

SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS**[TABS WORKING DRAFT]****SCENARIO #640****TITLE: IND-0112 CLOSE RIVERBANK AAP****GENERAL DESCRIPTION:** Close Riverbank Army Ammunition Plant. Relocate the artillery, mortar, and tank metal parts functions to Rock Island Arsenal.

Assumptions:

1. Relocation of 10 personnel to RIA
2. Construction of 2 x 100,000 SF facilities required.

ANALYST: LILLIAN VALMORO**DATE: 4 JAN 2005 (UPDT 19 JAN 2005)**

Env Resource Area	<i>Gaining</i> Installation Assessment Inst Name: Rock Island Arsenal	Analyst Comments (& data source(s) that drive assessment)
Air Quality	The receiving installation is in attainment for all NAAQS. New Source Review needed for new construction and added operations will require Air Conformity analysis to determine impact.	#213 - In attainment for all criteria pollutants #211 - Over permit limit for CO, PM10, Pb #212 - no permit/thresholds exceeded. #218/ISR - no AQM impact to mission. #220 - Title V Major Operating Permit
Cultural/Archeological/ Tribal Resources	Likely no impact however resources must be evaluated on a case-by-case basis.	#233 - 75% of installation surveyed #235 65 historic properties #231 - Native people sites identified #236 - No programmatic agreement ISR/230/201 - No impact to mission #230 - Archaeological resources identified, no restrictions reported #232 - Sites with high potential for archaeological resources identified #234 - N/A
Dredging	No impact	#226-228 - N/A
Land Use Constraints/Sensitive Resource Areas	No impact	#30 - >300 BA reported; 84 acres required (based on est. equiv of a small depot being moved). #254 / 256 - no constraints reported No encroachment issues
Marine Mammals/Marine Resources	No Impact	#248-250, 252, 253 - N/A
Noise	No impact	#239 - No noise contours off-installation
Threatened & Endangered Species/Critical Habitats	TES include Bald Eagle but has no current impact on installation.	#259 - 1 TES identified (Bald Eagle) - no restrictions. #260-264 - None

Waste Management	No impact. No OB/OD required for metal parts functions.	#265 – No RCRA TSD Facility #269 No RCRA Subpart X Permit #272 No permitted solid waste disposal facility
Water Resources	Potential minor impact. Additional industrial functions may require purchase of additional wastewater services from publicly owned utility. Addition of industrial functions may require installation of pollution controls to avoid contributing to status of impaired waterway.	#293/ISR - no restrictions No water constraints. #297 – Installation uses publicly owned off-installation sewage treatment plant #276 – Not located over a sole-source aquifer #279 – Installation discharges to impaired waterway #275 – Groundwater contamination includes PCBs/oils, chromium, TCEA, Vinyl Chloride and Lead #281 – Surface water contamination includes TCE, Vinyl Chloride, PNAs and chromium #282 – On-installation publicly owned industrial wastewater plant IREM indicates infrastructure to support additional 12,030 personnel; scenario adds 10 personnel -
Wetlands	No impact	#251 - wetlands survey completed 9/99 #259 - wetlands restrict 3.5% of installation

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED); [TABS WORKING DRAFT]
SCENARIO #640

Env Resource Area	<i>Lossing Installation Assessment</i> Inst Name: Riverbank AAP	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No impact (positive or negative)	Q#213 – In non-attainment for several criteria pollutants
Cultural/Archaeological/Tribal Resources	No impact	Q#230, 231, 232, 235 – no archeological sites, historical sites, Native People’s sites, or sites of high archeological potential
Dredging	No Impact	
Land Use Constraints/Sensitive Resource Areas	No Impact	Q#240 – DERA sites reported – CTC is \$10.5M; \$50.2M spent thru FY03. Q#273 – No MMRA sites No operational ranges.
Marine Mammals/Marine Resources	No Impact	
Noise	No Impact	
Threatened & Endangered Species/Critical Habitat	Continued management and/or deed restrictions will be necessary to ensure future protection of federally listed species.	Q#259, 260, 263 – No listed or endangered species or critical habitat proposed Q#264 – Critical habitat present – Elderberry plants in evaporation/percolation ponds
Waste Management	Restoration, monitoring/sweeps, access controls, and/or deed restrictions may be required for these areas to prevent disturbance, health and safety risks, and/or long-term release of toxins to environmental media. Installation has domestic wastewater treatment facility that may require cleanup.	Q#265 – Has a RCRA TSD facility Q#822 – Has a wastewater treatment facility
Water Resources	Environmental media contamination issues at the installation include cyanide and hexavalent chromium groundwater contamination. Restoration and/or monitoring of contaminated media will likely be required after closure in order to prevent significant long-term impacts to the environment.	Q#275 –Cyanide and hexavalent groundwater contamination Q#281 No surface water contamination
Wetlands	No Impact	

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED); [TABS WORKING DRAFT]
SCENARIO #640

IMPACTS OF COSTS

Env Resource Area	Gaining Installation Inst Name: Rock Island Arsenal	Losing Installation Inst Name: Riverbank AAP
Environmental Restoration*		Q#240 – DERA sites reported – CTC is \$10.5M
Waste Management		Restoration/monitoring of hazardous waste sites \$500K-\$10M + (notional)
Environmental Compliance	<ul style="list-style-type: none"> -Air Conformity Analysis - \$25K-\$75K (includes no mitigation costs) -New Source Review Analysis and Permitting - \$100K-\$500K -Develop PA -\$10,000 -Evaluation to determine if archaeological resources are significant -\$15K-\$40K -Mitigation of archaeological/historic site - \$25K-\$500K depending on complexity -Endangered Species Management (includes monitoring) -\$20K-\$2M -ESA Consultation (BA Prep) -\$10K-\$100K -Realignment NEPA at gaining base – industrial-\$1M (EIS) 	<ul style="list-style-type: none"> -Environmental Baseline Survey (EBS) \$200K-\$300K -Access controls/caretaker management of critical habitat \$500K-\$1M (notional)
COBRA Costs:	<ul style="list-style-type: none"> -Air Conformity Analysis - \$50K -New Source Review Analysis and Permitting - \$100K -Realignment NEPA at gaining base – industrial-\$1M (EIS) 	EBS plus disposal EIS - \$1.3M

INSTALLATION ENVIRONMENTAL PROFILE

RIVERBANK AAP

1. Air Quality (DoD Question #210-225):

- a. The Clean Air Act (CAA) establishes health-based standards for air quality and all areas of the country are monitored to determine if they meet the standards. A major limiting factor is whether the installation is in an area designated nonattainment or maintenance (air quality is not meeting the standard) and is therefore subject to more stringent requirements, including the CAA General Conformity Rule. Conformity requires that any new emissions from military sources brought into the area must be offset by credits or accounted for in the State Implementation Plan (SIP) emissions budget. The criteria pollutants of concern include: CO, O₃ (1 hour & 8 Hour), and PM (PM₁₀, and PM_{2.5}). Installations in attainment areas are not restricted, while activities for installations in non-attainment areas may be restricted. Non-attainment areas are classified as to the degree of non-attainment: Marginal, Moderate, Serious, and in the case of O₃, Severe and Extreme. SIP Growth Allowances and Emission Reduction Credits are tools that can be used to accommodate increased emissions in a manner that conforms to a state's SIP. All areas of the country require operating permits if emissions from stationary sources exceed certain threshold amounts. Major sources already exceed the amount and are subject to permit requirements. Synthetic minor means the base has accepted legal limits to its emissions to stay under the major source threshold. Natural or true minor means the actual and potential emissions are below the threshold.
- b. RIVERBANK AAP is in Extreme Nonattainment for Ozone (1 hr). RIVERBANK AAP is in Severe Nonattainment for PM₁₀. RIVERBANK AAP is in Severe Nonattainment for NO₂. RIVERBANK AAP is proposed to be in Extreme Nonattainment for Ozone (8 hour). RIVERBANK AAP is proposed to be in Severe Nonattainment for PM 2.5. It holds a CAA Synthetic Minor Operating Permit. Emission credit programs may be available. No SIP growth allowance has been allocated for this installation. RIVERBANK AAP is in an area projected or proposed to be designated nonattainment for the 8-hour Ozone or the PM_{2.5} NAAQS.

2. Cultural/Archeological/Tribal Resources (DoD Question #229-237):

- a. Many installations have historical, archeological, cultural and Tribal sites of interest. These sites and access to them often must be maintained, or consultation is typically required before changes can be made. The sites and any buffers surrounding them may reduce the quantity or quality of land or airspace available for training and maneuvers or even construction of new facilities. The presence of such sites needs to be recognized, but the fact that restrictions actually occur is the overriding factor the data call is trying to identify. A programmatic agreement with the State Historic Preservation Office (SHPO) facilitates management of these sites.
- b. No historic property has been identified on RIVERBANK AAP. There is no programmatic agreement for historic property in place with the SHPO. It does not have sites with high archeological potential identified.

3. Dredging (DoD Question # 226-228):

- a. Dredging allows for free navigation of vessels through ports, channels, and rivers. Identification of sites with remaining capacity for the proper disposal of dredge spoil is the primary focus of the profile. However, the presence of unexploded ordnance or any other impediment that restricts the ability to dredge is also a consideration.
- b. RIVERBANK AAP has no impediments to dredging.

4. Land Use Constraints/Sensitive Resource Areas (DoD Question #198-201, 238, 240-247, 254-256, 273):

- a. Land use can be encroached from both internal and external pressures. This resource area combines several different types of possible constraints. It captures the variety of constraints not otherwise covered by other areas that could restrict operations or development. The areas include electromagnetic radiation or emissions, environmental restoration sites (on and off installation), military

munitions response areas, explosive safety quantity distance arcs, treaties, underground storage tanks, sensitive resource areas, as well as policies, rules, regulations, and activities of other federal, state, tribal and local agencies. This area also captures other constraining factors from animals and wildlife that are not endangered but cause operational restrictions. This resource area specifically includes information on known environmental restoration costs through FY03 and the projected cost-to-complete the restoration.

- b. RIVERBANK AAP reports that 25 unconstrained acres are available for development out of 173 total acres. RIVERBANK AAP has spent \$50.200000000000003M thru FY03 for environmental restoration, and has estimated the remaining Cost to Complete at \$10M. RIVERBANK AAP does not have Explosive Safety Quantity Distance Arcs.

5. Marine Mammal/Marine Resources/Marine Sanctuaries (DoD Question #248-250, 252-253):

- a. This area captures the extent of any restrictions on near shore or open water testing, training or operations as a result of laws protecting Marine Mammals, Essential Fish Habitat, and other related marine resources.
- b. RIVERBANK AAP is not 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.

6. Noise (DoD Question # 202-209, 239):

- a. Military operations, particularly aircraft operations and weapons firing, may generate noise that can impact property outside of the installation. Installations with significant noise will typically generate maps that predict noise levels. These maps are then used to identify whether the noise levels are compatible with land uses in these noise-impacted areas. Installations will often publish noise abatement procedures to mitigate these noise impacts.
- b. RIVERBANK AAP does not have noise contours that extend off the installation's property. It has published noise abatement procedures for the main installation.

7. Threatened and Endangered Species/Critical Habitat (DoD Question #259-264)

- a. The presence of threatened and endangered species (TES) can result in restrictions on training, testing and operations. They serve to reduce buildable acres and maneuver space. The data in this section reflects listed TES as well as candidate species, designated critical habitat as well as proposed habitat, and restrictions from Biological Opinions. The legally binding conditions in Biological Opinions are designed to protect TES, and critical habitat. The data call seeks to identify the presence of the resource, TES, candidate or critical habitat, even if they don't result in restrictions, as well places where restrictions do exist.
- b. RIVERBANK AAP reported that federally-listed TES are not present, candidate species are not present, critical habitat is not present, and the installation does not have a Biological Opinion.

8. Waste Management (DoD Question # 265-272):

- a. This resource area identifies whether the installation has existing waste treatment and/or disposal capabilities, whether there is additional capacity, and in some case whether the waste facility can accept off-site waste. This area includes Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal facilities, solid waste disposal facilities, RCRA Subpart X (open/burning/open detonation) and operations.

- b. RIVERBANK AAP has a permitted RCRA Treatment Storage and Disposal Facility (TSDF) . RIVERBANK AAP does not have an interim or final RCRA Part X facility . RIVERBANK AAP does not have an on-base solid waste disposal facility .

9. Water Resources (DoD Question # 258, 274-299):

- a. This resource area asks about the condition of ground and surface water, and the legal status of water rights. Water is essential for installation operations and plays a vital role in the proper functioning of the surrounding ecosystems. Contamination of ground or surface waters can result in restrictions on training and operations and require funding to study and remediate. Federal clean water laws require states to identify impaired waters and to restrict the discharge of certain pollutants into those waters. Federal safe drinking water laws can require alternative sources of water and restrict activities above groundwater supplies particularly sole source aquifers. Water resources are also affected by the McCarran Amendment (1952), where Congress returned substantial power to the states with respect to the management of water. The amendment requires that the Federal government waive its sovereign immunity in cases involving the general adjudication of water rights. On the other hand existence of Federal Reserve Water Rights can provide more ability to the government to use water on federal lands.
- b. RIVERBANK AAP does not discharge to an impaired waterway. Groundwater contamination is reported. Surface water contamination is not reported.
(The following water quantity data is from DoD Question # 282, 291, 297, 822, 825, 826):
RIVERBANK AAP has 5409.8000000000002 Acre-Feet of surplus water potentially available for expansion. On average, it uses 0.068 MGD of potable and non-potable water, with the capacity to produce 5.04 MGD. It processed on average 0.0299 MGD of domestic wastewater in the peak month (past 3 years), with the capacity to process 0.5759999999999996 MGD. It processed on average 0.07 MGD of industrial wastewater in the peak month (past 3 years), with the capacity to process 1.5 MGD.

10. Wetlands (DoD Question # 251, 257):

- a. The existence of jurisdictional wetlands poses restraints on the use of land for training, testing or operations. In the data call the installations were asked to report the presence of jurisdictional wetlands and compare the percent of restricted acres to the total acres. The presence of jurisdictional wetlands may reduce the ability of an installation to assume new or different missions, even if they do not presently pose restrictions, by limiting the availability of land.
- b. RIVERBANK AAP reported no wetland restricted acres on the main installation, and no wetland restricted acres on ranges.

INSTALLATION ENVIRONMENTAL PROFILE

SCRANTON AAP

1. Air Quality (DoD Question #210-225):

- a. The Clean Air Act (CAA) establishes health-based standards for air quality and all areas of the country are monitored to determine if they meet the standards. A major limiting factor is whether the installation is in an area designated nonattainment or maintenance (air quality is not meeting the standard) and is therefore subject to more stringent requirements, including the CAA General Conformity Rule. Conformity requires that any new emissions from military sources brought into the area must be offset by credits or accounted for in the State Implementation Plan (SIP) emissions budget. The criteria pollutants of concern include: CO, O₃ (1 hour & 8 Hour), and PM (PM₁₀, and PM_{2.5}). Installations in attainment areas are not restricted, while activities for installations in non-attainment areas may be restricted. Non-attainment areas are classified as to the degree of non-attainment: Marginal, Moderate, Serious, and in the case of O₃, Severe and Extreme. SIP Growth Allowances and Emission Reduction Credits are tools that can be used to accommodate increased emissions in a manner that conforms to a state's SIP. All areas of the country require operating permits if emissions from stationary sources exceed certain threshold amounts. Major sources already exceed the amount and are subject to permit requirements. Synthetic minor means the base has accepted legal limits to its emissions to stay under the major source threshold. Natural or true minor means the actual and potential emissions are below the threshold.
- b. SCRANTON AAP is in Marginal Nonattainment for Ozone (1 hr). SCRANTON AAP is proposed to be in Nonattainment for Ozone (8 hour). It holds a CAA Synthetic Minor Operating Permit. No emission credit program available. A SIP growth allowance has been allocated for this installation. SCRANTON AAP is in an area projected or proposed to be designated nonattainment for the 8-hour Ozone or the PM_{2.5} NAAQS.

