 miles of Mt. Rainier National Park Class 1 Wilderness Area, a critical air quality region. This does not restrict military installation operations.
<b>Cultural/ Archeological/ Tribal Resources</b>	The installation has one 408-acre historic district with 39 contributing resources. There are three 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. The base cannot expand ESQD Arcs by $\geq 100$ feet without a waiver, which may lower the safety of the base if operations are added.
<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. 807 acres off-base within the noise contours are zoned by the local community. 3.44 of these acres are residentially zoned. The community has not purchased easements for areas 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>	Modification of hazardous waste program may be needed.
<b>Water Resources</b>	No impact
<b>Wetlands</b>	Wetlands restricted 0.17% 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>McChord AFB</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 19,282 Estimated CTC (\$K): 13,756 DO NOT ENTER IN COBRA
<b>Waste Management</b>	FY07 Hazardous Waste Program: Scenario \$5K / Cumulative \$100K
<b>Environmental Compliance</b>	FY06 NEPA Documentation: Scenario \$13K / Cumulative \$281K FY07 Air Conformity Analysis: Scenario \$3K / Cumulative \$50K FY07 Air Permit Revision: Scenario \$3K / Cumulative \$70K

<b><u>General Environmental Impacts</u></b>	
<b>Environmental Resource Area</b>	<b>Forbes</b>
<b>Air Quality</b>	No impact
<b>Cultural/ Archeological/ Tribal Resources</b>	The installation contains historic property which may impact future development.
<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>	A less than 3 dB general increase in off-base noise is expected. The FAA Part 150 reflects the current mission, local land use, and current noise levels. 165 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.

<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>	No impact
<b>Water Resources</b>	No impact
<b>Wetlands</b>	No impact.

<b><u>Impacts of Costs</u></b>	
	<b>Forbes</b>
<b>Environmental Restoration</b>	DERA money spent through FY03 (\$K): 69.740 Estimated CTC (\$K): N/A DO NOT ENTER IN COBRA
<b>Waste Management</b>	No impact
<b>Environmental Compliance</b>	No impact