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

04 February 2005

MEMORANDUM FOR CHAIR, TECHNICAL JOINT CROSS SERVICE GROUP

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

Ref: (a) TECH JCSG ltr of 31 Jan 05 Re: TECH-0005
(b) TECH JCSG ltr of 31 Jan 05 Re: TECH-0013
(c) TECH JCSG ltr of 31 Jan 05 Re: TECH-0017
(d) TECH JCSG ltr of 31 Jan 05 Re: TECH-0019
(e) TECH JCSG ltr of 31 Jan 05 Re: TECH-0043

Encl: (1) SSEI for TECH-0005
(2) SSEI for TECH-0013
(3) SSEI for TECH-0017
(4) SSEI for TECH-0019
(5) SSEI for TECH-0043

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 your requests, references (a) through (e), enclosures (1) through (5) are provided.

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: TECH-0005 (DON Installations Only)

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

Action 2: Consolidate maritime rotary wing Air Platform Research from NRL_WASHINGTON_DC to COMNAVAIRWARCENACDIV_PATUXENT_RIVER_MD

Action 3: Consolidate rotary wing Air Platform DAT&E from COMNAVAIRWARCENWPNDIV_CHINA_LAKE_CA to COMNAVAIRWARCENACDIV_PARUXENT_RIVER_MD.

Action 4: Consolidate rotary wing Air Platform DAT&E from AIRTEVRON_NINE_CHINA_LAKE to COMNAVAIRWARCENACDIV_PATUXENT_RIVER_MD.

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

Action 6: Consolidate rotary wing Air Platform T&E from NAVSURFWARCENDIV_CORONA_CA to COMNAVAIRWARCENACDIV_PATUXENT_RIVER_MD.

Action 7: Consolidate rotary wing Air Platform T&E from NAVAIRWARCENACDIV_PT_MUGU_CA to COMNAVAIRWARCENACDIV_PATUXENT_RIVER_MD.

Action 8: Consolidate rotary wing, non-maritime Air Platform Research from NRL Washington DC [N00173] to Redstone Arsenal [01750].

General Environmental Impacts (Realigned Installations)

Environmental Resource Area	Naval Air Engineering Station Lakehurst, NJ (Installation Realigned)	Naval Research Lab Washington DC (Installation Realigned)	Naval Air Weapons Station China Lake, CA (Installation Realigned)	Naval Support Activity Corona, CA (Installation Realigned)	IF Point Mugu, CA (Installation Realigned)
Air Quality	Installation is severe nonattainment for 1 hour Ozone. No impact.	Installation is severe nonattainment for 1 hour Ozone and unclassifiable for remaining criteria pollutants with the exception of CO which it is in attainment. No impact.	Installation is moderate nonattainment for PM10 and unclassifiable for NO2, CO, and Pb. No impact.	Installation is in attainment for all criteria pollutants. No Impact.	Installation is severe nonattainment for 1 hour Ozone and moderate nonattainment for 8 hour Ozone. No impact.

Cultural/Archeological/Tribal Resources	Historic properties exist. No impact.	Archeological sites exist. No impact.	Archeological and historical sites exist. Federally recognized Native American Tribes have asserted an interest in the installation. No impact.	Archeological and historical sites exist. No impact.	Archeological and historical sites exist. No impact.
Dredging	No Impact.	No Impact.	No Impact.	No impact.	No impact.
Land Use Constraints/Sensitive Resource Areas	ESQD Arcs exist. No impact.	ESQD Arcs and underground storage tanks exist. No impact.	ESQD Arcs, international treaties and underground storage tanks exist. No impact.	Underground storage tanks exist. No impact.	ESQD Arcs and underground storage tanks exist. No impact.
Marine Mammals/Marine Resources/ Marine Sanctuaries	No Impact.	No Impact.	Marine mammals and sensitive resource areas are present. No impact.	Sensitive resource areas are present. No impact.	Marine mammals, marine resources and sensitive resource areas are present. No impact.
Noise	Noise Zones exist on the installation. No impact.	No Impact.	Noise Zones exist on the installation. No impact.	No impact.	Noise Zones exist on the installation. No impact.
Threatened& Endangered Species/Critical Habitat	TES are present. No impact.	No Impact.	TES are present No impact.	TES are present. No impact.	TES are present. No impact.
Waste Management	Decrease to waste disposal. No impact.	Decrease to waste disposal. The installation has a permitted hazardous waste RCRA TSD facility. No impact.	Decrease to waste disposal. The installation has a permitted hazardous waste RCRA TSD facility and a final RCRA Subpart X permit. No impact.	Decrease to waste disposal. No impact.	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.	Decrease in water demand. The installation discharges to an impaired waterway. Contamination has been found in the groundwater and the state regulates withdrawals.	Decrease in water demand. Contamination has been found in the groundwater on the installation.	Decrease in water demand.	Decrease in water demand. Contamination has been identified in the surface water resources within the boundaries of the installation. The installation discharges to an impaired waterway. Contamination has been found in the groundwater on the installation.