2. Cultural/Archeological/Tribal Resources (DoD Question #229-237):

- a. Many installations have historical, archeological, cultural and Tribal sites of interest. These sites and access to them often must be maintained, or consultation is typically required before changes can be made. The sites and any buffers surrounding them may reduce the quantity or quality of land or airspace available for training and maneuvers or even construction of new facilities. The presence of such sites needs to be recognized, but the fact that restrictions actually occur is the overriding factor the data call is trying to identify. A programmatic agreement with the State Historic Preservation Office (SHPO) facilitates management of these sites.
- b. Historic property has been identified on SCRANTON AAP. There is no programmatic agreement for historic property in place with the SHPO. It does not have sites with high archeological potential identified.

3. Dredging (DoD Question # 226-228):

- a. Dredging allows for free navigation of vessels through ports, channels, and rivers. Identification of sites with remaining capacity for the proper disposal of dredge spoil is the primary focus of the profile. However, the presence of unexploded ordnance or any other impediment that restricts the ability to dredge is also a consideration.
- b. SCRANTON AAP has no impediments to dredging.

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- a. Land use can be encroached from both internal and external pressures. This resource area combines several different types of possible constraints. It captures the variety of constraints not otherwise covered by other areas that could restrict operations or development. The areas include electromagnetic radiation or emissions, environmental restoration sites (on and off installation), military munitions response areas, explosive safety quantity distance arcs, treaties, underground storage tanks, sensitive resource areas, as well as policies, rules, regulations, and activities of other federal, state, tribal and local agencies. This area also captures other constraining factors from animals and wildlife

that are not endangered but cause operational restrictions. This resource area specifically includes information on known environmental restoration costs through FY03 and the projected cost-to-complete the restoration.

- b. SCRANTON AAP reports that 0 unconstrained acres are available for development out of 15 total acres. SCRANTON AAP has spent \$0M thru FY03 for environmental restoration, and has estimated the remaining Cost to Complete at \$0M. SCRANTON AAP does not have Explosive Safety Quantity Distance Arcs.

5. Marine Mammal/Marine Resources/Marine Sanctuaries (DoD Question #248-250, 252-253):

- a. This area captures the extent of any restrictions on near shore or open water testing, training or operations as a result of laws protecting Marine Mammals, Essential Fish Habitat, and other related marine resources.
- b. SCRANTON AAP is not 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.

6. Noise (DoD Question # 202-209, 239):

- a. Military operations, particularly aircraft operations and weapons firing, may generate noise that can impact property outside of the installation. Installations with significant noise will typically generate maps that predict noise levels. These maps are then used to identify whether the noise levels are compatible with land uses in these noise-impacted areas. Installations will often publish noise abatement procedures to mitigate these noise impacts.
- b. SCRANTON AAP does not have noise contours that extend off the installation's property. It does not have published noise abatement procedures for the main installation.

7. Threatened and Endangered Species/Critical Habitat (DoD Question #259-264)

- a. The presence of threatened and endangered species (TES) can result in restrictions on training, testing and operations. They serve to reduce buildable acres and maneuver space. The data in this section reflects listed TES as well as candidate species, designated critical habitat as well as proposed habitat, and restrictions from Biological Opinions. The legally binding conditions in Biological Opinions are designed to protect TES, and critical habitat. The data call seeks to identify the presence of the resource, TES, candidate or critical habitat, even if they don't result in restrictions, as well places where restrictions do exist.
- b. SCRANTON AAP reported that federally-listed TES are not present, candidate species are not present, critical habitat is not present, and the installation does not have a Biological Opinion.

8. Waste Management (DoD Question # 265-272):

- a. This resource area identifies whether the installation has existing waste treatment and/or disposal capabilities, whether there is additional capacity, and in some case whether the waste facility can accept off-site waste. This area includes Resource Conservation and Recovery Act (RCRA) Treatment, Storage and Disposal facilities, solid waste disposal facilities, RCRA Subpart X (open/burning/open detonation) and operations.
- b. SCRANTON AAP does not have a permitted RCRA Treatment Storage and Disposal Facility (TSDF). SCRANTON AAP does not have an interim or final RCRA Part X facility. SCRANTON AAP does not have an on-base solid waste disposal facility.

9. Water Resources (DoD Question # 258, 274-299):

- a. This resource area asks about the condition of ground and surface water, and the legal status of water rights. Water is essential for installation operations and plays a vital role in the proper functioning of the surrounding ecosystems. Contamination of ground or surface waters can result in restrictions on training and operations and require funding to study and remediate. Federal clean water laws require states to identify impaired waters and to restrict the discharge of certain pollutants into those waters. Federal safe drinking water laws can require alternative sources of water and restrict activities above groundwater supplies particularly sole source aquifers. Water resources are also affected by the McCarran Amendment (1952), where Congress returned substantial power to the states with respect to the management of water. The amendment requires that the Federal government waive its sovereign immunity in cases involving the general adjudication of water rights. On the other hand existence of Federal Reserve Water Rights can provide more ability to the government to use water on federal lands.
- b. SCRANTON AAP discharges to an impaired waterway. Groundwater contamination is reported. Surface water contamination is not reported.
(The following water quantity data is from DoD Question # 282, 291, 297, 822, 825, 826):
SCRANTON AAP has 557.2999999999995 Acre-Feet of surplus water potentially available for expansion. On average, it uses .16 MGD of potable and non-potable water, with the capacity to produce 0.699999999999996 MGD. It processed on average 0 MGD of domestic wastewater in the peak month (past 3 years), with the capacity to process 0.699999999999996 MGD. It processed on average 0.149999999999999 MGD of industrial wastewater in the peak month (past 3 years), with the capacity to process 0.699999999999996 MGD.

10. Wetlands (DoD Question # 251, 257):

- a. The existence of jurisdictional wetlands poses restraints on the use of land for training, testing or operations. In the data call the installations were asked to report the presence of jurisdictional wetlands and compare the percent of restricted acres to the total acres. The presence of jurisdictional wetlands may reduce the ability of an installation to assume new or different missions, even if they do not presently pose restrictions, by limiting the availability of land.
- b. SCRANTON AAP reported no wetland restricted acres on the main installation, and no wetland restricted acres on ranges.



IND-0116 – NSWC Indian Head

Candidate Recommendation: Realign NSWC Indian Head, MD by relocating the Bomb Energetic production function to McAlester AAP, OK and the 5” Navy Gun Projectile, Grenade (PBX), and Signals functions to Crane AAA, IN.

Justification

- ✓ Realignment removes redundancies
- ✓ Establishes multifunctional and fully work-loaded Munitions Centers of excellence that support readiness.
- ✓ Indian Head continues to produce munitions needed to support their R&D efforts.

Military Value

- ✓ Munitions Production Facilities
 - Indian Head 5th of 16
 - McAlester 1st of 16
 - Crane 4th of 16

Payback

- ✓ One-time cost: \$4.688M
- ✓ Net implementation cost: \$4.654M
- ✓ Annual recurring savings: \$0.034M
- ✓ Payback time: 100+ years
- ✓ NPV (cost): \$3.856M

Impacts

- ✓ Criteria 6: -7 jobs (4 direct, 3 indirect); <0.1%
- ✓ Criteria 7: No issues
- ✓ Criteria 8: Modifications required for air and waste water permits. No impediments.

✓ Strategy

✓ Capacity Analysis / Data Verification

✓ JCSG/MilDep Recommended

✓ De-conflicted w/JCSGs

✓ COBRA

✓ Military Value Analysis / Data Verification

✓ Criteria 6-8 Analysis

✓ De-conflicted w/MilDeps

Candidate Recommendation #IND-0116

Candidate Recommendation: Realign NSWC Indian Head, MD by relocating the Bomb Energetic production function to McAlester AAP, OK and the 5” Navy Gun Projectile, Grenade (PBX), and Signals functions to Crane AAA, IN.

Justification: This realignment removes redundancy and supports the development of multi-functional fully work-loaded Munitions Centers of Excellence that support readiness for all the Services. This decision will allow Indian Head to continue to produce the munitions needed to support their Research and Development efforts.

Payback: The total estimated one-time cost to the Department of Defense to implement this recommendation is \$2.59M. The net of all costs and savings to the Department during the implementation period is a cost of \$2.56M. Annual recurring savings to the Department after implementation are \$0.03M with a payback expected in 100+ years. The net present value of the costs and savings to the Department over 20 years is a cost of \$2.00M.

Impacts

Economic Impact: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 7 jobs (4 direct jobs and 3 indirect jobs) over the period 2006-2011 in the Washington-Arlington-Alexandria, DC-VA-MD metropolitan division, which is less than 0.1 percent of economic area employment.

Community Infrastructure: A review of community attributes indicates no issues regarding the ability of the infrastructure of the community to support missions, forces, and personnel.

Environmental Impact: This recommendation may have an impact on air quality and water resources at Indian Head. The additional mission may require modifications to air and wastewater permits. The recommendation has no impact on cultural, archeological, or tribal resources; dredging; land use constraints or sensitive resource areas; marine mammals, resources, or sanctuaries; noise; threatened and endangered species or critical habitat; waste management; or wetlands. This recommendation will require an Air Conformity Analysis and a Realignment NEPA at Crane and McAlester. The approximately \$2.1M cost of these actions was included in the payback calculation. This recommendation does not otherwise impact the costs of environmental restoration, waste management, and environmental compliance activities.

Candidate Recommendation #IND-0116

Supporting Information

Known or Potential Conflicts: Scenarios TECH-0002 and TECH-0043 are potential conflicts. If the technical capabilities are realigned out of NSWC Indian Head Division the production capabilities need to be realigned also.

Capacity Analysis: This recommendation eliminates 2800 Production Units.

Military Value Analysis:

This recommendation relocates bomb energetic production from NWSC Indian Head which has a quantitative military value score of 0.4877 (5th of 16 munitions production locations) to McAlester AAP has a quantitative military value score of 0.5967 (1st of 16 munitions production locations). The recommendation also relocates the 5” Navy projectile, grenade (PBX), and signals functions from NWSC Indian Head which has a quantitative military value score of 0.4877 (5th of 16 munitions production locations) to Crane AAA which has a quantitative military value score of 0.5218 (4th of 16 munitions production locations). Every action relocates functions from an installation with lower military value to an installation with a higher military value.

COBRA Reports: Attached

Criterion Six Report: Attached

Criterion Seven Report: Attached

Criterion Eight Report: Attached

Summary of Scenario Environmental Impacts: Attached

Force Structure Capabilities: Based upon certified data call to the Military Departments regarding capacity and capability requirements, each Service verified that their response either met or exceeded the capability requirements dictated by the 20-Year Force Structure Plan. This scenario is consistent with their capability requirements.

Candidate Recommendation #IND-0122

Candidate Recommendation: Close Lone Star Army Ammunition Plant (AAP), TX. Relocate the Storage and Demilitarization functions to McAlester AAP, IL. Relocate the 105MM and 155MM ICM Artillery, MLRS Artillery, Hand Grenades, 60MM and 81MM Mortars functions to Milan AAP, TN. Relocate Mines and Detonators/Relays/Delays functions to Iowa AAP, IA. Relocate Demolition Charges functions to Crane Army Ammunition Activity (AAA), IN.

Justification: Capacity and capability for Artillery, Mortars, Missiles, Pyro/Demo, and Storage exists at numerous munitions sites. There are 8 sites producing Artillery, 5 producing Mortars, 9 producing Pyro-Demo, 15 performing storage, and 9 performing Demilitarization. To reduce redundancy and remove excess from the Industrial Base, the closure allows DoD to create centers of excellence, avoid single point failure, and generate efficiencies. Goal is to establish multi-functional sites performing Demilitarization, Production, Maintenance, and Storage. Lone Star primarily performs only one of the 4 functions.

Payback: The total estimated one-time cost to the Department of Defense to implement this recommendation is \$61.09M. The net of all costs and savings to the Department during the implementation period is a savings of \$22.09M. Annual recurring savings to the Department after implementation are \$25.77M with a payback expected immediately. The Net Present Value of the costs and savings to the Department over 20 years is a savings of \$259.85M.

Impacts:

Economic Impact: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 229 jobs. (149 direct jobs and 80 indirect jobs) over the period of 2006-2011 in the Texarkana, TX-Texarkana, AR metropolitan statistical area, which is 0.34 percent of economic area employment.

Community Infrastructure: A review of community attributes indicates no issues regarding the ability of the infrastructure of the community to support missions, forces, and personnel.

Environmental Impact: This recommendation may have minor impact on air quality at Iowa AAP. A New Source Review is required for new construction of a detonator facility as well as permits for a lead treatment facility. Surveys and consultation with the State Historic Preservation Officer will be required at Lone Star to ensure protection of cultural resources. Remediation of munitions contaminants on three operational ranges may be required at Lone Star. Federally listed species at Lone Star include the American Alligator. Continued management and/or deed restrictions at Lone Star may be necessary

to ensure future protection. Special waste management areas at Lone Star include RCRA, TSD, solid waste disposal facility, and OB/OD area. Restoration, monitoring/sweeps, access controls, and/or deed restrictions may be required to prevent disturbance and health/safety risks from these areas. Groundwater contamination issues at Lone Star include Benzene, Dichloroethene, cis-1, 2, -dichlorethene, and Vinyl Chloride. Surface water contamination at Lone Star includes cadmium, copper, zinc, lead, and barium. Restoration and/or monitoring of contaminated media may be required after closure. Lone Star has an industrial wastewater treatment plan that may require closure. This recommendation has no impact on dredging; land use constraints or sensitive resource areas; marine mammals, resources, or sanctuaries; noise; or wetlands. Environmental Impact Statements will be required at Lone Star, McAlester, Milan, Iowa and Crane at a total cost of approximately \$5M. An environmental baseline survey will be required at Lone Star at a cost of approximately \$300K. A new Source Review will be required at Iowa at a cost of approximately \$100K. An Air Conformity Analysis will be required at Crane at a cost of approximately \$50K. The approximately \$5.45M cost for these actions was included in the payback calculation. This recommendation does not otherwise impact the costs of environmental restoration, waste management, and environmental compliance activities.

Candidate Recommendation #IND-0122

Supporting Information

Known or Potential Conflicts:

Capacity Analysis: Attached. Closure eliminated 24.144M production units.

