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062 820 05

14 June 2005

The Honorable Anthony Principi
Chairman
2005 Defense Base Closure and Realignment Commission
2521 S. Clark Street, Suite 600
Arlington, VA 22202

Dear Chairman Principi:

Attached please find a letter we recently received from Congressman Christopher H. Smith. The letter forwards a proposal by one of his constituents proposing an alternative outcome to a Secretary of Defense recommendation to Create an Integrated Weapons and Armaments Specialty Site for Guns and Ammunition which recommendation includes, in part, relocating the Naval Packaging, Handling, Storage and Transportation Center from Naval Weapons Station Earle, NJ to Picatinny Arsenal in Dover, NJ. I am forwarding the letter to you as a matter under your purview.

For your information, I am also including a copy of my response to Representative Smith. Please contact me at 703-602-6500 if I may be of further assistance.

Sincerely,

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

Attachments: As stated



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

14 June 2005

The Honorable Christopher H. Smith
2373 Rayburn House Office Building
United States House of Representatives
Washington, DC 20515

Dear Congressman Smith:

Thank you for your letter to the Assistant Secretary of Defense for Legislative Affairs of June 3, 2005, regarding the concerns of your constituent, Mr. Michael T. Kraynick, an employee at the Naval Packaging, Handling, Storage and Transportation (PHST) Center, Naval Weapons Station Earle, NJ. I am responding on behalf of Secretary Stanley.

Mr. Kraynick proposes alternative outcomes to the current recommendation of the Secretary of Defense to realign the PHST function to the Army's Picatinny Arsenal in Dover, NJ. The recommended realignment of the PHST function is part of a larger recommendation to Create an Integrated Weapons and Armaments Specialty Site for Guns and Ammunition. This recommendation is an integrated package that realigns various elements of the Guns and Ammunition Research, Development and Acquisition (RD&A) process from seven different Department of the Navy installations across the country to the Picatinny Arsenal. This realignment will result in a more robust joint center for gun and ammunition RD&A at the location that already has the greatest concentration of military value in this function. Movement of all the Services' guns and ammunition work to Picatinny Arsenal will create a joint center of excellence and provide synergy in armament development for the near future and beyond, featuring a Joint Packaging, Handling, Shipping and Transportation (PHS&T) Center, particularly important in this current time of high demand for guns and ammunition by all the services. Technical facilities with lower quantitative military value are relocated to Picatinny Arsenal.

Clearly, Mr. Kraynick has given this matter a great deal of thought and effort. However, since his inquiry proposes an alternative outcome to the Secretary of Defense's recommendation, it is a matter for the consideration of the Defense Base Closure and Realignment Commission (Commission). The Commission is tasked with conducting an independent review of the Secretary's recommendations and is empowered to make changes to those recommendations. Further, the Commission has established rules and procedures for the receipt and review of public comment in writing and at public hearings. These procedures may be viewed at the Commission's internet web site www.brac.gov. The site includes an electronic contact link.

I am forwarding a copy of your letter along with Mr. Kraynick's recommendation to the Commission. Please contact me at 703-602-6500 if I may be of further assistance.

Sincerely,



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

Copy to:
Representative Smith Constituent Service Center
(Attn: Valerie Grabosky)

CHRISTOPHER H. SMITH
4TH DISTRICT, NEW JERSEY

CONSTITUENT SERVICE CENTERS

1540 Kuser Road, Suite A9
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Congress of the United States
House of Representatives

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**AFRICA, GLOBAL HUMAN RIGHTS
AND INTERNATIONAL
OPERATIONS SUBCOMMITTEE**
CHAIRMAN

**COMMISSION ON SECURITY AND
COOPERATION IN EUROPE**
CHAIRMAN

Office of Congressman Christopher H. Smith
108 Lacey Road, Suite 38A
Whiting, New Jersey 08759

Fax Telephone Number:(732) 350-6260
Telephone Number:(732) 350-2300

Date: June 3, 2005
To: Capt. Dale Lumme
Fax #: 703-693-6341
Phone #: 703-695-5195
From: Carol Weil
Re: Michael T. Kraynick

Comments:

Page Count 14

Including this Page

Facsimile Transmittal

CHRISTOPHER H. SMITH
9TH DISTRICT, NEW JERSEY



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Congress of the United States

House of Representatives

June 3, 2005

COMMITTEES.