Wetlands	14% restricted wetlands on the installation. No impact.	1.3% restricted wetlands on the installation. No impact.	1% restricted wetlands on the auxiliary field. No impact.	6% restricted wetlands on the installation. No impact.	46% 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)	Naval Research Lab Washington DC (Installation Realigned)	Naval Air Weapons Station China Lake, CA (Installation Realigned)	Naval Support Activity Corona, CA (Installation Realigned)	IF Point Mugu, CA (Installation Realigned)
Environmental Restoration	$48M thru FY 03. $55M CTC.	$0 thru FY 03. $0 CTC.	$89M thru FY 03. $72M CTC.	$0 thru FY 03. $0 CTC.	$32M thru FY 03. $48M CTC.
Waste Management	None	None	None	None	None
Environmental Compliance	None.	None	None	None	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	$40M thru FY 03. $62M CTC.
Waste Management	None
Environmental Compliance	$50K, NEPA Compliance for Action 5.

Environmental non-MILCON costs were not reported. The installation reported Action 1 and Action 6 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: TECH-0013 (DON installations only)

Action 1: Consolidate Ground Vehicle R, D&A and T&E into a core site at Detroit Arsenal, Detroit/Selfridge, Warren MI.

General Environmental Impacts

Environmental Resource Area	Marine Corps Base Quantico, VA (CG MCCDC Quantico, D&A Ground Vehicle) (Installation Realigned)
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	Reduces waste generation.
Water Resources	Reduces water consumption.
Wetlands	No impact.

Impacts of Costs

Selection Criterion 8 Environmental Points	Marine Corps Base Quantico, VA (CG MCCDC Quantico, D&A Ground Vehicle) (Installation Realigned)
Environmental Restoration	DERA costs $48M thru FY03; $29M CTC
Waste Management	None
Environmental Compliance	None

Summary of Scenario Environmental Impacts

TECH scenario: TECH-0017 (DON installations only)

Action 1: Relocate DoD; Guns and Ammunition RD&A Aberdeen, MD; Guns/Ammunition and Fuze RD&A, Adelphi, MD; Gun/Ammunition RDAT&E, Crane, Dahlgren, Port Hueneme (Louisville Detachment) Quantico, China Lake, Eglin; Gun RD&A, Watervliet, NY; to Picatinny Arsenal, Dover, NJ.

General Environmental Impacts

Environmental Resource Area	Marine Corps Base Quantico, VA: Guns/Ammo RDAT&E Naval Air Weapons Station China Lake: Guns/Ammo RDAT&E Naval Reserve Center Louisville: Guns/Ammo RDAT&E Naval Support Activity Crane: Guns/Ammo RDAT&E Naval Surface Warfare Center Dahlgren: Guns/Ammo RDAT&E Naval Surface Warfare Center Indian Head: Guns/Ammo RDAT&E Naval Weapons Station Fallbrook Crane: Guns/Ammo RDAT&E (Installations Realigned)
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	Reduces waste generation.
Water Resources	Reduces water consumption.
Wetlands	No impact.

Impacts of Costs

Selection Criterion 8 Environmental Points	**Marine Corps Base Quantico, VA: Guns/Ammo RDAT&E** **Naval Air Weapons Station China Lake: Guns/Ammo RDAT&E** **Naval Reserve Center Louisville: Guns/Ammo RDAT&E** **Naval Support Activity Crane: Guns/Ammo RDAT&E** **Naval Surface Warfare Center Dahlgren: Guns/Ammo RDAT&E** **Naval Surface Warfare Center Indian Head: Guns/Ammo RDAT&E** **Naval Weapons Station Fallbrook Crane: Guns/Ammo RDAT&E** **(Installations Realigned)**
Environmental Restoration	**DERA costs** **Marine Corps Base Quantico, VA**: $48M thru FY03; $29M CTC **Naval Air Weapons Station China Lake**: $89M thru FY03; $72M CTC **Naval Reserve Center Louisville**: No DERA Program **Naval Support Activity Crane**: $68.5M thru FY03; $52M CTC **Naval Surface Warfare Center Dahlgren**: $48.8M thru FY03; $18.3M CTC **Naval Surface Warfare Center Indian Head:** $22.9M thru FY03; $62.6M CTC **Naval Weapons Station Fallbrook**: $0.4M thru FY03; $19M CTC
Waste Management	**Indian Head:** $55.5K non-explosive hazardous waste disposal.
Environmental Compliance	None