Military Value Analysis: Details are attached. This recommendation relocates the storage and demilitarization functions from Lone Star Army Ammunition Plant, which has a quantitative military value score of 0.0089 for storage (21st of 23 storage locations) and 0.0071 for demilitarization (12th of 13 demilitarization locations) to McAlester, which has quantitative military value score of 0.6168 for storage (1st of 23 storage locations) and 0.6995 for demilitarization (3rd of 13 demilitarization locations). This recommendation relocates various munitions production functions from Lone Star Army Ammunition Plant, which has a quantitative military value score of 0.5319 for munitions production (3rd of 16 munitions production locations) to Milan, which has a quantitative military value score of 0.5708 for munitions production (2nd of 16 munitions production locations); to Iowa, which has a quantitative military value score of 0.3144 for munitions production (6th of 16 munitions production locations); and to Crane, which has a quantitative military value score of 0.5219 for munitions production (4th of 16 munitions production locations). Although Lone Star has a higher quantitative military value score for production than Iowa or Crane, it is not as capable as those two. Military judgment demands a reduction of redundancies and the retention of sites that are currently producing commodities; therefore, the ongoing production output of Iowa and Crane outweighs the mostly idle capacity available at Lone Star. Furthermore, for demilitarization, Iowa has a quantitative military value score of 0.1420 and Crane has a score of 0.2971 compared to a score of 0.0071 for Lone Star. For storage and distribution, Iowa has a quantitative military value score of 0.0642 and Crane has a score of 0.4131 compared to a score of 0.0090 for Lone Star. Therefore, it is the military judgment of the Industrial Joint Cross Service Group that the multiple other functions performed at Iowa and Crane at significantly higher quantitative military value scores than Lone Star provide agility, efficiency and responsiveness commensurate with established BRAC 2005 principles and warrant the closure of Lone Star. Average Military Value score for all sites performing Demilitarization, Production, and Storage, with Lone Star in the calculation, is .2415. With the closure of Lone Star, the average Military Value score increases to .2451.

COBRA Reports: Attached

Criterion Six Report: Attached

Criterion Seven Report: Attached

Criterion Eight Summary of Scenario Environmental Impacts: Attached

Force Structure Capabilities: Based upon certified data call to the Military Departments regarding capacity and capability requirements, each Service verified that their response either met or exceeded the capability requirements dictated by the 20-Year Force Structure Plan. This scenario is consistent with their capability requirements.

Candidate Recommendation #IND-0122

Candidate Recommendation: Close Lone Star Army Ammunition Plant (AAP), TX. Relocate the Storage and Demilitarization functions to McAlester AAP, IL. Relocate the 105MM and 155MM ICM Artillery, MLRS Artillery, Hand Grenades, 60MM and 81MM Mortars functions to Milan AAP, TN. Relocate Mines and Detonators/Relays/Delays functions to Iowa AAP, IA. Relocate Demolition Charges functions to Crane Army Ammunition Activity (AAA), IN.

Justification: Capacity and capability for Artillery, Mortars, Missiles, Pyro/Demo, and Storage exists at numerous munitions sites. There are 8 sites producing Artillery, 5 producing Mortars, 9 producing Pyro-Demo, 15 performing storage, and 9 performing Demilitarization. To reduce redundancy and remove excess from the Industrial Base, the closure allows DoD to create centers of excellence, avoid single point failure, and generate efficiencies. Goal is to establish multi-functional sites performing Demilitarization, Production, Maintenance, and Storage. Lone Star primarily performs only one of the 4 functions.

Payback: The total estimated one-time cost to the Department of Defense to implement this recommendation is \$61.09M. The net of all costs and savings to the Department during the implementation period is a savings of \$22.09M. Annual recurring savings to the Department after implementation are \$25.77M with a payback expected immediately. The Net Present Value of the costs and savings to the Department over 20 years is a savings of \$259.85M.

Impacts:

Economic Impact: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 229 jobs (149 direct jobs and 80 indirect jobs) over the period of 2006-2011 in the Texarkana, TX-Texarkana, AR metropolitan statistical area, which is 0.34 percent of economic area employment.

Community Infrastructure: A review of community attributes indicates no issues regarding the ability of the infrastructure of the community to support missions, forces, and personnel.

Environmental Impact: This recommendation may have minor impact on air quality at Iowa AAP. A New Source Review is required for new construction of a detonator facility as well as permits for a lead treatment facility. Surveys and consultation with the State Historic Preservation Officer will be required at Lone Star to ensure protection of cultural resources. Remediation of munitions contaminants on three operational ranges may be required at Lone Star. Federally listed species at Lone Star include the American Alligator. Continued management and/or deed restrictions at Lone Star may be necessary

to ensure future protection. Special waste management areas at Lone Star include RCRA, TSD, solid waste disposal facility, and OB/OD area. Restoration, monitoring/sweeps, access controls, and/or deed restrictions may be required to prevent disturbance and health/safety risks from these areas. Groundwater contamination issues at Lone Star include Benzene, Dichloroethene, cis-1, 2, -dichlorethene, and Vinyl Chloride. Surface water contamination at Lone Star includes cadmium, copper, zinc, lead, and barium. Restoration and/or monitoring of contaminated media may be required after closure. Lone Star has an industrial wastewater treatment plan that may require closure. This recommendation has no impact on dredging; land use constraints or sensitive resource areas; marine mammals, resources, or sanctuaries; noise; or wetlands. Environmental Impact Statements will be required at Lone Star, McAlester, Milan, Iowa and Crane at a total cost of approximately \$5M. An environmental baseline survey will be required at Lone Star at a cost of approximately \$300K. A new Source Review will be required at Iowa at a cost of approximately \$100K. An Air Conformity Analysis will be required at Crane at a cost of approximately \$50K. The approximately \$5.45M cost for these actions was included in the payback calculation. This recommendation does not otherwise impact the costs of environmental restoration, waste management, and environmental compliance activities.

Candidate Recommendation #IND-0122

Supporting Information

Known or Potential Conflicts:

Capacity Analysis: Attached. Closure eliminated 24.144M production units.

Military Value Analysis: Details are attached. This recommendation relocates the storage and demilitarization functions from Lone Star Army Ammunition Plant, which has a quantitative military value score of 0.0089 for storage (21st of 23 storage locations) and 0.0071 for demilitarization (12th of 13 demilitarization locations) to McAlester, which has quantitative military value score of 0.6168 for storage (1st of 23 storage locations) and 0.6995 for demilitarization (3rd of 13 demilitarization locations). This recommendation relocates various munitions production functions from Lone Star Army Ammunition Plant, which has a quantitative military value score of 0.5319 for munitions production (3rd of 16 munitions production locations) to Milan, which has a quantitative military value score of 0.5708 for munitions production (2nd of 16 munitions production locations); to Iowa, which has a quantitative military value score of 0.3144 for munitions production (6th of 16 munitions production locations); and to Crane, which has a quantitative military value score of 0.5219 for munitions production (4th of 16 munitions production locations). Although Lone Star has a higher quantitative military value score for production than Iowa or Crane, it is not as capable as those two. Military judgment demands a reduction of redundancies and the retention of sites that are currently producing commodities; therefore, the ongoing production output of Iowa and Crane outweighs the mostly idle capacity available at Lone Star. Furthermore, for demilitarization, Iowa has a quantitative military value score of 0.1420 and Crane has a score of 0.2971 compared to a score of 0.0071 for Lone Star. For storage and distribution, Iowa has a quantitative military value score of 0.0642 and Crane has a score of 0.4131 compared to a score of 0.0090 for Lone Star. Therefore, it is the military judgment of the Industrial Joint Cross Service Group that the multiple other functions performed at Iowa and Crane at significantly higher quantitative military value scores than Lone Star provide agility, efficiency and responsiveness commensurate with established BRAC 2005 principles and warrant the closure of Lone Star. Average Military Value score for all sites performing Demilitarization, Production, and Storage, with Lone Star in the calculation, is .2415. With the closure of Lone Star, the average Military Value score increases to .2451.

COBRA Reports: Attached

Criterion Six Report: Attached

Criterion Seven Report: Attached

Criterion Eight Summary of Scenario Environmental Impacts: Attached

Force Structure Capabilities: Based upon certified data call to the Military Departments regarding capacity and capability requirements, each Service verified that their response either met or exceeded the capability requirements dictated by the 20-Year Force Structure Plan. This scenario is consistent with their capability requirements.



#IND-0122: LONE STAR AAP

Candidate Recommendation: Close Lone Star Army Ammunition Plant, TX. Relocate the Storage and Demilitarization functions to McAlester AAP, IL. Relocate the 105MM and 155MM ICM Artillery, MLRS Artillery, Hand Grenades, 60MM and 81MM Mortars functions to Milan AAP, TN. Relocate Mines and Detonators/Relays/Delays functions to Iowa AAP, IA. Relocate Demolition Charges functions to Crane AAA, IN.

<u>Justification</u>	<u>Military Value</u>
<ul style="list-style-type: none"> ✓ Capacity and capability for Artillery, Mortars, Missiles, Pyro/Demo, and Storage exists at numerous munitions sites. ✓ 8 sites produce Artillery; 5 produce Mortars; 9 produce Pyro/Demo; 15 perform Storage; 9 perform Demilitarization ✓ Closure reduces redundancy and creates centers of excellence 	<ul style="list-style-type: none"> ✓ Lone Star: Demil 12th of 13; Production 3rd of 16; Storage/Distro 21st of 23 ✓ McAlester: Demil 3rd of 13; Storage/Dist 1st of 23; ✓ Milan: Production 2nd of 16; ✓ Iowa: Production 6th of 16; ✓ Crane: Production 4th of 16 ✓ Military judgment supports retention of sites with ongoing production output vice idle capacity
<u>Payback</u>	<u>Impacts</u>
<ul style="list-style-type: none"> ✓ One time cost: \$61.09M ✓ Net implementation savings: \$22.089M ✓ Annual recurring savings: \$25.772M ✓ Payback Time: Immediately ✓ NPV (savings): \$259.852M 	<ul style="list-style-type: none"> ✓ Criterion 6: -229 jobs (149 direct, 80 indirect); 0.34% ✓ Criterion 7: No Issues ✓ Criterion 8: air quality, cultural, T&E, water & waste mgmt issues. No impediments.

- ✓ Strategy
- ✓ COBRA

- ✓ Capacity Analysis / Data Verification
- ✓ Military Value Analysis / Data Verification

- ✓ JCSG Recommended
- ✓ Criteria 6-8 Analysis

- ✓ De-conflicted w/JCSGs
- ✓ De-conflicted w/Services



#IND-0122: LONE STAR AAP

Candidate Recommendation: Close Lone Star Army Ammunition Plant, TX. Relocate the Storage and Demilitarization functions to McAlester AAP, IL. Relocate the 105MM and 155MM ICM Artillery, MLRS Artillery, Hand Grenades, 60MM and 81MM Mortars functions to Milan AAP, TN. Relocate Mines and Detonators/Relays/Delays functions to Iowa AAP, IA. Relocate Demolition Charges functions to Crane AAA, IN.

<u>Justification</u>	<u>Military Value</u>
<ul style="list-style-type: none"> ✓ Capacity and capability for Artillery, Mortars, Missiles, Pyro/Demo, and Storage exists at numerous munitions sites. ✓ 8 sites produce Artillery; 5 produce Mortars; 9 produce Pyro/Demo; 15 perform Storage; 9 perform Demilitarization ✓ Closure reduces redundancy and creates centers of excellence 	<ul style="list-style-type: none"> ✓ Lone Star: Demil 12th of 13; Production 3rd of 16; Storage/Distro 21st of 23 ✓ McAlester: Demil 3rd of 13; Storage/Dist 1st of 23; ✓ Milan: Production 2nd of 16; ✓ Iowa: Production 6th of 16; ✓ Crane: Production 4th of 16 ✓ Military judgment supports retention of sites with ongoing production output vice idle capacity
<u>Payback</u>	<u>Impacts</u>
<ul style="list-style-type: none"> ✓ One time cost: \$61.09M ✓ Net implementation savings: \$22.089M ✓ Annual recurring savings: \$25.772M ✓ Payback Time: Immediately ✓ NPV (savings): \$259.852M 	<ul style="list-style-type: none"> ✓ Criterion 6: -229 jobs (149 direct, 80 indirect); 0.34% ✓ Criterion 7: No Issues ✓ Criterion 8: air quality, cultural, T&E, water & waste mgmt issues. No impediments.

- ✓ Strategy
- ✓ COBRA

- ✓ Capacity Analysis / Data Verification
- ✓ Military Value Analysis / Data Verification

- ✓ JCSG Recommended
- ✓ Criteria 6-8 Analysis

- ✓ De-conflicted w/JCSGs
- ✓ De-conflicted w/Services

#IND-0111: RED RIVER MUNITIONS CENTER



Candidate Recommendation: Close Red River Munitions Center, TX. Relocate Storage, Demilitarization, and Munitions Maintenance functions to McAlester AAP, OK. Relocate Munitions Maintenance functions to Blue Grass Army Depot, KY.

Justification

- ✓ Capacity and capability for Munitions Storage, Demil, and Maintenance exists at numerous munitions sites.
- ✓ Closure reduces redundancy and removes excess from the Industrial Base
- ✓ Allows DoD to create centers of excellence, generate efficiencies and create deployment networks servicing all Services

Military Value

- ✓ Red River: Storage/Dist 4th of 23; Demil 7th of 13; Maintenance 6th of 10
- ✓ McAlester: Storage/Dist 1st of 23; Demil 3rd of 13; Maintenance 4th of 10
- ✓ Blue Grass: Maintenance 1st of 10

Payback

- ✓ One-Time Cost: \$110.3M
- ✓ Net Implementation Cost: \$72.7M
- ✓ Annual Recurring Savings: \$14.9M
- ✓ Payback Period: 7 Years
- ✓ NPV (savings): \$71.1M

Impacts

- ✓ Criterion 6: -207 jobs (124 Direct/83 Indirect); 0.3%
- ✓ Criterion 7: No Issues
- ✓ Criterion 8: Historic, land constraints, and waste mgmt. No impediments.

Candidate Recommendation #IND-0111

Candidate Recommendation: Close Red River Munitions Center, TX. Relocate the storage, demilitarization, and munitions maintenance functions to McAlester AAP, OK. Relocate Munitions Maintenance functions to Blue Grass Army depot, KY.

Justification: Capacity and capability for Munitions Storage, Demilitarization, and Maintenance exists at numerous munitions sites. To reduce redundancy and remove excess from the Industrial Base, the closure allows DoD to create centers of excellence, generate efficiencies, and create deployment networks servicing all Services.

Payback: The total estimated one-time cost to the Department of Defense to implement this recommendation is \$110.3M. The net of all costs and savings to the Department during the implementation period is a cost of \$72.7M. Annual recurring savings to the Department after implementation are \$14.9 M with a payback expected in 7 years. The net present value of the costs and savings to the Department over 20 years is a savings of \$71.1M.

Impacts:

Economic Impact on Communities: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 207 jobs (124 direct jobs and 83 indirect jobs) over the period 2006-2011 in the Texarkana, TX-Texarkana, AR metropolitan statistical area, which is 0.3 percent of the economic area employment.

Community Infrastructure: A review of community attributes indicates no issues regarding the ability of the infrastructure of the community to support missions, forces, and personnel.

