

Summary of Scenario Environmental Impacts

DON scenario, DON-0084AR

Action 1: Close base operations at NAS JRB Willow Grove, PA.

Action 2: Relocate VR 64, VR 52, C-12 aircraft, HMH 772, MWSS 472, MAG 49, MALS 49 and AIMD to McGuire AFB NJ, to include required personnel, equipment and support.

Action 3: Relocate Naval Air Reserve to McGuire AFB, NJ to include required personnel, equipment and support.

Action 4: Relocate Reserve Intelligence Area 16 to Fort Dix, NJ, to include required personnel, equipment and support.

Action 5: Disestablish NATNAVMEDCEN Bethesda, MD function BDC Willow Grove DMIS 0347

Action 6: Disestablish NATNAVMEDCEN Bethesda, MD function BDC Willow Grove DMIS 1738

Action 7: Relocate or consolidate all Army activities, as determined by the United States Army BRAC Office, to include required personnel, equipment and support.

Action 8: Relocate or consolidate all Air Force activities, as determined by the United States Air Force BRAC Office, to include required personnel, equipment and support.

Action 9: Relocate HMLA-775 Det. A to McGuire AFB, NJ to include required personnel, equipment and support.

For the purpose of this scenario the following JCSG's and Mildep scenario(s) are applicable: Require coordination for relocation to McGuire AFB, NJ, from Air Force BRAC Office; Need enabling scenario for Air Force activities from Air Force BRAC Office; Need enabling scenario for Army activities from Army BRAC Office.

ASSUMPTIONS: The purpose of this scenario is to close NAS JRB Willow Grove, PA, and relocate squadrons, support, and reserve components, activities and functions to McGuire AFB, NJ. Each action must reflect the transfer of support personnel and equipment as appropriate that results from all actions associated with this scenario. Non-DON assets on NAS JRB Willow Grove, PA will either take ownership of the base or relocate. VP 66 will disestablish. FISC Dets will return to their parent activities. RIA 16 will relocate to Ft. Dix. All remaining support activities at NAS JRB Willow Grove, PA will be closed.

General Environmental Impacts

Environmental Resource Area	Naval Air Station Joint Reserve Base Willow Grove (Installation Closed)	Marine Corps Reserve Center Johnstown, PA HMLA-775 (Activity Realigned)
Air Quality	Installation is in Severe Nonattainment for 1 hour Ozone and in an area projected or proposed to be designated nonattainment for the 8-hour Ozone or the PM2.5 NAAQS. Reduction of function may improve local air quality.	Reduces air quality impact in region.
Cultural/Archeological/ Tribal Resources	No Impact.	No impact.
Dredging	No Impact.	No impact.
Land Use Constraints/Sensitive Resource Areas	Reduces land use associated with lost assets.	No impact.
Marine Mammals/Marine Resources/ Marine Sanctuaries	No Impact.	No impact.
Noise	Reduces noise associated with lost assets.	Reduces noise associated with lost assets
Threatened& Endangered Species/Critical Habitat	No Impact.	No impact.
Waste Management	Reduces waste disposals associated with lost assets.	Reduces waste disposals associated with lost assets.
Water Resources	Reduces water usage associated with lost assets.	Reduces water usage associated with lost assets.
Wetlands	No Impact.	No impact.

Impacts of Costs

Selection Criterion 8 Environmental Points	Naval Air Station Joint Reserve Base Willow Grove (Installation Closed)	Marine Corps Reserve Center Johnstown, PA HMLA-775 (Activity Realigned)
Environmental Restoration	DERA costs \$6.3 M thru FY 03; \$10.3 M CTC	No DERA program for this activity.
Waste Management	None	None
Environmental Compliance	None	None

For Action items 4 and 7, the United States Department of the Army BRAC Office has cognizance but only minimal Criterion 8 environmental impacts are anticipated.

Note: At Johnstown, the Department of the Navy has no maintenance responsibilities for the ramp or runways on Cambria Airport, where Marine Corps Reserve Center Johnstown is located. NEPA revision costs revert to Cambria Airport, all environmental plan revisions revert to Cambria Airport.

General Environmental Impacts

(Data on Air Force Installations provided by Air Force BRAC Office.)