INTERNATIONAL RELATIONS

VICE CHAIRMAN

**AFRICA, GLOBAL HUMAN RIGHTS
AND INTERNATIONAL
OPERATIONS SUBCOMMITTEE**

CHAIRMAN

**COMMISSION ON SECURITY AND
COOPERATION IN EUROPE**

CHAIRMAN

The Honorable Dan Stanley
Acting Secretary of Defense for Legislative Affairs
U. S. Department of Defense
1300 Defense Pentagon
Washington, DC 20301-1300

Dear Mr. Stanley:

I am attaching a privacy authorization signed by my constituent Michael T. Kraynick, Social Security # [REDACTED] who is employed at the Naval Packaging, Handling, Storage & Transportation (PHST) Center at Naval Weapons Station Earle located in Colts Neck, New Jersey. Mr. Kraynick does not agree with the initial 2005 BRAC Commission's recommendation to relocate this department to the United States Army Command at Picatinny Arsenal in Dover, New Jersey.

Mr. Kraynick has attached a "White Paper" which details the initial BRAC 2005 recommendation, provides a background of his organization, documents the current facilities status, addresses two potential alternatives to the current BRAC recommendation, and concludes with the negative impact of relocating the Navy PHST Center to Weapons Station Earle and the local community. In addition, Mr. Kraynick has included endorsements from 25 of the 74 employees who are in my district.

I would appreciate your checking into this matter and advising me of your findings. Please respond to my Ocean/Monmouth Constituent Service Center, 108 Lacey Road, Suite 38A, Whiting, New Jersey 08759, attention Valerie Grabosky.

Thank you for your assistance and kind attention to this matter. I look forward to hearing from you in a timely manner.

Sincerely,

CHRISTOPHER H. SMITH
Member of Congress

CHS:cw

Attachments

cc: Capt. Earl Gay, Director
House Liaison Office
Department of the Navy
B-324 Rayburn House Office Building
Washington, DC 20515-0001

CHRISTOPHER H. SMITH
4th DISTRICT, NEW JERSEY

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JUN 02 2005

Congress of the United States
House of Representatives

COMMITTEES

INTERNATIONAL RELATIONS
VICE CHAIRMAN

AFRICA, GLOBAL HUMAN RIGHTS
AND INTERNATIONAL
OPERATIONS SUBCOMMITTEE
CHAIRMAN

COMMISSION ON SECURITY AND
COOPERATION IN EUROPE
CHAIRMAN

WRITTEN AUTHORIZATION UNDER THE PROVISIONS
OF THE PRIVACY ACT OF 1974

Date: 6/1/05

Dear Congressman Smith:

I would like to request your assistance with the following problem I am having with the agency listed below

In keeping with the restrictions of the Privacy Act of 1974, I am authorizing you and/or your staff to request information on me which would be required in your investigation of the matter outlined below

AGENCY NAME: DoD (BRAC Commission)

Please PRINT or TYPE a detailed description of your problem. You may use additional paper if necessary.

Please see attached opening letter.

PLEASE PRINT OR TYPE:

Name MICHAEL T. KRAYNICK

Address [REDACTED]

City BRICK Zip 08723

Home Phone (732) [REDACTED] Work Phone (732) [REDACTED]

Social Security # [REDACTED] Other ID# _____

Signature Michael T. Kraynick (VG)

June 1, 2005

Dear Congressman Christopher Smith,

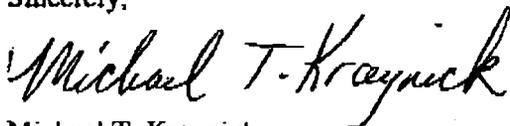
On behalf of my fellow co-workers and myself, who are employed at the Naval Packaging, Handling, Storage & Transportation (PHST) Center located at Naval Weapons Station Earle (Colts Neck), I have a grievance against the initial 2005 BRAC Commission's recommendation to relocate our department to the U.S. Army Command at Picatinny Arsenal (Dover).