RDAT&E processes relocated under this scenario will generate explosive hazardous waste. Receiving facility will require RCRA SubPart X permit to treat explosive hazardous waste including propellants and propellant and explosive contaminated solvents.

Summary of Scenario Environmental Impacts

TECH Scenario: TECH-0019 (DON Installations only)

Action 1: Realign Naval Surface Warfare Center, Crane, IN, by relocating Energetic Materials RDAT&E function to Naval Surface Warfare Center, Indian Head, MD.

Action 2: Realign Naval Weapons Station, Seal Beach, CA, Detachment FallBrook, by relocating Energetic Materials RDAT&E function to Naval Surface Warfare Center, Indian Head, MD.

Action 3: Realign Naval Weapons Station, Yorktown, VA, by relocating Energetic Materials RDAT&E function to Naval Surface Warfare Center, Indian Head, MD.

General Environmental Impacts

Environmental Resource Area	Naval Support Activity Crane, IN (Installation Realigned)	Naval Weapons Station Seal Beach, CA DET Fallbrook (Installation Realigned)	Naval Weapon Station Yorktown, VA (Installation Realigned)	Naval Surface Warfare Center Division Indian Head, MD (Receiving Installation)
Air Quality	Installation is Unclassifiable for PM10, NO2, and Pb. No impact.	Installation is in Nonattainment for 8 hour Ozone and PM 2.5, Extreme Nonattainment for 1 hour Ozone and Serious Nonattainment for PM10. No impact.	Installation is maintenance for 1 hour Ozone. No impact.	Installation is Severe Nonattainment Deferred for all criteria pollutants. Installation has indicated no impact to air quality as a result of this scenario.
Cultural/Archeological/Tribal Resources	Archeological and historical sites exist. The installation has a programmatic agreement. No impact.	Archeological sites exist. Federally recognized Native American Tribes have asserted an interest in the installation. No impact.	Archeological and historical sites exist. The installation has a programmatic agreement. No impact.	Archeological and historical sites exist. Installation has indicated no impact as a result of this scenario.
Dredging	No impact.	No impact.	No impact.	No impact.
Land Use Constraints/Sensitive Resource Areas	ESQD Arcs are present on the installation for which waivers/ exemptions exist. The installation has underground storage tanks. . No impact.	ESQD Arcs are present on the installation for which waivers/ exemptions exist. The installation has underground storage tanks. . No impact.	ESQD Arcs are present on the installation for which waivers/ exemptions exist. The installation has underground storage tanks. . No impact.	ESQD Arcs are present on the installation for which waivers/ exemptions exist. Also some arcs may be expanded. The installation has underground storage tanks. Installation has indicated no impact as a result of this scenario. Installation is proposing

				29.6K SF of new construction. 377.45 unconstrained acres are available for development.
Marine Mammals/Marine Resources/ Marine Sanctuaries	Sensitive resource areas are present. . No impact.	No impact.	Sensitive resource areas are present. . No impact.	Sensitive resource areas are present. No impact anticipated.
Noise	Noise Zones exist on the installation. . No impact.	No impact.	No impact.	No impact.
Threatened& Endangered Species/Critical Habitat	TES are present. . No impact.	TES are present. . No impact.	TES are present. . No impact.	TES (bald eagle) are present on the installation. The installation indicates no impact to TES because plant operations that will be received as a result of this scenario are compatible with current operations. Also, U.S. Fish and Wildlife has consistently not required mitigation for new operations that are consistent with current operations. Some phases of proposed rehabilitation may be restricted Dec 16th through June 15th.
Waste Management	Decrease to waste disposal. The installation has a permitted hazardous waste RCRA TSD facility and a final RCRA Subpart X permit.	Decrease to waste disposal.	Decrease to waste disposal. The installation has a permitted hazardous waste RCRA TSD facility.	Increase to waste disposal, but scenario creates insignificant solid waste. The installation has a permitted hazardous waste RCRA TSD facility and a final RCRA Subpart X permit. The installation recognized that this scenario relocates a function that needs a RCRA Subpart X facility, but no impacts are expected because the installation already has an interim RCRA Subpart X Permit. New waste streams are consistent with existing waste streams and require no modification.
Water Resources	Decrease in water demand. Contamination has been identified in the surface water	Decrease in water demand. The state regulates groundwater withdrawals.	Decrease in water demand. Contamination has been identified in the surface water	Increase to water demand. The installation discharges to an impaired waterway. Contamination has been found in the

