



DEPARTMENT OF THE NAVY

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

DCN 8609

03 MAY 05

MEMORANDUM FOR CHAIR, TECHNICAL JOINT CROSS SERVICE GROUP

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

Encl: (1) SSEI for TECH-0040C  
(2) SSEI for TECH-0040D  
(3) SSEI for TECH-0018 Part IV  
(4) SSEI for TECH-0042Arv2

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, enclosures (1) through (4) are provided. Advance copies have already been forwarded via email

Each document is compiled by our environmental staff based on certified data for the Department of the Navy installations involved in the scenarios. 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.

A handwritten signature in black ink, appearing to read "Anne Rathmell Davis".

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

## Summary of Scenario Environmental Impacts

### TECH Scenario: TECH-0040C (DON installations only)

Action 1: Co-locate Defense Advanced Research Program Agency (DARPA) at NATNAVMEDCEN BETHESDA MD.

## General Environmental Impacts

<b>Environmental Resource Area</b>	<b>National Naval Medical Center Bethesda, MD (Installation Gaining Function)</b>
Air Quality	Installation in Moderate Nonattainment for Ozone (1hr and 8hr). Air Conformity determination possible.
Cultural/Archeological/ Tribal Resources	Historic property has been identified. No impact.
Dredging	No impact.
Land Use Constraints/Sensitive Resource Areas	71 acres are available for development. No impact.
Marine Mammals/Marine Resources/ Marine Sanctuaries	No impact.
Noise	No impact.
Threatened& Endangered Species/Critical Habitat	No impact.
Waste Management	Increase to waste disposal. NNMC has a permitted hazardous waste RCRA Treatment Storage and Disposal (TSD) facility. No impact.
Water Resources	Increase to water production. NNMC discharges to an impaired waterway. No impact.
Wetlands	No impact.

## Impacts of Costs

<b>Selection Criterion 8 Environmental Points</b>	<b>National Naval Medical Center Bethesda, MD (Receiving Asset)</b>
Environmental Restoration	DERA costs spent \$2.8M thru FY03; Has \$ 2.5 M remaining CTC.
Waste Management	None
Environmental Compliance	\$500K NEPA EIS

## Summary of Scenario Environmental Impacts

### TECH Scenario: TECH-0040D (DON installations only)

Action 1: Co-locate Extramural Research Program Managers at NATNAVMEDCEN BETHESDA MD (Consulted data from TECH-0010).

## General Environmental Impacts

<b>Environmental Resource Area</b>	<b>CNR Arlington, VA (Installation Realigned)</b>	<b>National Naval Medical Center Bethesda, MD (Installation Gaining Function)</b>
Air Quality	No impact.	Installation in Moderate Nonattainment for Ozone (1hr and 8hr). Air Conformity determination possible.
Cultural/Archeological/ Tribal Resources	No impact.	Historic property has been identified. No impact.
Dredging	No impact.	No impact.
Land Use Constraints/Sensitive Resource Areas	No impact.	71 acres are available for development. No impact.
Marine Mammals/Marine Resources/ Marine Sanctuaries	No impact	No impact.
Noise	No impact.	No impact.
Threatened& Endangered Species/Critical Habitat	No impact.	No impact.
Waste Management	Reduces waste disposals associated with the lost assets.	Increase to waste disposal. NNMC has a permitted hazardous waste RCRA Treatment Storage and Disposal (TSD) facility. No impact.
Water Resources	Reduces water usage associated with the lost assets.	Increase to water production. NNMC discharges to an impaired waterway. No impact.
Wetlands	No impact.	No impact.

