DEPARTMENT OF THE NAVY
OFFICE OF THE SECRETARY
1000 NAVY PENTAGON
WASHINGTON, DC 20350-1000

30 March 2005

MEMORANDUM FOR CHAIR, TECHNICAL JOINT CROSS SERVICE GROUP

Subj: REQUEST FOR SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (SSEIs)

Ref: (a) Mr. James Geith email of 29 MAR 05 Re: TECH-0005
(b) Mr. James Geith email of 29 MAR 05 Re: TECH-0006

Encl: (1) SSEI for TECH-0005 (Revised)
(2) SSEI for TECH-0006 (Revised)

Per Memorandum, Acting Under Secretary of Defense (Acquisition, Technology & Logistics) and Chairman, Infrastructure Steering Group, dated December 7, 2004, Subject: Transformation Through Base Realignment and Closure (BRAC 2005) Policy Memorandum Four-Selection Criteria 7 and 8 and Policy Memorandum Eight-Selection Criterion 8 dated 4 January 2005, and references (a) and (b), enclosures (1) and (2) are provided. Revisions account for actions recently deleted by the JCSG.

Each document is compiled by our environmental staff based on certified data for the Department of the Navy installations involved in the scenarios. The data continues to be reviewed and refreshed. If we discover changes, which alter our environmental analysis, we will notify you accordingly. If you have any questions or require any additional information, please feel free to contact my point of contact CDR Margy Carlson JAGC, USN at (703) 602-6528.

Anne Rathmell Davis
Special Assistant to the Secretary of the Navy
for Base Realignment and Closure

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Summary of Scenario Environmental Impacts

TECH Scenario: Revised TECH-0005 (DON Installations Only)

Action 1: Consolidate rotary wing Air Platform RDAT&E from NAVAIRWARCENACDIV_LAKEHURST_NJ to COMNAVAIRWARCENACDIV_PATUXTENT_RIVER_MD.

(Actions 2-4 Deleted by the TECH JCSG)

Action 5: Realign rotary wing Air Platform D&A from Wright-Patterson AFB [F03000] and re-locate to COMNAVAIRWARCENACDIV_PATUXENT_RIVER_MD.

(Action 6-8: Deleted by the TECH JCSG)

General Environmental Impacts (Realigned Installations)

Environmental Resource Area	Naval Air Engineering Station Lakehurst, NJ (Installation Realigned)
Air Quality	Installation is severe nonattainment for 1 hour Ozone. No impact.
Cultural/Archeological/Tribal Resources	Historic properties exist. No impact.
Dredging	No Impact.
Land Use Constraints/Sensitive Resource Areas	ESQD Arcs exist. No impact.
Marine Mammals/Marine Resources/ Marine Sanctuaries	No Impact.
Noise	Noise Zones exist on the installation. No impact.
Threatened& Endangered Species/Critical Habitat	TES are present. No impact.
Waste Management	Decrease to waste disposal. No impact.
Water Resources	Decrease in water demand. The installation discharges to an impaired waterway. Contamination has been found in the groundwater and the state regulates withdrawals.
Wetlands	14% restricted wetlands on the installation. No impact.

No substantial environmental issues were reported as a result of this scenario. If more detailed environmental information is required, please provide request.

Impacts of Costs (Realigned Installations)

Selection Criterion 8 Environmental Points	Naval Air Engineering Station Lakehurst, NJ (Installation Realigned)
Environmental Restoration	$48.2M thru FY 03. $55.2M CTC.
Waste Management	None
Environmental Compliance	None.

General Environmental Impacts (Receiving Installation)

Environmental Resource Area	Naval Air Station Patuxent River, MD (Receiving Installation)
Air Quality	Installation is in attainment for all criteria pollutants. No impact.
Cultural/Archeological/Tribal Resources	Archeological and historical sites exist. May impact new MILCON.
Dredging	No impact.
Land Use Constraints/Sensitive Resource Areas	ESQD Arcs exist with one waiver and 1 exemption. None of the arcs can be expanded. The installation has one international treaty (Open Skies Treaty). The installation also has underground storage tanks. The installation has 876.52 unconstrained acres available for development.
Marine Mammals/Marine Resources/ Marine Sanctuaries	Sensitive Resources areas are present on the installation. No impact anticipated.
Noise	Noise Zones exist on the installation. No impact anticipated.
Threatened& Endangered Species/Critical Habitat	TES are present. Potential impact for new MILCON.
Waste Management	Increase to waste disposal.
Water Resources	Increase in water demand. Contamination has been found in the groundwater and the state regulates withdrawals.
Wetlands	5.9% restricted wetlands on the installation, 100% restricted wetlands on the range and 24.5% restricted wetlands on the auxiliary airfield.

NAS Patuxent River reported no substantial environmental issues as a result of this scenario, but the installation is proposing 53K SF of new RDT&E and administrative MILCON, 6300 SY of parking and sidewalks, and 100s of linear feet of various utility installations. A scenario specific environmental data call was not issued to this installation for this scenario. If more detailed environmental information is required, please provide request.

Impacts of Costs (Receiving Installation)

Selection Criterion 8 Environmental Points	Naval Air Station Patuxent River, MD (Receiving Installation)
Environmental Restoration	$40.3M thru FY 03. $62.0M CTC.
Waste Management	None
Environmental Compliance	$50K, NEPA Compliance for Action 5.