Environmental Impact: This recommendation may have a positive impact on air quality at Red River by reducing OB/OD emissions. This recommendation has the potential for historic impacts for Red River Munitions Center. Survey and consultation with the SHPO required to ensure protection of cultural resources. Restoration and/or monitoring of contaminated media will likely be required at Red River. Red River has RCRA TSD facility and RCRA Subpart X permit. Restoration, monitoring/sweeps, access controls and/or deed restrictions may be required to prevent disturbance and health/safety risks from these areas. The recommendation has no impact on dredging; marine mammals, resources, or sanctuaries; noise; threatened and endangered species or critical habitat, and wetlands. This recommendation will require an Environmental Baseline Survey at the losing location and Environmental Impact Statements at both the losing and gaining locations. The estimate of \$2.3M cost of these actions was included in the payback

calculation. This recommendation does not otherwise impact the costs of environmental restoration, waste management, and environmental compliance activities.

Candidate Recommendation #IND-0111 Supporting Information

Known or Potential Conflicts: No known conflicts.

Capacity Analysis: Attached

Military Value Analysis: Details are attached. This recommendation relocates the storage, demilitarization, and munitions maintenance missions from Red River Munitions Center which has a quantitative military value score of 0.329818 for storage and distribution (4th of 23 storage and distribution locations); 0.16709 for demilitarization (7th of 13 demilitarization locations); and 0.199950 for munitions maintenance (6th of 10 munitions maintenance locations) to McAlester Army Ammunition Plant which has a quantitative military value score of 0.616807 for storage and distribution (1st of 23 storage and distribution locations); 0.699519 for demilitarization (3rd of 13 demilitarization locations); and 0.260126 for munitions maintenance (4th of 10 munitions maintenance locations). The recommendation also relocates munitions maintenance from Red River Munitions Center, which has a quantitative military value score of 0.199951 for munitions maintenance (6th of 10 maintenance locations) to Blue Grass Army Depot which has a quantitative military value score of 0.635891 (1st of 10 maintenance locations). In each case the mission is moving to a location of higher military value.

COBRA Reports: Attached

Criterion Six Report: Attached

Criterion Seven Report: Attached

Criterion Eight Summary of Scenario Environmental Impacts: Attached

Force Structure Capabilities: Based upon certified data call to the Military Departments regarding capacity and capability requirements, each Service verified that their response either met or exceeded the capability requirements dictated by the 20-Year Force Structure Plan. This scenario is consistent with their capability requirements.



#IND-0112: RIVERBANK AAP

Candidate Recommendation: Close Riverbank Army Ammunition Plant, CA. Relocate the artillery cartridge case metal parts functions to Rock Island Arsenal, IL.

Justification

- ✓ 4 sites within the Industrial Base produce Metal Parts.
- ✓ Closure allows DoD to generate efficiencies and nurture partnership with multiple sources in the private sector.

Military Value

- ✓ Riverbank: Metal Parts Production 3rd of 4
- ✓ Rock Island: Armaments Production 1st of 3
- ✓ Military judgment deems Rock Island as most cost efficient destination for this mission, providing highest overall military value because of similar existing job skills plus available buildings and land

Payback

- ✓ One time cost: \$26.03M
- ✓ Net implementation savings: \$8.17M
- ✓ Annual recurring savings: \$9.18M
- ✓ Payback Time: Immediate
- ✓ NPV (savings): \$92.46M

Impacts

- ✓ Criterion 6: -106 jobs (89 direct, 17 indirect); 0.05%
- ✓ Criterion 7: No Issues
- ✓ Criterion 8: Air quality, water resources, and waste management issues. No impediments.

- ✓ Strategy
- ✓ COBRA

- ✓ Capacity Analysis / Data Verification
- ✓ Military Value Analysis / Data Verification

- ✓ JCSG Recommended
- ✓ Criteria 6-8 Analysis

- ✓ De-conflicted w/JCSGs
- ✓ De-conflicted w/Services

Candidate Recommendation #IND-0112

Candidate Recommendation: Close Riverbank Army Ammunition Plant, CA. Relocate the artillery cartridge case metal parts functions to Rock Island Arsenal, IL.

Justification: There are 4 sites within the Industrial Base producing Metal Parts. To remove excess from the Industrial Base, the closure allows DoD to generate efficiencies and nurture partnership with multiple sources in the private sector.

Payback: The total estimated one-time cost to the Department of Defense to implement this recommendation is \$26.03M. The net of all costs and savings to the Department during the implementation period is a savings of \$8.17M. Annual recurring savings to the Department after implementation are \$9.18M with a payback expected immediately. The net present value of the costs and savings to the Department over 20 years is a savings of \$92.64M.

Impacts:

Economic Impact: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 106 jobs (89 direct jobs and 17 indirect jobs) over the 2006 – 2011 period in the Modesto, CA metropolitan statistical area, which is less than 0.1 percent of economic area employment.

Community Infrastructure: A review of community attributes indicates no issues regarding the ability of the infrastructure of the community to support missions, forces, and personnel.

Environmental Impacts: This recommendation has the potential to impact air quality at Rock Island Arsenal. A new Source Review will be needed for new construction and the added operations will require an Air Conformity analysis to determine the impact. Continued management and/or deed restrictions at Riverbank will be necessary to ensure future protection of federally listed species. Riverbank has a RCRA TSD facility. Restoration, monitoring/sweeps, access controls, and/or deed restrictions may be required for these areas to prevent disturbance, health and safety risks, and/or long-term release of toxins to environmental media. Riverbank also has a domestic wastewater treatment facility that may require cleanup. This recommendation has the potential for a minor impact on water resources at Rock Island. Additional industrial functions may require purchase of additional wastewater services from publicly owned utility. The addition of industrial functions may require installation of pollution controls to avoid contributing to status of impaired waterway. There are environmental media contamination issues at Riverbank which include cyanide and hexavalent chromium groundwater contamination. Restoration and/or monitoring of contaminated media will likely be required after closure in order to prevent significant long-term impacts to the environment. This recommendation has no impact on cultural, archeological, or tribal resources; dredging; land use constraints or sensitive resource areas; marine mammals, resources, or

sanctuaries; noise; or wetlands. This recommendation will require Environmental Impact Statements at Rock Island and Riverbank at a cost of approximately \$1M each. This recommendation will also require an environmental baseline survey at Riverbank, and an air conformity analysis and a new source review analysis with permit modifications at Rock Island. The estimated \$2.45M cost for these actions was included in the payback calculation. Riverbank currently has approximately \$10.5 M in restoration costs to complete environmental restoration at that location. Because the Department of Defense has the legal obligation to conduct this clean-up regardless of whether Riverbank is closed, these costs were not included in the payback calculation. This recommendation does not otherwise impact the costs of environmental restoration, waste management, and environmental compliance activities.

Candidate Recommendation #IND-0112

Supporting Information

Known or Potential Conflicts:

Capacity Analysis: Attached. Closure eliminates 1.068M production units.

Military Value Analysis: Details are attached. This recommendation relocates the munitions production mission from Riverbank Army Ammunition Plant, which has a quantitative military value score of 0.10747 for munitions production (14th of 16 munitions production locations and 3rd of 4 for munitions metal parts production) to Rock Island Arsenal, which has quantitative military value score of 0.95202 for armaments production (1st of 3 armaments production locations). Although Riverbank and Rock Island compete in different functions, it is the military judgment of the Industrial Joint Cross Service Group that the skills needed to produce artillery cartridge case metal parts already exist at Rock Island along with sufficient empty space in existing buildings to house this production function without new construction. Average Military Value score for all sites performing Munitions Production workload, with Riverbank in the calculation, is 0.3026. With the closure of Riverbank, the average Military Value score increases to 0.3156.

COBRA Reports: Attached

Criterion Six Report: Attached

Criterion Seven Report: Attached

Criterion Eight Summary of Scenario Environmental Impacts: Attached

Force Structure Capabilities: Based upon certified data call to the Military Departments regarding capacity and capability requirements, each Service verified that their response either met or exceeded the capability requirements dictated by the 20-Year Force Structure Plan. This scenario is consistent with their capability requirements.



#IND-0112: RIVERBANK AAP

Candidate Recommendation: Close Riverbank Army Ammunition Plant, CA. Relocate the artillery cartridge case metal parts functions to Rock Island Arsenal, IL.

Justification

- ✓ 4 sites within the Industrial Base produce Metal Parts.
- ✓ Closure allows DoD to generate efficiencies and nurture partnership with multiple sources in the private sector.

Military Value

- ✓ Riverbank: Metal Parts Production 3rd of 4
- ✓ Rock Island: Armaments Production 1st of 3
- ✓ Military judgment deems Rock Island as most cost efficient destination for this mission, providing highest overall military value because of similar existing job skills plus available buildings and land

Payback

- ✓ One time cost: \$26.03M
- ✓ Net implementation savings: \$8.17M
- ✓ Annual recurring savings: \$9.18M
- ✓ Payback Time: Immediate
- ✓ NPV (savings): \$92.46M

Impacts

- ✓ Criterion 6: -106 jobs (89 direct, 17 indirect); 0.05%
- ✓ Criterion 7: No Issues
- ✓ Criterion 8: Air quality, water resources, and waste management issues. No impediments.

- ✓ Strategy
- ✓ COBRA

- ✓ Capacity Analysis / Data Verification
- ✓ Military Value Analysis / Data Verification

- ✓ JCSG Recommended
- ✓ Criteria 6-8 Analysis

- ✓ De-conflicted w/JCSGs
- ✓ De-conflicted w/Services

Candidate Recommendation #IND-0112

Candidate Recommendation: Close Riverbank Army Ammunition Plant, CA. Relocate the artillery cartridge case metal parts functions to Rock Island Arsenal, IL.

Justification: There are 4 sites within the Industrial Base producing Metal Parts. To remove excess from the Industrial Base, the closure allows DoD to generate efficiencies and nurture partnership with multiple sources in the private sector.

Payback: The total estimated one-time cost to the Department of Defense to implement this recommendation is \$26.03M. The net of all costs and savings to the Department during the implementation period is a savings of \$8.17M. Annual recurring savings to the Department after implementation are \$9.18M with a payback expected immediately. The net present value of the costs and savings to the Department over 20 years is a savings of \$92.64M.

Impacts:

Economic Impact: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 106 jobs (89 direct jobs and 17 indirect jobs) over the 2006 – 2011 period in the Modesto, CA metropolitan statistical area, which is less than 0.1 percent of economic area employment.

Community Infrastructure: A review of community attributes indicates no issues regarding the ability of the infrastructure of the community to support missions, forces, and personnel.

Environmental Impacts: This recommendation has the potential to impact air quality at Rock Island Arsenal. A new Source Review will be needed for new construction and the added operations will require an Air Conformity analysis to determine the impact. Continued management and/or deed restrictions at Riverbank will be necessary to ensure future protection of federally listed species. Riverbank has a RCRA TSD facility. Restoration, monitoring/sweeps, access controls, and/or deed restrictions may be required for these areas to prevent disturbance, health and safety risks, and/or long-term release of toxins to environmental media. Riverbank also has a domestic wastewater treatment facility that may require cleanup. This recommendation has the potential for a minor impact on water resources at Rock Island. Additional industrial functions may require purchase of additional wastewater services from publicly owned utility. The addition of industrial functions may require installation of pollution controls to avoid contributing to status of impaired waterway. There are environmental media contamination issues at Riverbank which include cyanide and hexavalent chromium groundwater contamination. Restoration and/or monitoring of contaminated media will likely be required after closure in order to prevent significant long-term impacts to the environment. This recommendation has no impact on cultural, archeological, or tribal resources; dredging; land use constraints or sensitive resource areas; marine mammals, resources, or

sanctuaries; noise; or wetlands. This recommendation will require Environmental Impact Statements at Rock Island and Riverbank at a cost of approximately \$1M each. This recommendation will also require an environmental baseline survey at Riverbank, and an air conformity analysis and a new source review analysis with permit modifications at Rock Island. The estimated \$2.45M cost for these actions was included in the payback calculation. This recommendation does not otherwise impact the costs of environmental restoration, waste management, and environmental compliance activities.

Candidate Recommendation #IND-0112

Supporting Information

Known or Potential Conflicts:

Capacity Analysis: Attached. Closure eliminates 1.068M production units.

Military Value Analysis: Details are attached. This recommendation relocates the munitions production mission from Riverbank Army Ammunition Plant, which has a quantitative military value score of 0.10747 for munitions production (14th of 16 munitions production locations and 3rd of 4 for munitions metal parts production) to Rock Island Arsenal, which has quantitative military value score of 0.95202 for armaments production (1st of 3 armaments production locations). Although Riverbank and Rock Island compete in different functions, it is the military judgment of the Industrial Joint Cross Service Group that the skills needed to produce artillery cartridge case metal parts already exist at Rock Island along with sufficient empty space in existing buildings to house this production function without new construction. Average Military Value score for all sites performing Munitions Production workload, with Riverbank in the calculation, is 0.3026. With the closure of Riverbank, the average Military Value score increases to 0.3156.

COBRA Reports: Attached

Criterion Six Report: Attached

Criterion Seven Report: Attached

Criterion Eight Summary of Scenario Environmental Impacts: Attached

Force Structure Capabilities: Based upon certified data call to the Military Departments regarding capacity and capability requirements, each Service verified that their response either met or exceeded the capability requirements dictated by the 20-Year Force Structure Plan. This scenario is consistent with their capability requirements.

IJCSG – Munitions & Armaments Capacity Report

<i>Function</i>	<i>Site</i>	<i>Current Capacity*</i>	<i>Current Usage*</i>	<i>Maximum Capacity*</i>	<i>Capacity Required To Surge*</i>	<i>Available Surge/Excess Capacity*</i>
Munitions Production						
	CRANE ARMY AMMUNITION ACTIVITY	513,720.0	31,486.0	684,360.0	0	652,874.0
	HOLSTON AAP	300,000.0	957,340.0	1,300,000.0	0	342,660.0
	IOWA AAP	224,692.0	31,490.0	232,692.0	0	201,202.0
	KANSAS ARMY AMMUNITION PLANT	535,992.0	246.0	3,581,828.0	0	3,581,582.0
	LAKE CITY AAP	71,030,000.0	60,680,400.0	86,937,000.0	0	26,256,600.0
	LONE STAR AAP	24,143,996.0	664,901.0	24,143,996.0	0	23,479,095.0
	LOUISIANA AAP	0.0	0.0	20,000.0	0	20,000.0
	MCALESTER AAP	39,625.0	15,187.0	64,627.0	0	49,440.0
	MILAN AAP	1,150,275.0	324,440.0	1,160,475.0	0	836,035.0
	MISSISSIPPI AAP	0.0	0.0	4,000,000.0	0	4,000,000.0
	NAVSURFWARCENDIV_INDIAN_HEAD_MD	514,687.0	34,913.0	965,607.0	0	930,694.0
	NSWC_INDIAN_HEAD_DET_YORKTOWN	3,510.0	4.0	3,510.0	0	3,506.0
	PINE BLUFF ARSENAL	154,200.0	45,058.0	585,080.0	0	540,022.0
	RADFORD AAP	171,376.0	1,407,986.0	1,420,387.0	0	12,401.0
	RIVERBANK AAP	15,000.0	5,000.0	1,068,000.0	0	1,063,000.0
	SCRANTON AAP	46,000.0	37,000.0	50,000.0	0	13,000.0

- Capacity is measured in dlh(k) for Armaments Production/Manufacturing and Munitions Maintenance functions; short tons for Munitions Demilitarization; and lbs or each(s) as applicable for Munitions Production.