Environmental Resource Area	McGuire AFB	Boise	Martin State	Selfridge ANGB
Air Quality	McGuire AFB and JRB Willow Grove JRB are both in the Metropolitan Philadelphia Interstate Air Quality Control Region. A conformity analysis will be required but the decrease in emissions at JRB Willow Grove should offset increases at McGuire AFB. Significant air permit revision will be	No impact.	Martin State is in moderate non-attainment for 8-hour Ozone. A preliminary conformity analysis indicates that a conformity determination may be required.	Selfridge is in marginal non-attainment for Ozone. A preliminary conformity analysis indicates that conformity analysis will be required. A significant air permit revision may be necessary.

	required.			
Cultural/ Archeological/ Tribal Resources	McGuire contains archeological sites, areas with a high potential for archeological sites, and historic property that may impact the scenario.	May impact two Native American Tribes that have interest in archeological sites.	No impact.	115 historic properties are located on installation. Potential impact. SHPO consultation required.
Dredging	No impact	No impact.	No impact.	No impact.
Land Use Constraints/ Sensitive Resource Areas	No impact	Potential impact. SRA's currently restrict range operations	No impact.	Additional operations may impact SRA. MMRA may pose safety hazard for future development.
Marine Mammals/ Marine Resources/ Marine Sanctuaries	No impact	No impact.	No impact.	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/current noise levels. 4993 acres off-base within the noise contours are zoned by the local community. 23 of these acres are residentially zoned. The community has purchased easements for area surrounding the installation.	Less than a 3dB general increase in contours can be expected. 58 acres off-base within the noise contours are zoned by the local community. Thirteen of these acres are residentially zoned. The community has purchased easements for area surrounding installation.	A less than 3 dB general increase in the off-base noise contributed by the Air Force is expected.	Noise contours will need to be re-evaluated as a result of the change in mission. 686 acres off-base within the noise contours are zoned by the local community. 533 of these acres are residentially zoned.

Threatened& Endangered Species/ Critical Habitat	No impact	No impact.	No impact.	No impact.
Waste Management	Modification of Hazardous Waste Program may be required.	No impact.	No impact.	Modification of hazardous waste program may be required.
Water Resources	The state requires a permit for withdrawal of groundwater. Potable water controls/restrictions were implemented on 337 days from FY99 though FY03.	No impact.	No impact.	No impact.
Wetlands	Wetlands restrict 14% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.	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.	Wetlands restrict 4% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.	Wetlands restrict 15% of the base. Wetlands do not currently restrict operations. Additional operations may impact wetlands, which may restrict operations.

Impacts of Costs

	McGuire AFB	Boise	Martin State	Selfridge
Environmental Restoration	DERA money spent through FY03 (\$K): 33,300 Estimated CTC (\$K): 316,800	DERA money spent thru FY03 (\$K): 1,502. Estimated CTC (\$K): N/A	DERA money spent thru FY03 (\$K): 70 Estimated CTC (\$K): 1262	DERA money spent thru FY03 (\$K): 7890 Estimated CTC (\$K): 36221
Waste Management	Waste program modification \$100K	No impact.	No impact.	No impact.
Environmental Compliance	FY06 NEPA cost: \$776K Significant air permit revision \$200K	FY06 NEPA cost \$281K	FY06 NEPA cost \$281K FY07 Conformity Analysis \$50K	FY06 NEPA cost \$318K FY07 Conformity Analysis \$50K

	Conformity analysis \$50K			FY07 Significant Air Permit Revision \$200K
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General Environmental Impacts

(Data on Army Installation provided by Army TABS Office.)

Environmental Resource Area	Fort Dix
Air Quality	Fort Dix is in Severe Non-Attainment for Ozone (1-hr and 8-hr). Additional operations will likely require a Conformity Analysis and a New Source Review.
Cultural/ Archeological/ Tribal Resources	Potential impacts may occur, since resources must be evaluated on a case-by-case basis, thereby causing increased delays and costs. Other impacts insignificant since only admin. activities taking place - no increase in training load and significant amount of unconstrained land available.
Dredging	No impact
Land Use Constraints/ Sensitive Resource Areas	No impact
Marine Mammals/ Marine Resources/ Marine Sanctuaries	No impact
Noise	No impacts - no additional noise generated by this proposal since admin. mission only and no additional training proposed.
Threatened & Endangered Species/ Critical Habitat	No impact
Waste Management	No impacts. Incoming personnel do not need OB/OD area.
Water Resources	No impacts.
Wetlands	No impacts. No additional training planned.

Impacts of Costs

	Fort Dix
Environmental Restoration	No impacts.
Waste Management	No impacts.
Environmental Compliance	Air Conformity Analysis - \$50K New Source Review - \$100K Programmatic agreement- \$10K

General Environmental Impacts

(Data taken from original IND-0123A/IND-0099A series)

Environmental Resource Area	MCAS Cherry Point (Gaining Installation)
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.

Impacts of Costs

Selection Criterion 8 Environmental Points	MCAS Cherry Point (Gaining Installation)
Environmental Restoration	DERA costs: spent \$67.0M thru FY03; CTC at \$74.9M.
Waste Management	No impact.
Environmental Compliance	No impact.