## Impacts of Costs

<b>Selection Criterion 8 Environmental Points</b>	<b>CNR Arlington, VA (Installation Realigned)</b>	<b>National Naval Medical Center Bethesda, MD (Receiving Asset)</b>
Environmental Restoration	None	DERA costs spent \$2.8M thru FY03; Has \$ 2.5 M remaining CTC.
Waste Management	None	None
Environmental Compliance	None	\$500K NEPA EIS

## **Summary of Scenario Environmental Impacts**

### **TECH Scenario: TECH-0018 Part IV (DON Installations only)**

1. Realign W&A RDAT&E (except gun/ammo and energetic materials) at Naval Surface Warfare Center, Crane, IN and relocate to Naval Air Weapons Station China Lake
2. (Action deleted by TECH JCSG)
3. (Action deleted by TECH JCSG)
4. Realign W&A RDAT&E (except gun/ammo, underwater weapons and energetic materials) at Naval Surface Warfare Center, Indian Head, MD and relocate to Naval Air Weapons Station China Lake.
5. (Action deleted by TECH JCSG)
6. (Action deleted by TECH JCSG)
7. Realign W&A RDAT&E at Point Mugu and relocate to Naval Air Weapons Station China Lake.
8. Realign W&A RDAT&E (except underwater weapons and energetic materials) at Seal Beach and relocate to Naval Air Weapons Station China Lake.
9. Realign W&A RDAT&E at COMNAVAIRWARCENDIV PAX and relocate to Naval Air Weapons Station China Lake.
10. Realign W&A RDAT&E at Naval Surface Warfare Center, Yorktown and relocate to Naval Surface Warfare Center, Indian Head, MD.
11. (Action deleted by TECH JCSG)
12. (Action deleted by TECH JCSG)
13. Realign W&A DAT&E (except weapon system integration) at Port Hueneme and relocate to Naval Air Weapons Station China Lake.  
5/3/2005

14. Realign W&A RDAT&E (except guns/ammo and weapons systems integration) at Naval Surface Warfare Center Dahlgren and relocate to Naval Air Weapons Station China Lake.
15. Realign W&A RDAT&E at Port Hueneme Detachment, San Diego and relocate to Naval Surface Warfare Center Dahlgren.
16. (Action deleted by TECH JCSG)
17. (Action deleted by TECH JCSG)

**General Environmental Impacts**  
**(Realigned Installations)**

**(DON Installations only)**

<b>Environmental Resource Area</b>	<b>Naval Surface Warfare Center, Crane, IN  (Installation Realigned)</b>	<b>Naval Weapons Station Seal Beach, Fallbrook, Det.  (Installation Realigned)</b>	<b>Naval Surface Warfare Center, Indian Head, MD  (Installation Realigned)</b>	<b>Naval Air Station Patuxent River, MD  (Installation Realigned)</b>	<b>Naval Surface Warfare Center Dahlgren, VA  (Installation Realigned)</b>	<b>Naval Base Ventura County (Point Mugu and Port Hueneme)  (Installation Realigned)</b>	<b>Naval Weapons Station Seal Beach  (Installation Realigned)</b>	<b>Naval Weapons Station Yorktown, VA  (Installation Realigned)</b>
Air Quality	No impact.	No impact.	No impact.	No impact.	No impact.	No impact.	No impact.	No impact.
Cultural/ Archeological/ Tribal Resources	No impact.	No impact.	No impact.	No impact.	Archeological and historical sites exist which which may impact current construction and operations.	No impact.	No impact.	No impact.
Dredging	No impact.	No impact.	No impact.	No impact.	No impact.	No impact.	No impact.	No impact.
Land Use Constraints/ Sensitive Resource Areas	No impact.	No impact.	No impact.	No impact.	No impact.	No impact.	No impact.	No impact.
Marine Mammals/ Resources/	No impact.	No impact.	No impact.	No impact.	No impact.	No impact.	No impact.	No impact.

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Sanctuaries								
Noise	No impact.	No impact.	No impact.	No impact.				
Threatened & Endangered Species/ Critical Habitat	No impact.	No impact.	TES are present.	No impact.	TES are present.	No impact.	No impact.	No impact.
Waste Management	Reduces hazardous waste and waste disposal associated with lost assets.	Reduces hazardous waste and waste disposal associated with lost assets.	Reduces hazardous waste and waste disposal associated with lost assets.	Reduces hazardous waste and waste disposal associated with lost assets.	Reduces hazardous waste and waste disposal associated with lost assets.	Reduces hazardous waste and waste disposal associated with lost assets.	Reduces hazardous waste and waste disposal associated with lost assets.	Reduces hazardous waste and waste disposal associated with lost assets.
Water Resources	Decrease in water demand.	Decrease in water demand.	Decrease in water demand.	Decrease in water demand.				
Wetlands	9% wetland restricted acres on the military installation.	6.3% wetland restricted acres on the military installation.	9% wetland restricted acres on the military installation.	24.5% wetlands within its auxiliary airfields. No impact.	16% wetland restricted acres on the installation and 12% wetland restricted acres on the military range.	Mugu: 46% wetland restricted acres on the military installation. No restricted wetland acres on Hueneme. No impact overall.	18% wetland restricted acres on the military installation. No impact.	8% wetland restricted acres on its auxiliary airfields.