Please find enclosed a "White Paper" describing the alternatives to realigning us by relocating the Weapon and Armament Packaging to Picatinny Arsenal. It details the initial BRAC 2005 recommendation, provides a background describing our organization, documents our current facilities status, addresses two potential alternatives to the current BRAC recommendation, and finally, concludes with negative impact our departure would represent to Weapons Station Earle and to the local community.

On May 19, 2005, I had faxed to your office my letter dated May 18, 2005 that initially called to your attention this matter. It also contained endorsements from 25 of our 74 employees from your 4th District who are impacted by this BRAC recommendation.

It is requested you review all of this information and deeply consider supporting our justification for this relocation not being beneficial to the DOD and to our local area. As always, I am very grateful for your time on this matter and for your efforts in Legislature in fighting for us.

Sincerely,



Michael T. Kraynick

White Paper

Alternatives to "Realign Naval Surface Warfare Center Division Earle, by relocating Weapon and Armament Packaging to Picatinny Arsenal"

BRAC 2005 recommendation:

Realign Naval Surface Warfare Center Division Earle, NJ, (The Naval PHST Center), by relocating weapon and armament Research and Development & Acquisition to Picatinny Arsenal, NJ to create a Joint Packaging Handling, Shipping (note should be "Storage") and Transportation (PHS&T) Center, particularly important in this current time of high demand for guns and ammunition services.

Background on the Navy's PHST Center

The Navy's Packaging, Handling, Storage and Transportation Center has been in existence for over 50 years. The Naval PHST Center is the only DoD activity that houses all four ordnance PHST Elements under one roof. The Navy recognized it was important to have an organization (The Naval PHST Center) that had the ability to look across all Navy Ordnance Programs (Ammo, Missiles, Torpedoes, etc) to ensure the fleet's unique ordnance PHST requirements and federally mandated explosives safety standards were ensured. As such, the Naval PHST Center became the Navy's Warranted Technical Authority for ordnance PHST.

The Naval PHST Center recognized long ago the importance of working jointly with the Army and Air Force. We were instrumental in forming the Joint Inter-modal Logistic Working Group (JILWG), which includes members from all of the services. The Naval PHST Center has been instrumental in pushing forward the Joint Modular Intermodal Container (JMIC), working closely with Army and Air Force PHST experts. The Naval PHST Center is the lead activity working with Army (DAC McAlester), and Marine and Air Force representatives creating a DoD standard for the design requirements for truckloads, railcar loads, Intermodal Container Loads and Unit Loads for ammunition. The Naval PHST Center is spearheading the Navy's Joint PHST initiatives to support Joint Operations, Sea Basing, the Future Navy Ships (increase automation resulting in crew reduction), and blast mitigating materials/insensitive munitions.

In addition, the Naval PHST Center provides the Navy:

- Design and logistic support for ordnance packaging and OHE
- Requirements for New Ship Designs, initial ship outfitting/allowancing of OHE
- Representation on the Weapons System Safety Explosives Review Board (WSESRB). This board reviews all weapon programs before they are allowed aboard Navy ships.
- Approval authority for ordnance containers, load plans and OHE per NAVSEA Technical Manuals OP 4 and OP 5 "Ammunition and Explosives Safety Afloat and Ashore."
- Technical ownership of MIL-STD-648, "Design Criteria for Specialized Shipping Containers" and MIL-STD-1365, "Design Criteria for OHE". Both documents are joint service regulations.
- Ordnance Transportation packaging authority including the issue of Certificates of Equivalence (COE) for DOT.
- In-Service Engineering Agent for Navy forklifts and Material Handling Equipment.
- Inspectors for the Explosives Safety Inspection (ESI) Teams and INSURV Teams
- Technical Manual Management Activity (TMMA) for the Navy's Explosives Safety Manuals
- End-to-End Ordnance Study
- Participation on the Fleet's Atlantic Ordnance Command Lean Team.