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IJCSG – Munitions & Armaments Capacity Report

<i>Function</i>	<i>Site</i>	<i>Current Capacity*</i>	<i>Current Usage*</i>	<i>Maximum Capacity*</i>	<i>Capacity Required To Surge*</i>	<i>Available Surge/Excess Capacity*</i>
MUNITIONS DEMILITARIZATION						
	ANNISTON ARMY	20,237	2125	20,237	0	18,112
	BLUE GRASS ARMY	9,497	638	10,897	0	10,259
	CRANE ARMY	5,446	2275.58	5,995	0	3,719
	DESERET CHEMICAL	1	1	1.4	0	0
	HAWTHORNE ARMY	31,373	0	31,373	0	31,373
	IOWA AAP	243	243.4	243	0	0
	KANSAS ARMY	325	6	336	0	330
	LAKE CITY AAP	176	161	235	0	74
	LETTERKENNY	3,418	465.68	6,444	0	5,978
	LONE STAR AAP	696	395.25	1,270	0	875
	MCALESTER AAP	8,795	788	8,795	0	8,007
	PINE BLUFF	12	0.4	11	0	10
	RED RIVER ARMY	6,660	192.407	7,992	0	7,800
	TOOELE ARMY	11,581	750.6	4,4431	0	43,680

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IJCSG – Munitions & Armaments Capacity Report

<i>Function</i>	<i>Site</i>	<i>Current Capacity*</i>	<i>Current Usage*</i>	<i>Maximum Capacity*</i>	<i>Capacity Required To Surge*</i>	<i>Available Surge/Excess Capacity*</i>
Munitions Production						
	CRANE ARMY AMMUNITION ACTIVITY	513,720.0	31,486.0	684,360.0	0	652,874.0
	HOLSTON AAP	300,000.0	957,340.0	1,300,000.0	0	342,660.0
	IOWA AAP	224,692.0	31,490.0	232,692.0	0	201,202.0
	KANSAS ARMY AMMUNITION PLANT	535,992.0	246.0	3,581,828.0	0	3,581,582.0
	LAKE CITY AAP	71,030,000.0	60,680,400.0	86,937,000.0	0	26,256,600.0
	LONE STAR AAP	24,143,996.0	664,901.0	24,143,996.0	0	23,479,095.0
	LOUISIANA AAP	0.0	0.0	20,000.0	0	20,000.0
	MCALESTER AAP	39,625.0	15,187.0	64,627.0	0	49,440.0
	MILAN AAP	1,150,275.0	324,440.0	1,160,475.0	0	836,035.0
	MISSISSIPPI AAP	0.0	0.0	4,000,000.0	0	4,000,000.0
	NAVSURFWARCENDIV_INDIAN_HEAD_MD	514,687.0	34,913.0	965,607.0	0	930,694.0
	NSWC_INDIAN_HEAD_DET_YORKTOWN	3,510.0	4.0	3,510.0	0	3,506.0
	PINE BLUFF ARSENAL	154,200.0	45,058.0	585,080.0	0	540,022.0
	RADFORD AAP	171,376.0	1,407,986.0	1,420,387.0	0	12,401.0
	RIVERBANK AAP	15,000.0	5,000.0	1,068,000.0	0	1,063,000.0
	SCRANTON AAP	46,000.0	37,000.0	50,000.0	0	13,000.0

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IJCSG – Munitions & Armaments Capacity Report

<i>Function</i>	<i>Site</i>	<i>Current Capacity*</i>	<i>Current Usage*</i>	<i>Maximum Capacity*</i>	<i>Capacity Required To Surge*</i>	<i>Available Surge/Excess Capacity*</i>
Munitions Storage						
	ANNISTON ARMY DEPOT	463,670	327,015	463,670	0	136,654
	BLUE GRASS ARMY	924,055	739,379	924,055	0	184,676
	CRANE ARMY	1,139,743	818,929	1,139,743	0	320,814
	DESERET CHEMICAL	167,061	127,451	167,061	0	39,610
	HAWTHORNE ARMY	1,468,599	864,896	1,468,599	0	603,703
	HOLSTON AAP	47,276	10,555	47,276	0	36,721
	IOWA AAP	266,228	117,283	266,228	0	148,945
	KANSAS ARMY	218,754	154,081	218,754	0	64,674
	LAKE CITY AAP	219,400	219,400	219,400	0	0
	LETTERKENNY ARMY	545,942	327,062	545,942	0	218,880
	LONE STAR AAP	210,149	168,123	210,149	0	42,026
	LOUISIANA AAP	81,550	63,003	81,550	0	18,547
	MCALESTER AAP	1,613,618	987,850	1,613,618	0	625,768
	MILAN AAP	505,354	137,540	505,354	0	367,814
	MISSISSIPPI AAP	24,551	0	24,551	0	24,551
	NEWPORT CHEM	2,703	2,703	2,703	0	0
	PINE BLUFF ARSENAL	925,043	862,543	925,043	0	62,500
	PUEBLO CHEM DEPOT	343,722	37,653	343,722	0	306,069
	RADFORD AAP	107,320	74,746	107,320	0	32,573
	RED RIVER ARMY DEPOT	419,563	280,206	419,563	0	139,357
	SIERRA ARMY DEPOT	1,057,051	196,978	1,057,051	0	860,073
	TOOELE ARMY DEPOT	757,273	460,641	757,273	0	296,632

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<i>Function</i>	<i>Site</i>	<i>Current Capacity*</i>	<i>Current Usage*</i>	<i>Maximum Capacity*</i>	<i>Capacity Required To Surge*</i>	<i>Available Surge/Excess Capacity*</i>
Armaments Production/Manufacturing						
	LIMA ARMY TANK PLT	866.9	666.2	3,525.6	0	2,859.4
	ROCK ISLAND ARSENAL	1,296.0	605.4	1,491.7	0	886.3
	WATERVLIET ARSENAL	627.1	304.9	1,343.1	0	1,038.2

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IJCSG – Munitions & Armaments Capacity Report

<i>Function</i>	<i>Site</i>	<i>Current Capacity*</i>	<i>Current Usage*</i>	<i>Maximum Capacity*</i>	<i>Capacity Required To Surge*</i>	<i>Available Surge/Excess Capacity*</i>
Munitions Production						
	CRANE ARMY AMMUNITION ACTIVITY	513,720.0	31,486.0	684,360.0	0	652,874.0
	HOLSTON AAP	300,000.0	957,340.0	1,300,000.0	0	342,660.0
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	LAKE CITY AAP	71,030,000.0	60,680,400.0	86,937,000.0	0	26,256,600.0
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	MCALESTER AAP	39,625.0	15,187.0	64,627.0	0	49,440.0
	MILAN AAP	1,150,275.0	324,440.0	1,160,475.0	0	836,035.0
	MISSISSIPPI AAP**	0.0	0.0	4,000,000.0	0	4,000,000.0
	NAVSURFWARCENDIV_INDIAN_HEAD_MD	514,687.0	34,913.0	965,607.0	0	930,694.0
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	PINE BLUFF ARSENAL	154,200.0	45,058.0	585,080.0	0	540,022.0
	RADFORD AAP	171,376.0	1,407,986.0	1,420,387.0	0	12,401.0
	RIVERBANK AAP	15,000.0	5,000.0	1,068,000.0	0	1,063,000.0
	SCRANTON AAP	46,000.0	37,000.0	50,000.0	0	13,000.0

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Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

Costs in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	-----	-----
MilCon	0	0	0	0	0	0	0	0
Person	0	0	0	124	0	0	124	0
Overhd	121	91	68	178	38	29	525	0
Moving	0	15,000	0	35	0	0	15,035	0
Missio	0	0	0	0	0	0	0	0
Other	0	8,150	0	398	248	1,548	10,345	0
TOTAL	121	23,241	68	736	286	1,577	26,029	0

Savings in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	-----	-----
MilCon	0	0	0	3,544	0	0	3,544	0
Person	0	0	0	133	266	266	665	266
Overhd	2,642	2,642	2,642	6,950	6,950	8,158	29,985	8,918
Moving	0	0	0	0	0	0	0	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	2,642	2,642	2,642	10,627	7,216	8,424	34,194	9,184

COBRA PERSONNEL SUMMARY REPORT (COBRA v6.04)

Data As Of 1/25/2005 9:12:30 AM, Report Created 1/25/2005 10:35:49 AM

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PERSONNEL SUMMARY FOR: RIVERBANK AAP, CA (06742)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: RIVERBANK AAP, CA (06742)

Officers	Enlisted	Students	Civilians
0	0	0	4

SCENARIO POSITION CHANGES FOR: RIVERBANK AAP, CA (06742)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Civilians	0	0	0	-4	0	0	-4
TOTAL	0	0	0	-4	0	0	-4

BASE POPULATION (After BRAC Action) FOR: RIVERBANK AAP, CA (06742)

Officers	Enlisted	Students	Civilians
0	0	0	0

PERSONNEL SUMMARY FOR: SCRANTON AAP, PA (42783)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: SCRANTON AAP, PA (42783)

Officers	Enlisted	Students	Civilians
0	0	0	11

BASE POPULATION (After BRAC Action) FOR: SCRANTON AAP, PA (42783)

Officers	Enlisted	Students	Civilians
0	0	0	11

PERSONNEL SUMMARY FOR: BASE X (ARMY), US (XARMY)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
519	2,836	1,189	1,841

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: BASE X (ARMY), US (XARMY)

	2006	2007	2008	2009	2010	2011	Total
Officers	1	0	0	0	0	0	1
Enlisted	12	0	3	-3	0	0	12
Students	-25	12	0	-48	0	0	-61
Civilians	12	0	-2	1	0	0	11
TOTAL	0	12	1	-50	0	0	-37

BASE POPULATION (Prior to BRAC Action) FOR: BASE X (ARMY), US (XARMY)

Officers	Enlisted	Students	Civilians
520	2,848	1,128	1,852

BASE POPULATION (After BRAC Action) FOR: BASE X (ARMY), US (XARMY)

Officers	Enlisted	Students	Civilians
520	2,848	1,128	1,852

PERSONNEL SUMMARY FOR: ROCK ISLAND, IL (17755)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
110	143	0	5,300

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
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 Std Fctrs File : C:\Documents and Settings\dcalderswood\Desktop\COBRA 6.04\BRAC2005.SFF

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: ROCK ISLAND, IL (17755)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	1	0	0	0	0	0	1
Students	0	0	0	0	0	0	0
Civilians	0	0	-1	-1	0	0	-2
TOTAL	1	0	-1	-1	0	0	-1

BASE POPULATION (Prior to BRAC Action) FOR: ROCK ISLAND, IL (17755)

Officers	Enlisted	Students	Civilians
110	144	0	5,298

BASE POPULATION (After BRAC Action) FOR: ROCK ISLAND, IL (17755)

Officers	Enlisted	Students	Civilians
110	144	0	5,298

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
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Base	Personnel			
	Start*	Finish*	Change	%Change
RIVERBANK AAP	4	0	-4	-100%
SCRANTON AAP	11	11	0	0%
BASE X (ARMY)	6,348	6,348	0	0%
ROCK ISLAND	5,552	5,552	0	0%
TOTAL	11,915	11,911	-4	0%

Base	Square Footage				
	Start	Finish	Change	%Change	Chg/Per
RIVERBANK AAP	707,000	0	-707,000	-100%	176,750
SCRANTON AAP	378,000	378,000	0	0%	0
BASE X (ARMY)	6,388,460	6,388,460	0	0%	0
ROCK ISLAND	6,750,000	6,750,000	0	0%	0
TOTAL	14,223,460	13,516,460	-707,000	-5%	176,750

Base	Base Operations Support (2005\$)				
	Start*	Finish*	Change	%Change	Chg/Per
RIVERBANK AAP	1,208,530	0	-1,208,530	-100%	302,132
SCRANTON AAP	0	0	0	0%	0
BASE X (ARMY)	22,654,632	22,654,632	0	0%	0
ROCK ISLAND	35,157,696	35,157,696	0	0%	0
TOTAL	59,020,858	57,812,328	-1,208,530	-2%	302,132

Base	Sustainment (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
RIVERBANK AAP	5,066,890	0	-5,066,890	-100%	1,266,722
SCRANTON AAP	1,411,180	1,411,180	0	0%	0
BASE X (ARMY)	12,146,048	12,146,048	0	0%	0
ROCK ISLAND	14,943,150	14,943,150	0	0%	0
TOTAL	33,567,268	28,500,378	-5,066,890	-15%	1,266,722

Base	Recapitalization (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
RIVERBANK AAP	2,642,447	0	-2,642,447	-100%	660,612
SCRANTON AAP	956,133	956,133	0	0%	0
BASE X (ARMY)	14,044,679	14,044,679	0	0%	0
ROCK ISLAND	11,451,213	11,451,213	0	0%	0
TOTAL	29,094,472	26,452,024	-2,642,447	-9%	660,612

Department : Industrial
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Base	Sustain + Recap + BOS (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
RIVERBANK AAP	8,917,867	0	-8,917,867	-100%	2,229,467
SCRANTON AAP	2,367,313	2,367,313	0	0%	0
BASE X (ARMY)	48,845,358	48,845,358	0	0%	0
ROCK ISLAND	61,552,060	61,552,060	0	0%	0
TOTAL	121,682,598	112,764,731	-8,917,867	-7%	2,229,467

Base	Plant Replacement Value (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
RIVERBANK AAP	272,172,080	0	-272,172,080	-100%	68,043,020
SCRANTON AAP	98,481,670	98,481,670	0	0%	0
BASE X (ARMY)	1,165,708,330	1,165,708,330	0	0%	0
ROCK ISLAND	1,179,474,940	1,179,474,940	0	0%	0
TOTAL	2,715,837,020	2,443,664,940	-272,172,080	-10%	68,043,020

* "Start" and "Finish" values for Personnel and BOS both include the Programmed Installation Population (non-BRAC) Changes, so that only changes attributable to the BRAC action are reflected in the "Change" columns of this report.