	resources within the boundaries of the installation The installation discharges to an impaired waterway. Contamination has been found in the groundwater.		resources within the boundaries of the installation. The installation discharges to an impaired waterway. Contamination has been found in the groundwater on the installation.	groundwater on the installation and the state regulates withdrawals. Installation reports no impacts
Wetlands	5% restricted wetlands on the installation. . No impact.	6.3% restricted wetlands on the installation. . No impact.	8% restricted wetlands on the auxiliary field. . No impact.	9% restricted wetlands on the installation. Installation reports no impacts.

Impacts of Costs

Selection Criterion 8 Environmental Points	Naval Support Activity Crane, IN (Installation Realigned)	Naval Weapons Station Seal Beach, CA DET Fallbrook (Installation Realigned)	Naval Weapon Station Yorktown, VA (Installation Realigned)	Naval Surface Warfare Center Division Indian Head, MD (Receiving Installation)
Environmental Restoration	$69M thru FY 03. $52M CTC.	$450K thru FY 03. $19M CTC.	$45M thru FY 03. $41M CTC.	$22.9M thru FY 03. $62.6M CTC.
Waste Management	None	None	$133.5K Hazmat/waste test and transport.	$20K Industrial Waste Water Permits
Environmental Compliance	None.	None	None	$160K NEPA Reviews $10K RCRA permit updates. $15K Air Permits

Summary of Scenario Environmental Impacts

TECH Scenario: TECH-0043 (DON Installations only)

Action 1: Consolidate energetic materials RDAT&E functions at NAVSURFWARCENDIV_CRANE_IN [N00164] to NAVSURFWARCENDIV_DAHLGREN_VA.

Action 2: Consolidate energetic materials RDAT&E functions at NAVWPNSTA_SEAL_BEACH_CA_DET_FALLBROOK [N32893] to NAVSURFWARCENDIV_DAHLGREN_VA.

Action 3: Consolidate energetic materials RDAT&E functions at NAVSURFWARCENDIV_INDIAN_HEAD_MD to NAVSURFWARCENDIV_DAHLGREN_VA.

Action 4: Consolidate energetic materials RDAT&E functions at Naval Weapons Station, Yorktown, VA [N32889] to NAVSURFWARCENDIV_DAHLGREN_VA.

General Environmental Impacts

Environmental Resource Area	Naval Support Activity Crane, IN (Installation Realigned)	Naval Weapons Station Seal Beach, CA DET Fallbrook (Installation Realigned)	Naval Surface Warfare Center Division Indian Head, MD (Installation Realigned)	Naval Weapon Station Yorktown, VA (Installation Realigned)	Naval Surface Warfare Center Division Dahlgren, VA (Receiving Installation)
Air Quality	Installation is Unclassifiable for PM10, NO2, and Pb. No impact.	Installation is in Nonattainment for 8 hour Ozone and PM 2.5, Extreme Nonattainment for 1 hour Ozone and Serious Nonattainment for PM10. No impact.	Installation is Severe Nonattainment Deferred for all criteria pollutants. No impact.	Installation is maintenance for 1 hour Ozone. No impact.	Installation is Unclassifiable for 1 and 8 hour Ozone and Pb. No impact anticipated.
Cultural/Archeological/Tribal Resources	Archeological and historical sites exist. The installation has a programmatic agreement. No impact.	Archeological sites exist. Federally recognized Native American Tribes have asserted an interest in the installation. No impact.	Archeological and historical sites exist. No impact.	Archeological and historical sites exist. The installation has a programmatic agreement. No impact.	Archeological and historical sites exist. The installation has a programmatic agreement. Potential impact for new MILCON.
Dredging	No Impact.	No Impact.	No impact.	No Impact.	No Impact.