Facilities Status, Naval PHST Center

The Center is currently a tenant activity physically located within Naval Weapons Station (NWS) Earle. BRAC 2005 has left NWS Earle unaffected, with the exception of the PHST Center realignment. As such, the existing facility will become surplus if the Center is physically relocated

to Picatinny Arsenal. The building was designed and fabricated in 1988 purposely to support all Naval PHST elements. It possesses a complete state-of-the-art Test & Evaluation area for the qualification of weapon containers, Ordnance Handling Equipment and Maternal Handling Equipment regardless of military service. Additionally, the building has been converted to a fully networked Navy Marine Corps Intranet (NMCI) facility.

The location of the Naval PHST Center on an active Weapons Station has been instrumental to the success of the PHST Center's mission. Access to all transportation modes is critical to designing and evaluating proper packaging and OHE. This location allows us immediate access to:

- Naval ships at Earle pier. The Army is providing MILCON funds to upgrade the pier and add a gantry crane to load ISO containers onto commercial ships.
- Ordnance Magazines used to store Navy, Army and Marine Corp ammunition.
- A land-based Connected Replenishment (CONREP) training facility which simulates at sea "ship to ship" transfer operations. The Naval PHST Center designs the OHE used for CONREP.
- A land-based simulated ship's magazine and an OHE training facility.
- Explosives Rail Car and Truck loading/unloading operations.
- A weld and machine shop that is used for prototypes and small production runs.
- Close access to the new Tri-Service Base NAES Lakehurst/Ft. Dix/McGuire AFB.

This real life environment is invaluable to the engineer when creating requirements for packaging and ordnance handling equipment.

Alternatives to the current BRAC recommendation:

The recommendation to have a Joint Packaging, Handling, Storage and Transportation Center is valid. The location of this new Joint Center and the lack of Air Force participation need to be reevaluated. Suggest the commission consider the following options.

Option #1

Continue with the alignment of the Naval PHST Center with Picatinny but leave the Naval PHST Center at its current location. Rationale:

- MILCON/PCS Costs for DoD are saved since the facility that houses the Naval PHST Center is in existence and adequate for their mission. The building has more than enough space to accommodate additional Army and Air Force packaging specialists if desired. (Note that there are currently 72 people working at the Navy PHST Center, while there are approximately 45 Army packaging personnel working at Picatinny in an old building.)
- Future initiatives envision that Naval Weapon Station Earle will migrate toward a joint base status handling Army ordnance. It is in DoD's best interest to realign Picatinny's smaller packaging organization with the PHST Center. Relocation of Picatinny's personnel to NWS Earle will create a situation where Army engineers will have immediate and direct access to Fleet ordnance handling operations on a daily basis. This would enhance their knowledge of Naval handling evolutions, resulting in better trained Army designers and planners. Additionally, office space vacated at Picatinny would be reallocated to other activities that are to be relocated to Picatinny, thereby reducing the amount of MILCON funding necessary to meet all of the other BRAC initiatives targeted for Picatinny.
- Location at the premier Weapons Station on the East Coast (benefits discussed above). In addition, NWS Earle is in close proximity to the new Tri-Service Base, which gives engineers access to Army/Air Force deployments.
- A paper realignment of one organization reporting to the other will provide the same synergies that joint Picatinny - Naval PHST Center ventures have previously experienced

- NWS Earle's and Picatinny's location (approximately 1 ½ to 2 hours from each other) will still allow frequent meetings without TDY expenses. (Note that we already have frequent meetings at Picatinny and NWS Earle).
- Corporate PHST knowledge and experience of employees will not be lost. Some of the most knowledgeable employees will choose an early retirement if the relocation occurs.
- The Naval PHST Center is experienced in acting as a detachment of a larger command. We are currently a detachment of NSWC Indian Head located in Maryland. Previous to that, we were a detachment of NWAD located in California.