Environmental non-MILCON costs were not reported. The installation reported Action 1 environmental mitigation costs are included in the MILCON costs. Facilities associated with this action are cited in developed areas, which require no preconstruction, non-MILCON environmental work. Additionally, the number of personnel relocating will not require environmental support beyond the existing capabilities of the station.

Summary of Scenario Environmental Impacts

TECH Scenario: Revised TECH-0006 (DON Installations Only)

(Action 1-7: Deleted by TECH JCSG)

Action 8: Consolidate fixed wing, non-maritime Air Platform Research at COMNAVAIRWARCENACDIV PATUXENT RIVER MD [N00421] to Wright Patterson AFB [F03000].

Action 9: Consolidate live-fire Air Platform Test and Evaluation at Wright Patterson AFB [46TW-FFTF30] to COMNAVAIRWARCENWPNDIV CHINA LAKE CA [N60530].

ASSUMPTIONS: 1. This scenario proposes to consolidate all fixed wing air platform RDAT&E to two principal sites while retaining several specialty sites. Fixed-wing Development & Acquisition will be performed at Patuxent River and Wright-Patterson AFB. Non-maritime fixed-wing Research will be consolidated at Wright Patterson AFB and maritime fixed wing Research will be consolidated at Patuxent River. Fixed-wing Air Force T&E will be consolidated at Edwards AFB, fixed-wing Navy T&E at Patuxent River, and fixed-wing Live Fire (Navy and Air Force) T&E at China Lake.

General Environmental Impacts (Realigned Installations)

Environmental Resource Area	Naval Air Station Patuxent River, MD (Installation Realigned)
Air Quality	No impact
Cultural/ Archeological/ Tribal Resources	Archeological and historical sites exist. No impact.
Dredging	No impact.
Land Use Constraints/ Sensitive Resource Areas	ESQD Arcs and underground storage tanks exist. No impact.
Marine Mammals/Marine Resources/ Marine Sanctuaries	No impact.
Noise	Noise Zones exist on the installation. No impact.
Threatened& Endangered Species/Critical Habitat	TES are present. No impact.
Waste Management	Decrease to waste disposal.

Water Resources	Decrease in water demand. The installation discharges to an impaired waterway and groundwater contamination has been found
Wetlands	5.9% restricted wetlands on the installation, 100% restricted wetlands on the range and 24.5% restricted wetlands on the auxiliary airfield. No impact.

Impacts of Costs (Realigned Installations)

Selection Criterion 8 Environmental Points	**Naval Air Station Patuxent River, MD** **(Installation Realigned)**
Environmental Restoration	$40.3M thru FY 03. $62.0M CTC.
Waste Management	None
Environmental Compliance	None

General Environmental Impacts (Receiving Installations)

Environmental Resource Area	Naval Air Weapons Station China Lake, CA (Receiving Installation)
Air Quality	Installation is moderate nonattainment for PM10. It holds 336 CAA Major Operating permits. This scenario will not create any problems with respect to NAWS China Lake current or proposed air quality status. Implementation of this scenario will not require the use of emission credits. Existing CAA district and Title V permits at the Weapons Survivability Laboratory complex can accommodate the proposed test pad and the increase in workload, fuel, and energetics consumption without modification. Construction of the test pad will not trigger General Conformity, based on analysis of significantly larger projects that have remained below the de minimis threshold. The Kern County portion of NAWS China Lake is in a maintenance area. However, implementation of this scenario will take place in the San Bernardino County portion of NAWS, which is not in any maintenance areas.
Cultural/Archeological/Tribal Resources	Archeological and historical sites exist. Federally recognized Native American Tribes have asserted an interest in the installation. The proposed increases to Weapons Survivability Lab operations would be accommodated within an established range test area. The new test pad described in the scenario would be built on an existing disturbed area used for the same purpose. As such, no cultural, archaeological, or tribal resource constraints would constrain this action.
Dredging	No Impact.
Land Use Constraints/ Sensitive Resource Areas	ESQD Arcs, international treaties and underground storage tanks exist. No impact.
Marine Mammals/Marine Resources/ Marine Sanctuaries	Marine mammals and sensitive resource areas are present.
Noise	Noise Zones exist on the installation. No impact.
Threatened& Endangered Species/Critical Habitat	TES are present. No impact.
Waste Management	Solid wastes created by the new mission can be fully accommodated under the Station's existing solid waste management capabilities provided under a Base Operating Services Contract. The installation has a permitted hazardous waste RCRA TSD facility and a final RCRA Subpart X permit.
Water Resources	Increase in water demand. The new mission will not be constrained by requirements for additional water. The Station's current water production and wastewater treatment capabilities can fully accommodate the new mission. Contamination has been found in the groundwater on the installation. The new mission will be fully accommodated at an established test area and will not be restricted by existing or potential contamination issues.
Wetlands	1% restricted wetlands on the auxiliary field. No impact.

Impacts of Costs (Receiving Installations)

Selection Criterion 8 Environmental Points	**Naval Air Weapons Station China Lake, CA (Receiving Installation)**
Environmental Restoration	$88.7M thru FY 03. $71.8M CTC.
Waste Management	Additional Hazardous waste Disposal costs of $140K
Environmental Compliance	None