**Impacts of Costs**  
**(Realigned Installations)**

**(DON Installations only)**

<b>Selection Criterion 8 Environmental Points</b>	<b>Naval Surface Warfare Center, Crane, IN  (Installation Realigned)</b>	<b>Naval Weapons Station Seal Beach Fallbrook, Det.  (Installation Realigned)</b>	<b>Naval Surface Warfare Center, Indian Head, MD  (Installation Realigned)</b>	<b>Naval Air Station Patuxent River, MD  (Installation Realigned)</b>	<b>Naval Surface Warfare Center Dahlgren, VA  (Installation Realigned)</b>	<b>Naval Base Ventura County (Point Mugu and Port Hueneme) (Installation Realigned)</b>	<b>Naval Weapons Station Seal Beach  (Installation Realigned)</b>	<b>Naval Weapons Station Yorktown, VA  (Installation Realigned)</b>
Environmental Restoration	DERA costs \$48.8 M thru FY03; \$18.3 M CTC	DERA costs \$.5 M thru FY03; \$19.1 M CTC	DERA costs \$22.9 M thru FY03; \$62.6 M CTC	DERA costs \$40.3 M thru FY03; \$62 M CTC	DERA costs \$48.8 M thru FY03; \$18.3 M CTC	DERA costs <b>Mugu:</b> \$32.2 M thru FY03; \$48 M CTC <b>Hueneme:</b> \$40.7 M thru FY03; \$13.4 M CTC	DERA costs \$57.9 M thru FY03; \$40.3 M CTC	DERA costs \$45 M thru FY03; \$41 M CTC
Waste Management	None	None	None	None	None	None	None	Hazardous Waste Inventory and Disposal \$133.5K
Environmental Compliance	None	None	None	None	None	None	None	Fuel Tank Closure \$75K Equipment Decon \$453K

**General Environmental Impacts**

**(Realigned Installations)**

**(DON Installations only)**

<b>Environmental Resource Area</b>	<p align="center"><b>Fleet Combat Training Center Pacific, CA (W&amp;A RDAT&amp;E at Port Heneenme Detachment, San Diego, CA)</b></p> <p align="center"><b>(Installation Realigned)</b></p>
Air Quality	No impact.
Cultural/ Archeological/ Tribal Resources	No impact.
Dredging	No impact.
Land Use Constraints/ Sensitive Resource Areas	No impact.
Marine Mammals/ Resources/ Sanctuaries	No impact.
Noise	No impact.
Threatened & Endangered Species/ Critical Habitat	No impact.
Waste Management	Reduces hazardous waste and waste disposal associated with lost assets.
Water Resources	Decrease in water demand.
Wetlands	No impact.

**Impacts of Costs**  
**(Realigned Installations)**

**(DON Installations only)**

<b>Selection Criterion 8 Environmental Points</b>	<b>Fleet Combat Training Center Pacific, CA (W&amp;A RDAT&amp;E at Port Hueneme Detachment, San Diego, CA)</b>  <b>(Installation Realigned)</b>
Environmental Restoration	DERA costs \$418K thru FY03; \$1.4 M CTC
Waste Management	None
Environmental Compliance	None

**General Environmental Impacts**  
**(Receiving Installations)**

**(DON Installations only)**

<b>Environmental Resource Area</b>	<b>Naval Surface Warfare Center, Indian Head, MD (Receiving Installation)</b>	<b>Naval Surface Warfare Center Dahlgren, VA (Receiving Installation)</b>	<b>Naval Air Weapons Station China Lake, CA (Receiving Installation)</b>
Air Quality	Installation is in Severe Non attainment for all Criteria Pollutants. It did report holding an CAA Operating Permit. Emission Credit Programs are available.	No impact.	Installation is not in Attainment for all Criteria Pollutants. It is in Moderate Nonattainment for PM10. It holds 336 CAA Major Operating Permits.