Land Use Constraints/Sensitive Resource Areas	ESQD Arcs are present on the installation for which waivers/ exemptions exist. The installation has underground storage tanks. No impact.	ESQD Arcs are present on the installation for which waivers/ exemptions exist. The installation has underground storage tanks. No impact.	ESQD Arcs are present on the installation for which waivers/ exemptions exist. The installation has underground storage tanks. No impact.	ESQD Arcs are present on the installation for which waivers/ exemptions exist. The installation has underground storage tanks. No impact.	ESQD Arcs are present on the installation. International Treaties are in affect. (Biological Weapons Convention (BWC)). The installation has underground storage tanks. 373,200 GSF, 119,810 SY and 40,966 LF of new construction are planned. There are 166.02 unconstrained acres available for development.
Marine Mammals/Marine Resources/ Marine Sanctuaries	Sensitive resource areas are present. No impact.	No impact.	Sensitive resource areas are present. No impact.	Sensitive resource areas are present. No impact.	Sensitive resource areas are present. Potential impact.
Noise	Noise Zones exist on the installation. No impact.	No impact.	No impact.	No impact.	No impact.
Threatened& Endangered Species/Critical Habitat	TES are present. No impact.	TES are present. No impact.	TES are present on the installation. No impact.	TES are present. No impact.	TES (bald eagle) are present on the installation. Potential impact.
Waste Management	Decrease to waste disposal. The installation has a permitted hazardous waste RCRA TSD facility and a final RCRA Subpart X permit.	Decrease to waste disposal.	Decrease to waste disposal. The installation has a permitted hazardous waste RCRA TSD facility and a final RCRA Subpart X permit.	Decrease to waste disposal. The installation has a permitted hazardous waste RCRA TSD facility.	Increase to waste disposal. The installation has a permitted hazardous waste RCRA TSD facility and a final RCRA Subpart X permit. Potential impact.
Water Resources	Decrease in water demand. Contamination has been identified in the surface water resources within the boundaries of the installation The installation discharges to an impaired waterway.	Decrease in water demand. The state regulates groundwater withdrawals.	Decrease to water demand. The installation discharges to an impaired waterway. Contamination has been found in the groundwater on the installation and the state regulates withdrawals.	Decrease in water demand. Contamination has been identified in the surface water resources within the boundaries of the installation. The installation discharges to an impaired waterway. Contamination has	Increase to water demand. IF NAVSURFWARCENDIV Indian Head, MD indicated a requirement for an additional 348,265 gallons a day (not including water needed for fire protection. Contamination has

	Contamination has been found in the groundwater.			been found in the groundwater on the installation.	been identified in the surface water resources within the boundaries of the installation. The installation discharges to an impaired waterway. Contamination has been found in the groundwater on the installation and the state regulates withdrawals.
Wetlands	5% restricted wetlands on the installation. No impact.	6.3% restricted wetlands on the installation. No impact.	9% restricted wetlands on the installation. No impact.	8% restricted wetlands on the auxiliary field. No impact.	16% restricted wetlands on the installation and 12% restricted wetlands on the auxiliary field. Potential impact for new MILCON.

An environmental scenario specific data call was not issued for this scenario. If more detailed environmental information is required, please provide request.

Impacts of Costs

Selection Criterion 8 Environmental Points	Naval Support Activity Crane, IN (Installation Realigned)	Naval Weapons Station Seal Beach, CA DET Fallbrook (Installation Realigned)	Naval Surface Warfare Center Division Indian Head, MD (Installation Realigned)	Naval Weapon Station Yorktown, VA (Installation Realigned)	Naval Surface Warfare Center Division Dahlgren, VA (Receiving Installation)
Environmental Restoration	$69M thru FY 03. $52M CTC.	$450K thru FY 03. $19M CTC.	$22.9M thru FY 03. $62.6M CTC.	$45M thru FY 03. $41M CTC.	$49M thru FY 03. $18M CTC.
Waste Management	None	None	None	$133.5K Hazmat/waste test and transport.	None
Environmental Compliance	None.	None	None	None	$4.2M Wetland mitigation. $750K NEPA EIS

Additional data from field:

NAVSURFWARCENDIV_INDIAN_HEAD_MD provided that:
"Several RDAT&E processes being relocated under this scenario require potable water. Examples of potable water use include non contact cooling water for mixers, contact

cooling water for propellant machining, and wash down water for energetics processing clean up. Estimated water usage is 348,265 gallons per day (127 million gallons per year). This estimate does not include water needed for fire protection systems since IHDIV uses river water from the Potomac River for fire protection. Annual usage of 26.6 M gallons per year."