Option #2

Realign NSWC Indian Head Det. Earle, NJ by relocating or making us a detachment of NAES Lakehurst, now part of the Tri-Service base with Ft. Dix and McGuire AFB. Rationale:

- Locating the Joint PHST Center on the soon-to-be Air Force base immediately addresses the lack of Air Force participation in the original scenario.
- "Lean" initiatives direct the location of engineering functions as closely as possible to your production or users. The location at NAES Lakehurst/McGuire AFB/Ft Dix will allow access to the future Joint Pre-Deployment Mobilization Site.
- The base is still relatively close to Weapons Station Earle. As discussed above, the facilities at Earle are essential to the proper design of PHST equipment.
- Having access to all transportation modes is critical to the design of proper packaging and ordnance handling equipment needed to support future initiatives such as SEABASING.
- Army, Air Force and Navy are already represented on the base.
- Access to aircraft (fighters, cargo, and helo) will strengthen the design/integration of containers and OHE.
- NAES Lakehurst already shares many of the same sponsors as Naval PHST Center and they are part of the NMC1 Network.
- Lakehurst's Aviation Support Equipment and Weapons Support Equipment directly interfaces with our Maternal Handling Equipment, Ordnance Handling Equipment and ordnance packages.
- NAES Lakehurst publishes the Military Standard for general packaging.
- Corporate knowledge is not lost. The commute to Lakehurst is about the same as to Earle for most of our employees.
- The work on "virtual magazines" conducted at NAES Lakehurst correlates directly with PHST elements.
- *To save MILCON costs the Joint PHST Center could remain as a detachment to McGuire AFB located at Weapons Station Earle. (Note that plans are for NWS Earle to expand its current "Container Ship" capabilities in the near future, and there have been suggestions that Earle should be part of the Tri-Service Base.)*

Impact on NWS Earle and Community

Besides the positive benefits of locating the DoD PHST Center at NWS Earle, the following negative impacts are likely to occur if the function is relocated:

- Loss of approximately 71 technical positions in the Monmouth/Ocean County
- Reduced participation on the Atlantic Ordnance Command's Lean Teams at NWS Earle.
- Reduced participation on such programs as the recently developed flying pallet, in which the Naval PHST Center has been actively involved.
- Loss of PHST Center funds (approximately \$1.2 million annually) to NWS Earle.
- Loss of approximately 70% of NWS Earle's machine and weld shop workload.
- Discontinued/reduced support of the Monmouth Junior Scientist Program and The ARC of Monmouth.
- The U.S. government promotes car-pooling, flexi-place, etc to reduce pollution and fossil fuel consumption. The round trip commute to Picatinny will be 3 to 4 hours daily.

May 18, 2005

Dear Congressman Chris Smith,

Recently, I have read about the congressional involvement and efforts in trying to save the 5,000 positions at Fort Monmouth as announced during last week's BRAC recommendation. Unfortunately, I too am in need of your help!

Currently, I am employed at the Naval Packaging, Handling, Storage & Transportation (PHST) Center located at Naval Weapons Station Earle. The Naval PHST Center has been in existence for over 55 years and serves as the Navy's focal point with regards to these 4 facets (PHS&T) of ammunition and explosives. However, with one stroke of the BRAC pen, they are planning on relocating this function to the Army's Picatinny Arsenal in Dover, NJ. This result will cause the current 74 employees either endure a minimal 2-hour commute, move out of Monmouth/Ocean counties, or leave their jobs entirely.

If the reasons for consolidation were technically sound or derived for financial reasons, then it would be less painful. However, Weapons Station Earle is not being considered for closure, nor has it ever been considered on any previous BRAC list. For the past 5 years, we've worked for Indian Head (Maryland) yet have been a tenant here at Earle. Likewise, our current building was specially constructed in 1988 equipped with a sophisticated test and evaluation laboratory tailored to serve our function for DOD and other Government entities. So why can't we stay here and work for the Army?

As an alternate recommendation if we must be relocated, then we would even consider consolidating with Lakehurst/McGuire/Fort Dix, which would be at least palatable to our employees. Our capabilities would compliment the intended mission of this Super Base. Furthermore, this move would reduce excess support structures and allow our organization to remain focused on our core competencies. Finally, it would keep these technical positions (mainly engineers) in the Monmouth/Ocean county areas and would maintain the \$14M funds that we generate annually from many weapon program managers.

I realize that your primary effort must concentrate on trying to save Fort Monmouth, but with your assistance, possibly the BRAC commission could save our positions in this area.