Cultural/ Archeological/ Tribal Resources	Archeological and historical sites have been identified which do not restrict current construction and operations. The installation has potential archeological restrictions to future construction. No impact.	Archeological and historical sites exist which which may impact current construction and operations.	Archeological and historical sites exist. Federally recognized Tribes have asserted an interest in the installation. No impact.
Dredging	No impact.	No impact.	No impact.
Land Use Constraints/Sensitive Resource Areas	Installation has ESQD Arcs, some with safety waivers and some arcs have the capability of being expanded.	No impact.	ESQD Arcs, international treaties and underground storage tanks exist
Marine Mammals/Marine Resources/ Marine Sanctuaries	No Impact.	No impact.	Installation is impacted by laws and regulations pertaining to Marine Mammal Protection Act; Essential Fish Habitats; Fisheries and Marine Sanctuaries, which may restrict navigation and operations.
Noise	No Impact.	No impact.	No impact.
Threatened& Endangered Species/Critical Habitat	TES are present.	TES are present.	TES are present.
Waste Management	Installation has a permitted RCRA Treatment Storage and Disposal Facility (TSDF) and an interim or final RCRA Part X facility.	Installation has a permitted RCRA Treatment Storage and Disposal Facility (TSDF) and has an interim or final RCRA Part X facility that does not accept off-site waste. No impact.	Installation has a permitted RCRA Treatment Storage and Disposal Facility (TSDF) and has an interim or final RCRA Part X facility that does not accept off-site waste. No impact.
Water Resources	The installation discharges to an impaired waterway.	The installation discharges to an impaired waterway. Surface and groundwater contamination has been found. State regulates	The installation discharges to an impaired waterway and groundwater contamination has been found

		groundwater withdrawal.	
Wetlands	9% wetland restricted acres on the military installation.	16% wetland restricted acres on the installation and 12% wetland restricted acres on the military range.	1% restricted wetlands on the auxiliary field.

**Impacts of Costs**  
**(Receiving Installations)**

**(DON Installations only)**

<b>Selection Criterion 8 Environmental Points</b>	<b>Naval Surface Warfare Center, Indian Head, MD (Receiving Installation)</b>	<b>Naval Surface Warfare Center Dahlgren, VA (Receiving Installation)</b>	<b>Naval Air Weapons Station China Lake, CA (Receiving Installation)</b>
Environmental Restoration	DERA costs \$22.9 M thru FY03; \$62.6 M CTC	DERA costs \$48.8 M thru FY03; \$18.3 M CTC	DERA costs \$87.9 M thru FY03; \$68M CTC
Waste Management	None	None	Solid Waste Mgt. \$34.8 K, Hazardous Waste Mgt. \$9K
Environmental Compliance	RCRA Part B Permit \$10K, IWWD Permit \$20K, NEPA Review \$150K, Air Permit \$15K	NEPA Documentation \$75K; Wetland Delineation \$30K; Wetland Mitigation \$200K	Air Permits \$4.4K, Air Quality Permit Modification \$1K NEPA documentation \$60K

## **Summary of Scenario Environmental Impacts**

### **TECH Scenario: TECH-0042 Part IX (TECH-0008I data) (DON Installations only)**

1. (Action deleted by TECH JCSG)
2. Consolidate Maritime (subsurface) Sensors, Electronic Warfare and Electronics RDAT&E functions at Space & Naval Warfare Systems San Diego CA with Naval Undersea Warfare Center Newport, RI.
3. Consolidate Maritime (subsurface) Sensors, Electronic Warfare and Electronics RDAT&E functions at Space & Naval Warfare Systems Charleston SC with Naval Undersea Warfare Center Newport, RI.
4. Action deleted by Technical JCSG.
5. Consolidate Maritime (subsurface) Sensors, Electronic Warfare and Electronics RDAT&E functions at Naval Air Warfare Center Aircraft Division Patuxent River MD with Naval Undersea Warfare Center Newport, RI.