Department : Industrial
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ONE-TIME COSTS -----(\$K)-----	2006 ----	2007 ----	2008 ----	2009 ----	2010 ----	2011 ----	Total -----
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIF	0	0	0	115	0	0	115
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPP	0	0	0	35	0	0	35
RITA	0	0	0	0	0	0	0
FREIGHT							
Packing	0	0	0	0	0	0	0
Freight	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	9	0	0	9
OTHER							
Info Tech	0	0	0	0	0	0	0
Prog Manage	121	91	68	51	38	29	397
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	0	0	127	0	0	127
1-Time Move	0	15,000	0	0	0	0	15,000
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	1,150	0	248	248	1,548	3,195
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	7,000	0	150	0	0	7,150
TOTAL ONE-TIME	121	23,241	68	736	286	1,577	26,029

Department : Industrial
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RECURRINGCOSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
 TOTAL COST	 121	 23,241	 68	 736	 286	 1,577	 26,029	 0
ONE-TIME SAVES	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	3,544	0	0	3,544	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	0	3,544	0	0	3,544	
RECURRINGSAVES	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	4,307	4,307	4,307	12,920	5,067
Recap	2,642	2,642	2,642	2,642	2,642	2,642	15,855	2,642
BOS	0	0	0	0	0	1,208	1,209	1,208
Civ Salary	0	0	0	133	266	266	665	266
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	2,642	2,642	2,642	7,083	7,216	8,424	30,650	9,184
TOTAL SAVINGS	2,642	2,642	2,642	10,627	7,216	8,424	34,194	9,184

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

ONE-TIME NET -----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	
CONSTRUCTION								
MILCON	0	0	0	-3,544	0	0	-3,544	
O&M								
Civ Retir/RIF	0	0	0	115	0	0	115	
Civ Moving	0	0	0	35	0	0	35	
Info Tech	0	0	0	0	0	0	0	
Other	121	15,091	68	187	38	29	15,533	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	1,150	0	248	248	1,548	3,195	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	7,000	0	150	0	0	7,150	
TOTAL ONE-TIME	121	23,241	68	-2,808	286	1,577	19,290	
RECURRING NET -----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	-4,307	-4,307	-4,307	-12,920	-5,067
Recap	-2,642	-2,642	-2,642	-2,642	-2,642	-2,642	-15,855	-2,642
BOS	0	0	0	-0	-0	-1,208	-1,209	-1,208
Civ Salary	0	0	0	-133	-266	-266	-665	-266
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	-2,642	-2,642	-2,642	-7,083	-7,216	-8,424	-30,650	-9,184
TOTAL NET COST	-2,521	20,598	-2,574	-9,891	-6,929	-6,847	-8,165	-9,184

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

Base: RIVERBANK AAP, CA (06742)

ONE-TIME COSTS -----(\$K)-----	2006 ----	2007 ----	2008 ----	2009 ----	2010 ----	2011 ----	Total -----
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	115	0	0	115
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPP	0	0	0	35	0	0	35
RITA	0	0	0	0	0	0	0
FREIGHT							
Packing	0	0	0	0	0	0	0
Freight	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	9	0	0	9
OTHER							
Info Tech	0	0	0	0	0	0	0
Prog Manage	121	91	68	51	38	29	397
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	0	0	127	0	0	127
1-Time Move	0	15,000	0	0	0	0	15,000
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	248	248	1,548	2,045
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	150	0	0	150
TOTAL ONE-TIME	121	15,091	68	736	286	1,577	17,879

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

Base: RIVERBANK AAP, CA (06742)

RECURRINGCOSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
O&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL COSTS	121	15,091	68	736	286	1,577	17,879	0
ONE-TIME SAVES								
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	3,544	0	0	3,544	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	0	3,544	0	0	3,544	
RECURRINGSAVES								
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	4,307	4,307	4,307	12,920	5,067
Recap	2,642	2,642	2,642	2,642	2,642	2,642	15,855	2,642
BOS	0	0	0	0	0	1,208	1,209	1,208
Civ Salary	0	0	0	133	266	266	665	266
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	2,642	2,642	2,642	7,083	7,216	8,424	30,650	9,184
TOTAL SAVINGS	2,642	2,642	2,642	10,627	7,216	8,424	34,194	9,184

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

Base: RIVERBANK AAP, CA (06742)

ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	-3,544	0	0	-3,544	
O&M								
Civ Retir/RIF	0	0	0	115	0	0	115	
Civ Moving	0	0	0	35	0	0	35	
Info Tech	0	0	0	0	0	0	0	
Other	121	15,091	68	187	38	29	15,533	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	0	248	248	1,548	2,045	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	150	0	0	150	
TOTAL ONE-TIME	121	15,091	68	-2,808	286	1,577	14,335	
RECURRING NET								
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	0	0	0	-4,307	-4,307	-4,307	-12,920	-5,067
Recap	-2,642	-2,642	-2,642	-2,642	-2,642	-2,642	-15,855	-2,642
BOS	0	0	0	-0	-0	-1,208	-1,209	-1,208
Civ Salary	0	0	0	-133	-266	-266	-665	-266
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	-2,642	-2,642	-2,642	-7,083	-7,216	-8,424	-30,650	-9,184
TOTAL NET COST	-2,521	12,448	-2,574	-9,891	-6,929	-6,847	-16,315	-9,184

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

Base: SCRANTON AAP, PA (42783)	2006	2007	2008	2009	2010	2011	Total
ONE-TIME COSTS	----	----	----	----	----	----	----
-----(\$K)-----							
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPP	0	0	0	0	0	0	0
RITA	0	0	0	0	0	0	0
FREIGHT							
Packing	0	0	0	0	0	0	0
Freight	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Info Tech	0	0	0	0	0	0	0
Prog Manage	0	0	0	0	0	0	0
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	0	0	0	0

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

Base: BASE X (ARMY), US (XARMY)	2006	2007	2008	2009	2010	2011	Total
ONE-TIME COSTS	----	----	----	----	----	----	----
-----(\$K)-----							
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPP	0	0	0	0	0	0	0
RITA	0	0	0	0	0	0	0
FREIGHT							
Packing	0	0	0	0	0	0	0
Freight	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Info Tech	0	0	0	0	0	0	0
Prog Manage	0	0	0	0	0	0	0
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	0	0	0	0

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

Base: ROCK ISLAND, IL (17755)	2006	2007	2008	2009	2010	2011	Total
ONE-TIME COSTS	----	----	----	----	----	----	----
-----(\$K)-----							
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIFs	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPP	0	0	0	0	0	0	0
RITA	0	0	0	0	0	0	0
FREIGHT							
Packing	0	0	0	0	0	0	0
Freight	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Unemployment	0	0	0	0	0	0	0
OTHER							
Info Tech	0	0	0	0	0	0	0
Prog Manage	0	0	0	0	0	0	0
Supt Contrac	0	0	0	0	0	0	0
Mothball	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	1,150	0	0	0	0	1,150
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	7,000	0	0	0	0	7,000
TOTAL ONE-TIME	0	8,150	0	0	0	0	8,150

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

Base: ROCK ISLAND, IL (17755)								
ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	-----
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	0	0	0	0	0	0	
Civ Moving	0	0	0	0	0	0	0	
Info Tech	0	0	0	0	0	0	0	
Other	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	1,150	0	0	0	0	1,150	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	7,000	0	0	0	0	7,000	
TOTAL ONE-TIME	0	8,150	0	0	0	0	8,150	
RECURRING NET								
-----(\$K)-----	2006	2007	2008	2009	2010	2011	Total	Beyond
-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS								
O&M	0	0	0	0	0	0	0	0
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission Activ	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL NET COST	0	8,150	0	0	0	0	8,150	0

COBRA ECONOMIC IMPACT REPORT (COBRA v6.04)

Data As Of 1/25/2005 9:12:30 AM, Report Created 1/25/2005 10:35:49 AM

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

RIVERBANK AAP, CA (06742)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	0	0	0	0	0
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	0	4	0	0	4
NET CHANGE-Civ	0	0	0	-4	0	0	-4
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	0	0	0

SCRANTON AAP, PA (42783)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	0	0	0	0	0
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	0	0	0	0	0	0	0
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	0	0	0

BASE X (ARMY), US (XARMY)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	0	0	0	0	0
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	0	0	0	0	0	0	0
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	0	0	0

ROCK ISLAND, IL (17755)

	2006	2007	2008	2009	2010	2011	Total
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	0	0	0	0	0
NET CHANGE-Mil	0	0	0	0	0	0	0
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	0	0	0	0	0
NET CHANGE-Civ	0	0	0	0	0	0	0
Jobs Gained-Stu	0	0	0	0	0	0	0
Jobs Lost-Stu	0	0	0	0	0	0	0
NET CHANGE-Stu	0	0	0	0	0	0	0

SCENARIO ERROR REPORT (COBRA v6.04)

Data As Of 1/25/2005 9:12:30 AM, Report Created 1/25/2005 10:35:49 AM

Department : Industrial
Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
AAP_ALT_01242005_uncertified.CBR
Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

SCENARIO DATA:

"Industrial" is not a recognized Department.

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcaldерwood\Desktop\COBRA 6.04\BRAC2005.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 2006
 Model does Time-Phasing of Construction/Shutdown: Yes

Base Name, ST (Code)	Strategy:
-----	-----
RIVERBANK AAP, CA (06742)	Closes in FY 2011
SCRANTON AAP, PA (42783)	Realignment
BASE X (ARMY), US (XARMY)	Realignment
ROCK ISLAND, IL (17755)	Realignment

INPUT SCREEN TWO - DISTANCE TABLE
 (Only shows distances where personnel or equipment are moving)

Point A:	Point B:	Distance:
-----	-----	-----

INPUT SCREEN THREE - MOVEMENT TABLE

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: RIVERBANK AAP, CA (06742)

Total Officer Employees:	0	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	0	Total Sustainment(\$K/Year):	5,115
Total Student Employees:	0	Sustain Payroll (\$K/Year):	48
Total Civilian Employees:	4	BOS Non-Payroll (\$K/Year):	1,208
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	0
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	272,172
Starting Facilities(KSF):	707	Svc/Agcy Recap Rate (Years):	103
Officer BAH (\$/Month):	1,439	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	1,040		
Civ Locality Pay Factor:	1.109	TRICARE	In-Pat Out-Pat
Area Cost Factor:	1.17		Admits Visits Prescrip
Per Diem Rate (\$/Day):	99	CostFactor	0.00 0.00 0.00
Freight Cost (\$/Ton/Mile):	0.33	Actv MTF	0 0 0
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	0 0 0
Latitude:	37.716670	Retiree	0 0 0
Longitude:	-120.933330	Retiree65+	0 0 0

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: SCRANTON AAP, PA (42783)

Total Officer Employees:	0	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	0	Total Sustainment(\$K/Year):	1,411
Total Student Employees:	0	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	11	BOS Non-Payroll (\$K/Year):	0
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	0
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	98,482
Starting Facilities(KSF):	378	Svc/Agcy Recap Rate (Years):	103
Officer BAH (\$/Month):	877	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	769		
Civ Locality Pay Factor:	1.109	TRICARE	In-Pat Out-Pat
Area Cost Factor:	1.05		Admits Visits Prescrip
Per Diem Rate (\$/Day):	95	CostFactor	0.00 0.00 0.00
Freight Cost (\$/Ton/Mile):	0.33	Actv MTF	0 0 0
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	0 0 0
Latitude:	41.400000	Retiree	0 0 0
Longitude:	-75.666670	Retiree65+	0 0 0

Name: BASE X (ARMY), US (XARMY)

Total Officer Employees:	519	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	2,836	Total Sustainment(\$K/Year):	14,139
Total Student Employees:	1,189	Sustain Payroll (\$K/Year):	1,993
Total Civilian Employees:	1,841	BOS Non-Payroll (\$K/Year):	22,705
Accomp Mil not Receiving BAH:	0.1%	BOS Payroll (\$K/Year):	26,990
Officer Housing Units Avail:	7	Family Housing (\$K/Year):	889
Enlisted Housing Units Avail:	28	Installation PRV(\$K):	1,165,708
Starting Facilities(KSF):	6,388	Svc/Agcy Recap Rate (Years):	83
Officer BAH (\$/Month):	1,376	Homeowner Assistance Program:	No
Enlisted BAH (\$/Month):	1,025		
Civ Locality Pay Factor:	1.130	TRICARE	In-Pat Out-Pat
Area Cost Factor:	1.06		Admits Visits Prescrip
Per Diem Rate (\$/Day):	137	CostFactor	3,023.56 53.81 13.34
Freight Cost (\$/Ton/Mile):	0.33	Actv MTF	631 69,897 55,713
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	182 5,751
Latitude:	0.000000	Retiree	177 18,165 39,595
Longitude:	0.000000	Retiree65+	145 8,953 36,694

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: ROCK ISLAND, IL (17755)

Total Officer Employees:	110	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	143	Total Sustainment (\$K/Year):	14,943
Total Student Employees:	0	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	5,300	BOS Non-Payroll (\$K/Year):	35,160
Accomp Mil not Receiving BAH:	0.4%	BOS Payroll (\$K/Year):	39,861
Officer Housing Units Avail:	1	Family Housing (\$K/Year):	251
Enlisted Housing Units Avail:	2	Installation PRV(\$K):	1,179,475
Starting Facilities(KSF):	6,750	Svc/Agcy Recap Rate (Years):	103
Officer BAH (\$/Month):	927	Homeowner Assistance Program:	Yes
Enlisted BAH (\$/Month):	734		
Civ Locality Pay Factor:	1.109	TRICARE	In-Pat Out-Pat
Area Cost Factor:	1.02		Admits Visits Prescrip
Per Diem Rate (\$/Day):	86	CostFactor	3,953.00 78.00 11.63
Freight Cost (\$/Ton/Mile):	0.33	Actv MTF	0 2,234 2,442
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	85 10,151
Latitude:	41.535560	Retiree	0 3,714 10,323
Longitude:	-90.568890	Retiree65+	0 362 15,249

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: RIVERBANK AAP, CA (06742)

	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	0	0	150	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	15,000	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Req(\$K):	0	0	0	248	248	1,548
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
One-Time IT Costs (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc(\$K):	0	0	0	3,544	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None	Fac	ShDn(KSF):	707	FH ShDn:	0.000%

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: SCRANTON AAP, PA (42783)

	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
One-Time IT Costs (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None Fac ShDn(KSF):			0	FH ShDn:	0.000%

Name: BASE X (ARMY), US (XARMY)

	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
One-Time IT Costs (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None Fac ShDn(KSF):			0	FH ShDn:	0.000%

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: ROCK ISLAND, IL (17755)	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	7,000	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Req'd(\$K):	0	1,150	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misn Contract Start(\$K):	0	0	0	0	0	0
Misn Contract Term (\$K):	0	0	0	0	0	0
Supt Contract Term (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
One-Time IT Costs (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
Misn Milcon Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
MTF Closure Action:	None Fac ShDn(KSF):		0		FH ShDn: 0.000%	

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: RIVERBANK AAP, CA (06742)	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	0	-4	0	0
Off Prog nonBRAC Change:	0	0	0	0	0	0
Enl Prog nonBRAC Change:	0	0	0	0	0	0
Civ Prog nonBRAC Change:	0	0	0	0	0	0
Stu Prog nonBRAC Change:	0	0	0	0	0	0
Prog FH Privatization:	0%	0%	0%	0%	0%	0%

Name: BASE X (ARMY), US (XARMY)	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	0	0	0	0
Off Prog nonBRAC Change:	1	0	0	0	0	0
Enl Prog nonBRAC Change:	12	0	3	-3	0	0
Civ Prog nonBRAC Change:	12	0	-2	1	0	0
Stu Prog nonBRAC Change:	-25	12	0	-48	0	0
Prog FH Privatization:	30%	1%	0%	0%	0%	0%

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: ROCK ISLAND, IL (17755)

	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	0	0	0	0	0
Off Prog nonBRAC Change:	0	0	0	0	0	0
Enl Prog nonBRAC Change:	1	0	0	0	0	0
Civ Prog nonBRAC Change:	0	0	-1	-1	0	0
Stu Prog nonBRAC Change:	0	0	0	0	0	0
Prog FH Privatization:	0%	0%	0%	0%	0%	0%