As our N.J. 4th District Congressman, I've circulated this letter amongst my fellow employees, whom you serve, and their endorsements are documented on the next page. Excerpts from the Base Closure & Realignment Report (Volume 1, Part 2 of 2) that impacts our relocation (3 pages) is provided for your review.

Thank you very much for your time and, especially, your efforts on this critical matter. For any additional assistance or questions regarding this matter, please do not hesitate to contact me [home (732) 920-7949 or work (732) 866-2924].

Sincerely,



Michael Kraynick

NAVAL PHS&T EMPLOYEES
N.J. 4TH DISTRICT RESIDENTS

NAME	ADDRESS	CITY	PHONE
MICHAEL KRAYNICK	[REDACTED]	BRICK	[REDACTED]
FRED HAGGAR	[REDACTED]	FREEMED TWP	[REDACTED]
Rich Leventasky	[REDACTED]	BRICK	[REDACTED]
Christopher Chapin	[REDACTED]	WALL	[REDACTED]
DAVIDS CHOFLET	[REDACTED]	Toms River	[REDACTED] (P)
JOSEPH PILLABELLO	[REDACTED]	COLTS NECK	[REDACTED]
RICHARD CAVES	[REDACTED]	JACKSON	[REDACTED]
Richard Nicholl	[REDACTED]	Jackson	[REDACTED]
Elizabeth Zimmer	[REDACTED]	Freehold	[REDACTED]
Robert Van Schunck	[REDACTED]	Howell	[REDACTED]
Christopher Mazzi	[REDACTED]	Lakewood	[REDACTED]
Diane Riley	[REDACTED]	WALL	[REDACTED]
Dawn Lantz	[REDACTED]	BRICK	[REDACTED]
Arthur Stanton	[REDACTED]	Pt. Pleasant	[REDACTED]
Richard W. Quade	[REDACTED]	FREEHOLD	[REDACTED]
Mark Shelly	[REDACTED]	Jackson	[REDACTED]
Rob Monroe	[REDACTED]	BRICK	[REDACTED] (P)
Ray Smith	[REDACTED]	Jackson	[REDACTED]
Eileen Zentgraf	[REDACTED]	Farmingdale	[REDACTED]
NICK LAKIN	[REDACTED]	HAMILTON	[REDACTED]
Mark Heinrichs	[REDACTED]	Belle	[REDACTED]
Danica Cassella	[REDACTED]	Howell	[REDACTED]
[REDACTED]	[REDACTED]	BRICK	[REDACTED]
KATHLEEN Teubovic	[REDACTED]	WALL	[REDACTED]
DONNA MORSE	[REDACTED]	Jackson	[REDACTED]

(P) former Howell Resident until Feb '05.



DEPARTMENT OF DEFENSE

**BASE CLOSURE
AND
REALIGNMENT REPORT**

VOLUME I

PART 2 OF 2: DETAILED RECOMMENDATIONS

MAY 2005

space, and by virtue of the fact that Eglin AFB can absorb the DTRA NCR (and Hill AFB) functions without the need for MILCON.

Payback: The total estimated one-time cost to the Department of Defense to implement this recommendation is \$2.7M. The net of all costs and savings to the Department during the implementation period is a savings of \$4.9M. Annual recurring savings to the Department after implementation are \$1.4M with payback expected in 2 years. The net present value of the costs and savings to the Department over 20 years is a savings of \$17.9M.

Economic Impact on Communities: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 64 jobs (33 direct jobs and 31 indirect jobs) over the 2006-2011 period in the Ogden-Clearfield, UT, Metropolitan Statistical Area, which is less than 0.1 percent of economic area employment.

Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 114 jobs (67 direct and 47 indirect jobs) over the 2006-2011 period in the Washington-Arlington-Alexandria, DC-VA-MD-WV, Metropolitan Division, which is less than 0.1 percent of economic area employment.

The aggregate economic impact of all recommended actions on these economic regions of influence was considered and is at Appendix B of Volume I.

Community Infrastructure Assessment: A review of community attributes indicates no issues regarding the ability of the infrastructure of the communities to support missions, forces, and personnel. There are no known community infrastructure impediments to implementation of all recommendations affecting the installations in this recommendation.