### **General Environmental Impacts (Realigned Installations)** (DON Installations only)

<b>Environmental Resource Area</b>	<b>Naval Submarine Base Point Loma San Diego, CA (Installation Realigned)</b>	<b>Naval Weapons Station Charleston, SC (Installation Realigned)</b>	<b>Naval Air Station Patuxent River, MD (Installation Realigned)</b>
Air Quality	No impact.	No impact.	No impact.
Cultural/Archeological/Tribal Resources	No impact.	No impact.	No impact.
Dredging	No impact.	No impact.	No impact.
Land Use Constraints/Sensitive Resource Areas	No impact.	No impact.	No impact.
Marine Mammals/ Marine Resources/ Marine Sanctuaries	No impact.	No impact.	No impact.
Noise	No impact.	No impact.	No impact.
Threatened & Endangered Species/ Critical Habitat	No impact.	No impact.	No impact.
Waste Management	Decrease to waste disposal.	Decrease to waste disposal.	Decrease to waste disposal.
Water Resources	Decrease in water demand.	Decrease in water demand.	Decrease in water demand.

Wetlands	No wetland restricted acres on the military installation.	10% wetland restricted acres on the military installation. No impact.	24.5% wetlands within its auxiliary airfields. No impact.
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**Impacts of Costs (Realigned Installations)**  
(DON Installations only)

<b>Selection Criterion 8 Environmental Points</b>	<b>Naval Submarine Base Point Loma San Diego, CA (Installation Realigned)</b>	<b>Naval Weapons Station Charleston SC (Installation Realigned)</b>	<b>Naval Air Station Patuxent River, MD (Installation Realigned)</b>
Environmental Restoration	DERA costs \$24.9M thru FY03; \$53.4M CTC	DERA costs \$22.5 M thru FY03; \$33 M CTC	DERA costs \$40.3 M thru FY03; \$62 M CTC
Waste Management	None	None	None
Environmental Compliance	None	None	None

**General Environmental Impacts (Receiving Installations)**  
**(DON Installations only)**

<b>Environmental Resource Area</b>	<b>Naval Undersea Warfare Center Newport, RI (Receiving Installation)</b>
Air Quality	Installation is in Serious Nonattainment for Ozone (1 hr). NUWC NEWPORT DIV NEWPORT, RI is proposed to be in Serious Nonattainment for Ozone (8 hour). It holds 2 CAA Minor Operating Permits. No emission credit program available. No SIP growth allowance has been allocated for this installation. NUWC NEWPORT DIV NEWPORT, RI is in an area projected or proposed to be designated nonattainment for the 8-hour Ozone or the PM2.5 NAAQS.
Cultural/Archeological/ Tribal Resources	Historic property has been identified on NUWC NEWPORT DIV NEWPORT, RI. There is no programmatic agreement for historic property in place with the SHPO. It does not have sites with high archeological potential identified.
Dredging	No impact.
Land Use Constraints/Sensitive Resource Areas	Installation reports that 115 unconstrained acres are available for development out of 323 total acres.
Marine Mammals/Marine Resources/Marine Sanctuaries	NUWC NEWPORT DIV NEWPORT, RI is impacted by laws and regulations pertaining to Marine Mammal Protection Act, Essential Fish Habitats & Fisheries and Marine Sanctuaries, which may adversely restrict navigation and operations. Potential impact.
Noise	No impact.
Threatened & Endangered Species/Critical Habitat	TES present and have delayed or diverted testing. Potential impact.
Waste Management	Installation does not have a permitted RCRA Treatment Storage and Disposal Facility (TSDF) or an interim or final RCRA Part X facility.
Water Resources	Installation discharges to an impaired waterway, groundwater and surface water contamination are reported. Potential impact.
Wetlands	No impact.

**Impacts of Costs (Receiving Installations)**  
**(DON Installations only)**

<b>Selection Criterion 8 Environmental Points</b>	<b>Naval Undersea Warfare Center Newport, RI (Receiving Installation)</b>
Environmental Restoration	DERA costs \$0 M thru FY03; \$0 M CTC
Waste Management	None
Environmental Compliance	Environmental Assessment for Facility Rehabilitation \$100K