STANDARD FACTORS SCREEN ONE - PERSONNEL

SF File Descrip:

Perc Officers Accompanied:	72.00%	Priority Placement Program:	39.97%
Perc Enlisted Accompanied:	55.00%	PPP Actions Involving PCS:	50.70%
Officer Salary(\$/Year):	124,971.93	Civilian PCS Costs (\$):	35,496.00
Enlisted Salary(\$/Year):	82,399.09	Home Sale Reimburse Rate:	10.00%
Civilian Salary(\$/Year):	59,959.18	Max Home Sale Reimburs(\$):	50,000.00
Avg Unemploy Cost(\$/Week):	272.90	Home Purch Reimburse Rate:	5.00%
Unemployment Eligibility(Weeks):	16	Max Home Purch Reimburs(\$):	25,000.00
Civilians Not Willing To Move:	6.00%	Civilian Homeowning Rate:	68.40%
Civilian Turnover Rate:	9.16%	HAP Home Value Reimburse Rate:	13.46%
Civilian Early Retire Rate:	8.10%	HAP Homeowner Receiving Rate:	18.44%
Civilian Regular Retire Rate:	1.67%	RSE Home Value Reimburse Rate:	0.00%
Civilian RIF Pay Factor:	86.32%	RSE Homeowner Receiving Rate:	0.00%
Civ Early Retire Pay Factor:	18.03%		

STANDARD FACTORS SCREEN TWO - FACILITIES

	Army	Navy	Air Force	Marines
	-----	-----	-----	-----
Service Sustainment Rate	87.00%	93.00%	92.00%	97.00%
Unit Cost Adjustment (BOS)	10332.00	8879.00	3032.00	3904.00
Program Management Factor:	10.00	MilCon Site Prep Cost (\$/SF):	0.74	
Mothball (Close) (\$/SF):	0.18	MilCon Contingency Plan Rate:	5.00%	
Mothball (Deac/Realn) (\$/SF):	0.45	MilCon Design Rate (Medical):	13.00%	
Rehab vs. MilCon (Default):	47.00%	MilCon Design Rate (Other):	9.00%	
Rehab vs. MilCon (Red):	64.00%	MilCon SIOH Rate:	6.00%	
Rehab vs. MilCon (Amber):	29.00%	Discount Rate for NPV/Payback:	3.15%	

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Mil (Lb):	710	Storage-In-Transit (\$/Pers):	373.76
HHG Per Off Accomp (Lb):	15,290.00	POV Reimburse(\$/Mile):	0.20
HHG Per Enl Accomp (Lb):	9,204.00	Air Transport (\$/Pass Mile):	0.20
HHG Per Off Unaccomp (Lb):	13,712.00	IT Connect (\$/Person):	200.00
HHG Per Enl Unaccomp (Lb):	6,960.00	Misc Exp(\$/Direct Employee):	1,000.00
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Months):	30.02
Total HHG Cost (\$/100Lb):	8.78	One-Time Off PCS Cost(\$):	10,477.58
Equip Pack & Crate(\$/Ton):	180.67	One-Time Enl PCS Cost(\$):	3,998.52

TOTAL COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.04)
 Data As Of 1/25/2005 9:12:30 AM, Report Created 1/25/2005 10:35:49 AM

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

All values in 2005 Constant Dollars

Base Name	Total MilCon*	Milcon Cost Avoidance	Total Net Costs
RIVERBANK AAP	0	-3,544,000	-3,544,000
SCRANTON AAP	0	0	0
BASE X (ARMY)	0	0	0
ROCK ISLAND	0	0	0
Totals:	0	-3,544,000	-3,544,000

* All MilCon Costs include Design, Site Preparation, Contingency Planning, and SIOH Costs where applicable.

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderswood\Desktop\COBRA 6.04\BRAC2005.SFF

MilCon for Base: RIVERBANK AAP, CA (06742)

All values in 2005 Constant Dollars (\$K)

FAC Title	UM	New MilCon	New Cost*	Using Rehab Rehab Type	Rehab Cost*	Total Cost*
Total Construction Cost:						0
- Construction Cost Avoid:						3,544
Total Net Milcon Cost:						-3,544

* All MilCon Costs include Design, Site Preparation, Contingency Planning, and SIOH Costs where applicable.

COBRA NET PRESENT VALUES REPORT (COBRA v6.04)

Data As Of 1/25/2005 9:12:30 AM, Report Created 1/25/2005 10:35:50 AM

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcaldерwood\Desktop\COBRA 6.04\BRAC2005.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
----	-----	-----	-----
2006	-2,521,594	-2,482,793	-2,482,793
2007	20,598,192	19,661,890	17,179,096
2008	-2,574,467	-2,382,398	14,796,698
2009	-9,891,022	-8,873,579	5,923,119
2010	-6,929,212	-6,026,599	-103,480
2011	-6,846,834	-5,773,099	-5,876,579
2012	-9,183,846	-7,507,141	-13,383,721
2013	-9,183,846	-7,277,888	-20,661,608
2014	-9,183,846	-7,055,635	-27,717,244
2015	-9,183,846	-6,840,170	-34,557,414
2016	-9,183,846	-6,631,285	-41,188,699
2017	-9,183,846	-6,428,778	-47,617,477
2018	-9,183,846	-6,232,456	-53,849,932
2019	-9,183,846	-6,042,129	-59,892,061
2020	-9,183,846	-5,857,614	-65,749,675
2021	-9,183,846	-5,678,734	-71,428,409
2022	-9,183,846	-5,505,316	-76,933,725
2023	-9,183,846	-5,337,195	-82,270,920
2024	-9,183,846	-5,174,207	-87,445,127
2025	-9,183,846	-5,016,197	-92,461,324

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	114,796	
Civilian Early Retirement	0	
Eliminated Military PCS	0	
Unemployment	8,902	
Total - Personnel		123,698
Overhead		
Program Management Cost	397,375	
Support Contract Termination	0	
Mothball / Shutdown	127,260	
Total - Overhead		524,635
Moving		
Civilian Moving	0	
Civilian PPP	35,496	
Military Moving	0	
Freight	0	
Information Technologies	0	
One-Time Moving Costs	15,000,000	
Total - Moving		15,035,496
Other		
HAP / RSE	0	
Environmental Mitigation Costs	3,194,900	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	7,150,000	
Total - Other		10,344,900

Total One-Time Costs		26,028,729

One-Time Savings		
Military Construction Cost Avoidances	3,544,000	
Military Moving	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	

Total One-Time Savings		3,544,000

Total Net One-Time Costs		22,484,729

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

Base: RIVERBANK AAP, CA (06742)
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	114,796	
Civilian Early Retirement	0	
Eliminated Military PCS	0	
Unemployment	8,902	
Total - Personnel		123,698
Overhead		
Program Management Cost	397,375	
Support Contract Termination	0	
Mothball / Shutdown	127,260	
Total - Overhead		524,635
Moving		
Civilian Moving	0	
Civilian PPP	35,496	
Military Moving	0	
Freight	0	
Information Technologies	0	
One-Time Moving Costs	15,000,000	
Total - Moving		15,035,496
Other		
HAP / RSE	0	
Environmental Mitigation Costs	2,044,900	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	150,000	
Total - Other		2,194,900
-----		-----
Total One-Time Costs		17,878,729
-----		-----
One-Time Savings		
Military Construction Cost Avoidances	3,544,000	
Military Moving	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
-----		-----
Total One-Time Savings		3,544,000
-----		-----
Total Net One-Time Costs		14,334,729

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

Base: SCRANTON AAP, PA (42783)
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Management Cost	0	
Support Contract Termination	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPP	0	
Military Moving	0	
Freight	0	
Information Technologies	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		0

Total One-Time Costs		0

One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	

Total One-Time Savings		0

Total Net One-Time Costs		0

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

Base: BASE X (ARMY), US (XARMY)
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Management Cost	0	
Support Contract Termination	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPP	0	
Military Moving	0	
Freight	0	
Information Technologies	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		0

Total One-Time Costs		0

One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	

Total One-Time Savings		0

Total Net One-Time Costs		0

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

Base: ROCK ISLAND, IL (17755)
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Management Cost	0	
Support Contract Termination	0	
Mothball / Shutdown	0	
Total - Overhead		0
Moving		
Civilian Moving	0	
Civilian PPP	0	
Military Moving	0	
Freight	0	
Information Technologies	0	
One-Time Moving Costs	0	
Total - Moving		0
Other		
HAP / RSE	0	
Environmental Mitigation Costs	1,150,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	7,000,000	
Total - Other		8,150,000

Total One-Time Costs		8,150,000

One-Time Savings		
Military Construction Cost Avoidances	0	
Military Moving	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	

Total One-Time Savings		0

Total Net One-Time Costs		8,150,000

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcaldерwood\Desktop\COBRA 6.04\BRAC2005.SFF

	Rate	2006	2007	2008	2009	2010	2011	Total
	----	----	----	----	----	----	----	----
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	8.10%	0	0	0	0	0	0	0
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED		0	0	0	4	0	0	4
Early Retirement	8.10%	0	0	0	0	0	0	0
Regular Retirement	1.67%	0	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	39.97%	0	0	0	2	0	0	2
Civilians Available to Move		0	0	0	2	0	0	2
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	2	0	0	2
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	0	0	0	0	0
TOTAL CIVILIAN RIFS		0	0	0	2	0	0	2
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	2	0	0	2
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPP placements involving a PCS is 50.70%

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

Base: RIVERBANK AAP, CA (06742)Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT	0	0	0	0	0	0	0
Early Retirement*	8.10%	0	0	0	0	0	0
Regular Retirement*	1.67%	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED	0	0	0	4	0	0	4
Early Retirement	8.10%	0	0	0	0	0	0
Regular Retirement	1.67%	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0
Priority Placement#	39.97%	0	0	0	2	0	2
Civilians Available to Move		0	0	0	2	0	2
Civilians Moving		0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	2	0	2
CIVILIAN POSITIONS REALIGNING IN	0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	0	0	0	0
TOTAL CIVILIAN RIFS		0	0	0	2	0	2
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	2	0	2
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPP placements involving a PCS is 50.70%

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

Base: SCRANTON AAP, PA (42783)	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	8.10%	0	0	0	0	0	0	0
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	0	0
Early Retirement	8.10%	0	0	0	0	0	0	0
Regular Retirement	1.67%	0	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	39.97%	0	0	0	0	0	0	0
Civilians Available to Move		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	0	0	0	0	0
TOTAL CIVILIAN RIFS		0	0	0	0	0	0	0
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPP placements involving a PCS is 50.70%

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

Base: BASE X (ARMY), US (XARMY)	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	8.10%	0	0	0	0	0	0	0
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	0	0
Early Retirement	8.10%	0	0	0	0	0	0	0
Regular Retirement	1.67%	0	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	39.97%	0	0	0	0	0	0	0
Civilians Available to Move		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	0	0	0	0	0
TOTAL CIVILIAN RIFS		0	0	0	0	0	0	0
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPP placements involving a PCS is 50.70%

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

Base: ROCK ISLAND, IL (17755)	Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	8.10%	0	0	0	0	0	0	0
Regular Retirement*	1.67%	0	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	0	0
Early Retirement	8.10%	0	0	0	0	0	0	0
Regular Retirement	1.67%	0	0	0	0	0	0	0
Civilian Turnover	9.16%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0	0
Priority Placement#	39.97%	0	0	0	0	0	0	0
Civilians Available to Move		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	0	0	0	0	0
TOTAL CIVILIAN RIFS		0	0	0	0	0	0	0
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPP placements involving a PCS is 50.70%

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderwood\Desktop\COBRA 6.04\BRAC2005.SFF

Base: RIVERBANK AAP, CA (06742)

Year	Pers Moved In/Added		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
2006	0	0.00%	33.33%	0	0.00%	0.00%
2007	0	0.00%	16.67%	0	0.00%	0.00%
2008	0	0.00%	16.67%	0	0.00%	0.00%
2009	0	0.00%	16.67%	4	100.00%	100.00%
2010	0	0.00%	16.67%	0	0.00%	0.00%
2011	0	0.00%	0.00%	0	0.00%	0.00%
TOTALS	0	0.00%	100.00%	4	100.00%	100.00%

Base: SCRANTON AAP, PA (42783)

Year	Pers Moved In/Added		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
2006	0	0.00%	33.33%	0	0.00%	16.67%
2007	0	0.00%	16.67%	0	0.00%	16.67%
2008	0	0.00%	16.67%	0	0.00%	16.67%
2009	0	0.00%	16.67%	0	0.00%	16.67%
2010	0	0.00%	16.67%	0	0.00%	16.67%
2011	0	0.00%	0.00%	0	0.00%	16.67%
TOTALS	0	0.00%	100.00%	0	0.00%	100.00%

Base: BASE X (ARMY), US (XARMY)

Year	Pers Moved In/Added		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
2006	0	0.00%	33.33%	0	0.00%	16.67%
2007	0	0.00%	16.67%	0	0.00%	16.67%
2008	0	0.00%	16.67%	0	0.00%	16.67%
2009	0	0.00%	16.67%	0	0.00%	16.67%
2010	0	0.00%	16.67%	0	0.00%	16.67%
2011	0	0.00%	0.00%	0	0.00%	16.67%
TOTALS	0	0.00%	100.00%	0	0.00%	100.00%

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\Close Riverbank Alt2 01242005_uncertified\Close Riverbank
 AAP_ALT_01242005_uncertified.CBR
 Option Pkg Name: Close Riverbank AAP- Alt (move selected workload to RIA)
 Std Fctrs File : C:\Documents and Settings\dcalderswood\Desktop\COBRA 6.04\BRAC2005.SFF

Base: ROCK ISLAND, IL (17755)

Year	Pers Moved In/Added		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
2006	0	0.00%	33.33%	0	0.00%	16.67%
2007	0	0.00%	16.67%	0	0.00%	16.67%
2008	0	0.00%	16.67%	0	0.00%	16.67%
2009	0	0.00%	16.67%	0	0.00%	16.67%
2010	0	0.00%	16.67%	0	0.00%	16.67%
2011	0	0.00%	0.00%	0	0.00%	16.67%
TOTALS	0	0.00%	100.00%	0	0.00%	100.00%

Economic Impact Report

This report depicts the economic impact of the following Scenarios:

MA-25 Rive: Close Riverbank

The data in this report is rolled up by Region of Influence

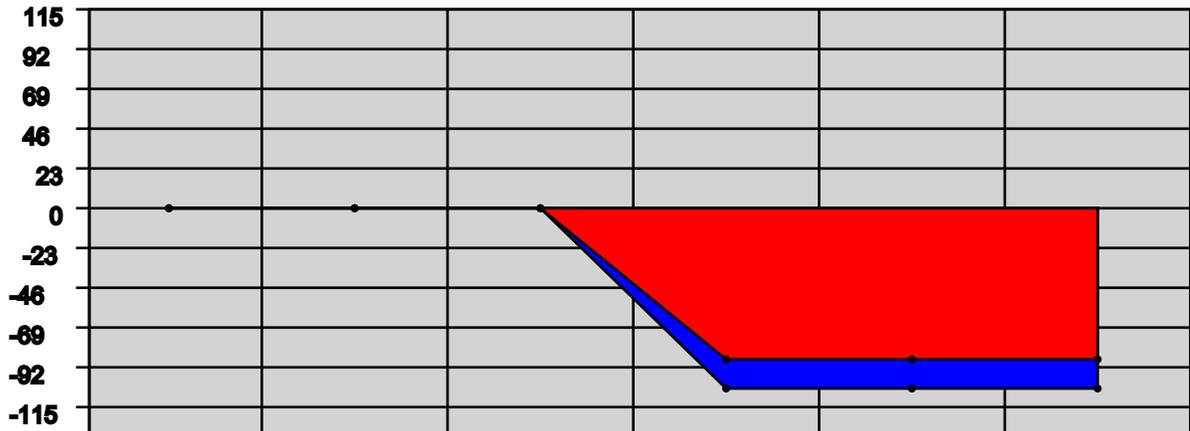
ECONOMIC IMPACT DATA

Scenario: All Selected (see title page)
Economic Region of Influence(ROI): Modesto, CA Metropolitan Statistical Area
Base: All Bases
Action: All Actions

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002): 481,014
 ROI Employment (2002): 217,388
 Authorized Manpower (2005): 4
 Authorized Manpower(2005) / ROI Employment(2002): 0%
 Total Estimated Job Change: -106
 Total Estimated Job Change / ROI Employment(2002): -0.05%

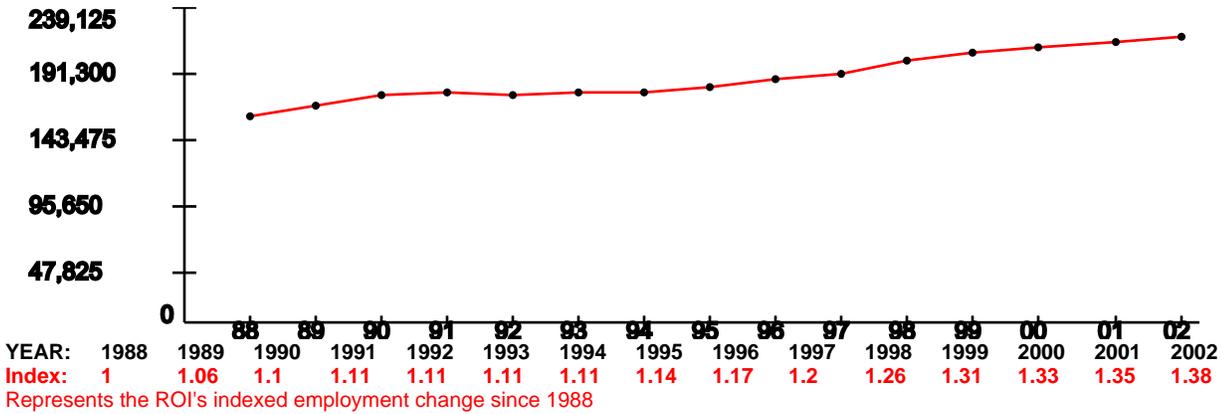
Cumulative Job Change (Gain/Loss) Over Time:



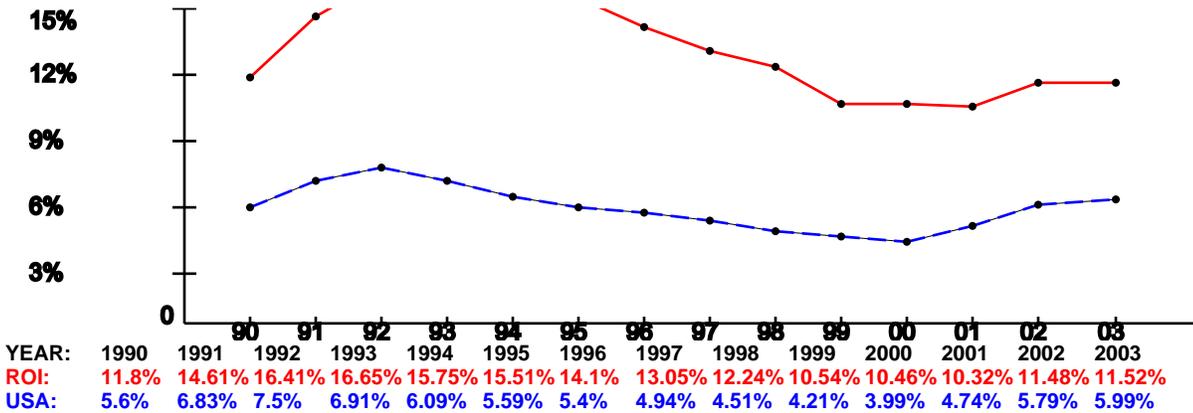
YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	0	0	0	0	0
Direct Civllian:	0	0	0	-4	0	0
Direct Student	0	0	0	0	0	0
Direct Contractor:	0	0	0	-85	0	0
Cumulative Direct:	0	0	0	-89	-89	-89
Cum Indir/Induc:	0	0	0	-17	-17	-17
Cumulative Total:	0	0	0	-106	-106	-106

Modesto, CA Metropolitan Statistical Area Trend Data

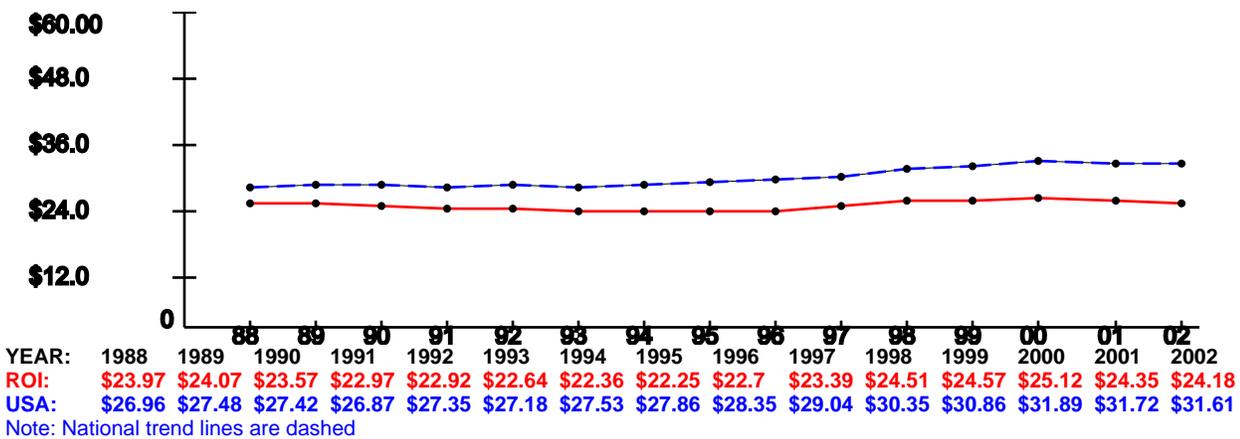
Employment Trend (1988-2002)



Unemployment Percentage Trend (1990-2003)



Per Capita Income x \$1,000 (1988-2002)



RIVERBANK AAP, CA

Demographics

The following tables provide a short description of the area near the installation/activity. RIVERBANK AAP is 1.5 miles from Modesto, CA, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
MODESTO MSA	446,997

The following entities comprise the military housing area (MHA):

County/City	Population
San Joaquin	563598
Stanislaus	446997
Total	1,010,595

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 6

Cost of Living

Cost of Living provides a relative measure of cost of living in the local community. General Schedule (GS) Locality Pay provides a relative scale to compare local salaries with government salaries and Basic Allowance for Housing (BAH) is an indicator of the local rental market. In-state tuition is an indicator of the support provided by the state for active duty family members to participate in higher-level education opportunities.

Median Household Income	(US Avg \$41,994)	\$40,101	Basis: MSA
Median House Value	(US Avg \$119,600)	\$125,300	
GS Locality Pay	("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate		\$1,439	
In-state Tuition for Family Member		No	
In-state Tuition Continues if Member PCSs Out of State			

Education

This attribute defines the population in local school districts and identifies capacity. The pupil/teacher ratio, graduation rate, percentage of certified teachers and composite SAT I/ACT scores provide a relative quality indicator of education. This attribute also attempts to give communities credit for the potential intellectual capital they provide.

NOTE: "MFR" means a Memorandum For Record is on file at the installation/activity/agency to document problems in obtaining the required information. Reasons for not being able to obtain information may be that the school district refused to provide the information or the school district does not use or track the information.

This document may contain information protected from disclosure by public law, regulations or orders.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity	2,649	1 of 1 district
Students Enrolled	3,193	1 of 1 district
Average Pupil/Teacher Ratio	20.2:1	1 of 1 district
High School Students Enrolled	944	1 of 1 district
Average High School Graduation Rate (US Avg 67.3%)	93.2%	1 of 1 district
Average Composite SAT I Score (US Avg 1026)	958	1 of 1 district
Average ACT Score (US Avg 20.8)	20	1 of 1 district
Available Graduate/PhD Programs	1	
Available Colleges and/or Universities	2	
Available Vocational and/or Technical Schools	0	

Employment

Unemployment and job growth rates provide a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	10.5%	10.5%	10.3%	11.5%	11.5%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	MSA	MSA	MSA	MSA	MSA

The annual job growth rate for the last five-years:

	1999	2000	2001	2002	2003
Local Data	2.3%	1.1%	2.5%	1.3%	1.3%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	MSA	MSA	MSA	MSA	MSA

Housing

This attribute provides an indication of availability of housing, both sales and rental, in the local community. Note: according to the 2000 Census, Vacant Sale and Vacant Rental Units do not equal Total Vacant Housing Units; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

Total Vacant Housing Units	5,661	Basis: MSA
Vacant Sale Units	1,646	
Vacant Rental Units	2,111	

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Medical Providers

This attribute provides an indicator of availability of medical care for military and DoD civilians in the local community. The table reflects the raw number of physicians/beds and ratio of physicians/beds to population.

	# Physicians	# Beds	Population	
Local Community	730	1,144	446,997	Basis: MSA
Ratio	1:612	1:391		
National Ratio (2003)	1:421.2	1:373.7		

Safety/Crime

The local community's Uniform Crime Reports (UCR) Index for 2002 per 100,000 people and the national UCR based on information from the Federal Bureau of Investigation (FBI) for 2002:

Local UCR	6,027.0	Basis: MSA
National UCR	4,118.8	

Transportation

Distance to an airport shows convenience and availability of airline transportation. Public transportation shows potential for members and DoD civilians to use it to commute to/from work under normal circumstances and for leisure.

Distance from RIVERBANK AAP to nearest commercial airport: 7.9 miles

Is RIVERBANK AAP served by regularly scheduled public transportation? No

Utilities

This attribute identifies a local community's water and sewer systems' ability to receive 1,000 additional people.

Does the local community's water system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

Does the local community's sewer system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

ROCK ISLAND ARSENAL, IL

Demographics

The following tables provide a short description of the area near the installation/activity. ROCK ISLAND ARSENAL is within Davenport, IA, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Davenport-Moline-Rock Island, IA-II MSA	359,062

The following entities comprise the military housing area (MHA):

County/City	Population
Rock Island	149374
Scott	5537
Total	154,911

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 12

Cost of Living

Cost of Living provides a relative measure of cost of living in the local community. General Schedule (GS) Locality Pay provides a relative scale to compare local salaries with government salaries and Basic Allowance for Housing (BAH) is an indicator of the local rental market. In-state tuition is an indicator of the support provided by the state for active duty family members to participate in higher-level education opportunities.

Median Household Income	(US Avg \$41,994)	\$40,621	Basis: MSA
Median House Value	(US Avg \$119,600)	\$84,500	
GS Locality Pay	("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate		\$ 927	
In-state Tuition for Family Member		No	
In-state Tuition Continues if Member PCSs Out of State			

Education

This attribute defines the population in local school districts and identifies capacity. The pupil/teacher ratio, graduation rate, percentage of certified teachers and composite SAT I/ACT scores provide a relative quality indicator of education. This attribute also attempts to give communities credit for the potential intellectual capital they provide.

NOTE: "MFR" means a Memorandum For Record is on file at the installation/activity/agency to document problems in obtaining the required information. Reasons for not being able to obtain information may be that the school district refused to provide the information or the school district does not use or track the information.

If the installation/activity/agency has incomplete information from the local school system in order to accurately compute a score in this area, the number of school districts reporting information will be captured in addition to the computed answer.

		Basis
School District(s) Capacity	49,367	6 of 6 districts
Students Enrolled	42,396	6 of 6 districts
Average Pupil/Teacher Ratio	17.1:1	6 of 6 districts
High School Students Enrolled	13,054	6 of 6 districts
Average High School Graduation Rate (US Avg 67.3%)	84.1%	6 of 6 districts
Average Composite SAT I Score (US Avg 1026)		6 of 6 districts
Average ACT Score (US Avg 20.8)	21	6 of 6 districts
Available Graduate/PhD Programs	5	
Available Colleges and/or Universities	8	
Available Vocational and/or Technical Schools	7	

Employment

Unemployment and job growth rates provide a relative merit of job availability in the local community. National rates from the Bureau of Labor Statistics are also provided.

The unemployment rates for the last five-years:

	1999	2000	2001	2002	2003
Local Data	4.4%	4.2%	4.6%	5.2%	5.3%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	MSA	MSA	MSA	MSA	MSA

The annual job growth rate for the last five-years:

	1999	2000	2001	2002	2003
Local Data	.6%	-.7%	-.9%	-1.4%	-1.1%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	MSA	MSA	MSA	MSA	MSA

Housing

This attribute provides an indication of availability of housing, both sales and rental, in the local community. Note: according to the 2000 Census, Vacant Sale and Vacant Rental Units do not equal Total Vacant Housing Units; Total Vacant Housing Units may also include units that are vacant but not on the market for sale or rent.

Total Vacant Housing Units	8,306	Basis: MSA
Vacant Sale Units	1,835	

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Vacant Rental Units	3,164	
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Medical Providers

This attribute provides an indicator of availability of medical care for military and DoD civilians in the local community. The table reflects the raw number of physicians/beds and ratio of physicians/beds to population.

	# Physicians	# Beds	Population	
Local Community	670	1,156	359,062	Basis: 2 of 2 counties
Ratio	1:536	1:311		
National Ratio (2003)	1:421.2	1:373.7		

Safety/Crime

The local community's Uniform Crime Reports (UCR) Index for 2002 per 100,000 people and the national UCR based on information from the Federal Bureau of Investigation (FBI) for 2002:

Local UCR	4,016.0	Basis: 2 of 2 counties
National UCR	4,118.8	

Transportation

Distance to an airport shows convenience and availability of airline transportation. Public transportation shows potential for members and DoD civilians to use it to commute to/from work under normal circumstances and for leisure.

Distance from ROCK ISLAND ARSENAL to nearest commercial airport: 7.0 miles
Is ROCK ISLAND ARSENAL served by regularly scheduled public transportation? Yes

Utilities

This attribute identifies a local community's water and sewer systems' ability to receive 1,000 additional people.

Does the local community's water system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes

Does the local community's sewer system have the ability to meet an expanded need of an additional 1,000 people moving in the local community? Yes