Environmental Impact: Additional operations may impact archeological sites at Eglin AFB and restrict operations. Additional operations may compound the need for explosive safety waivers at Eglin AFB. Additional operations may further impact threatened and endangered species and/or critical habitats at Eglin AFB. Modification of Eglin AFB's treatment works may be necessary. This recommendation may impact wetlands at Eglin AFB. This recommendation has no impact on air quality; dredging; marine mammals, resources, or sanctuaries; noise; or water resources. This recommendation will require spending approximately less than \$0.05M for environmental compliance activities. This cost was included in the payback calculation. This recommendation does not otherwise impact the costs of environmental restoration, waste management, and environmental compliance activities. The aggregate environmental impact of all recommended BRAC actions affecting the bases in this recommendation has been reviewed. There are no known environmental impediments to implementation of this recommendation.

Create an Integrated Weapons & Armaments Specialty Site for Guns and Ammunition

Recommendation: Realign the Adelphi Laboratory Center, MD, by relocating gun and ammunition Research and Development & Acquisition to Picatinny Arsenal, NJ.

Realign Naval Surface Warfare Center Division Crane, IN, by relocating gun and ammunition Research and Development & Acquisition to Picatinny Arsenal, NJ.

Realign the Fallbrook, CA, detachment of Naval Surface Warfare Center Division Crane, IN, by relocating gun and ammunition Research and Development & Acquisition to Picatinny Arsenal, NJ.

Realign Naval Surface Warfare Center Division Dahlgren, VA, by relocating gun and ammunition Research and Development & Acquisition to Picatinny Arsenal, NJ.

Realign the Louisville, KY, detachment of Naval Surface Warfare Center Division Port Hueneme, CA, by relocating gun and ammunition Research and Development & Acquisition to Picatinny Arsenal, NJ.

Realign Naval Air Warfare Center Weapons Division China Lake, CA, by relocating gun and ammunition Research and Development & Acquisition to Picatinny Arsenal, NJ.

Realign Naval Surface Warfare Center Division Indian Head, MD, by relocating gun and ammunition Research and Development & Acquisition to Picatinny Arsenal, NJ.

Realign Naval Surface Warfare Center Division Earle, NJ, by relocating weapon and armament packaging Research and Development & Acquisition to Picatinny Arsenal, NJ.

Justification: This recommendation realigns and consolidates those gun and ammunition facilities working in Weapons and Armaments (W&A) Research (R), Development & Acquisition (D&A). This realignment would result in a more robust joint center for gun and ammunition Research, Development & Acquisition at Picatinny Arsenal, NJ. This location is already the greatest concentration of military value in gun and ammunition W&A RD&A.

Picatinny Arsenal is the center-of-mass for DoD's Research, Development & Acquisition of guns and ammunition, with a workload more than an order of magnitude greater than any other DoD facility in this area. It also is home to the DoD's Single Manager for Conventional Ammunition. Movement of all the Services' guns and ammunition work to Picatinny Arsenal will create a joint center of excellence and provide synergy in armament development for the near future and beyond, featuring a Joint Packaging, Handling, Shipping and Transportation (PHS&T) Center, particularly important in this current time of high demand for guns and ammunition by all the services. Technical facilities with lower quantitative military value are relocated to Picatinny Arsenal.

This recommendation includes Research, Development & Acquisition activities in the Army and Navy. It promotes jointness, enables technical synergy, and positions the Department of Defense to exploit center-of-mass scientific, technical, and acquisition expertise within the weapons and armament Research, Development & Acquisition community that currently resides at this DoD specialty location.

Payback: The total estimated one-time cost to the Department of Defense to implement this recommendation is \$116.3M. The net of all costs and savings to the Department during the implementation period is cost of \$81.2M. Annual recurring savings to the Department after implementation are \$11.3M with a payback expected in 13 years. The net present value of the costs and savings to the Department over 20 years is a savings of \$32.6M.

Economic Impact on Communities: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 11 jobs (5 direct jobs and 6 indirect jobs) over the 2006-2011 period in Bakersfield, CA, Metropolitan Statistical Area which is less than 0.1 percent of economic area employment.

Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 83 jobs (43 direct jobs and 40 indirect jobs) over the 2006-2011 period in the Bethesda-Frederick-Gaithersburg, MD, Metropolitan Division, which is less than 0.1 percent of economic area employment.

Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 421 jobs (289 direct jobs and 132 indirect jobs) over the 2006-2011 period in Martin County, IN, economic area, which is 4.9 percent of economic area employment.

Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 126 jobs (67 direct jobs and 59 indirect jobs) over the 2006-2011 periods in the Edison, NJ, Metropolitan Division, which is less than 0.1 percent of economic area employment.

Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 506 jobs (296 direct jobs and 210 indirect jobs) over the 2006-2011 periods in the Louisville, KY-IN, Metropolitan Statistical Area, which is less than 0.1 percent of economic area employment.

Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 302 jobs (146 direct jobs and 156 indirect jobs) over the 2006-2011 periods in the San Diego-Carlsbad-San Marcos, CA, Metropolitan Statistical Area, which is less than 0.1 percent of economic area employment.

Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 76 jobs (43 direct jobs and 33 indirect jobs) over the 2006-2011 periods in the Washington-Arlington-Alexandria, DC-VA-MD-WV, Metropolitan Division, which is less than 0.1 percent of economic area employment.

Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 202 jobs (93 direct jobs and 109 indirect jobs) over the 2006-2011 periods in the King George County, VA, economic area, which is 1.4 percent of economic area employment.

The aggregate economic impact of all recommended actions on these economic regions of influence was considered and is at Appendix B of Volume I.

Community Infrastructure Assessment: A review of community attributes indicates no issues regarding the ability of the infrastructure of the communities to support missions, forces, and personnel. There are no known community infrastructure impediments to implementation of all recommendations affecting the installations in this recommendation.

Environmental Impact: This recommendation is expected to impact air quality at Picatinny, which is in severe non-attainment for Ozone. This recommendation may have a minimal effect on cultural resources at Picatinny. Additional operations may further impact threatened/endangered species at Picatinny, leading to additional restrictions on training or operations. This recommendation has no impact on dredging, land use constraints or sensitive resource areas; marine mammals, resources, or sanctuaries; noise; waste management; or wetlands. This recommendation will require spending approximately \$0.3M for environmental compliance activities. This cost was included in the payback calculation. This recommendation does not otherwise impact the costs of environmental restoration, waste management, and environmental compliance activities. The aggregate environmental impact of all recommended BRAC actions affecting the bases in this recommendation has been reviewed. There are no known environmental impediments to implementation of this recommendation.

Defense Research Service Led Laboratories

Recommendation: Close the Air Force Research Laboratory, Mesa City, AZ. Relocate all functions to Wright Patterson Air Force Base, OH.

Realign Air Force Research Laboratory, Hanscom, MA, by relocating the Sensors Directorate to Wright Patterson Air Force Base, OH, and the Space Vehicles Directorate to Kirtland Air Force Base, NM.

Realign Rome Laboratory, NY, by relocating the Sensor Directorate to Wright Patterson Air Force Base, OH, and consolidating it with the Air Force Research Laboratory, Sensor Directorate at Wright Patterson Air Force Base, OH.

Realign Air Force Research Laboratory, Wright Patterson Air Force Base, OH, by relocating the Information Systems Directorate to Hanscom Air Force Base, MA.

Realign Army Research Laboratory Langley, VA, and Army Research Laboratory Glenn, OH, by relocating the Vehicle Technology Directorates to Aberdeen Proving Ground, MD.

Realign the Army Research Laboratory White Sands Missile Range, NM, by relocating all Army Research Laboratory activities except the minimum detachment required to maintain the Test and Evaluation functions at White Sands Missile Range, NM, to Aberdeen Proving Ground, MD.

Justification: This recommendation realigns and consolidates portions of the Air Force and Army Research Laboratories to provide greater synergy across technical disciplines and functions. It does this by consolidating geographically separate units of the Air Force and Army Research Laboratories.