

Sierra Army Depot, California

Recommendation: Realign Sierra Army Depot, CA. Relocate Storage to Tooele Army Depot, NV and Demilitarization to Crane Army Ammunition Activity, IN and McAlester Army Ammunition Plant, OK.

Justification: Capacity and capability for storage exists at numerous munitions sites. To reduce redundancy and remove excess from the Industrial Base, the realignment allows DoD to create centers of excellence and remove inefficiencies.

Payback: The total estimated one-time cost to the Department of Defense to implement this recommendation is \$33.41M. The net of all costs and savings to the Department during the implementation period is a cost of \$7.21M. Annual recurring savings to the Department after implementation are \$7.48M with a payback expected within 7 years. The net present value of the costs and savings to the Department over 20 years is a savings of \$66.74M

Economic Impact on Communities: Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 17 jobs (12 direct jobs and 5 indirect jobs) over the period 2006-2011 in the Susanville, CA Micropolitan Statistical Area, which is 0.12 percent of the economic area employment. The aggregate economic impact of all recommended actions on this economic region of influence was considered and is at Appendix B of Volume I.

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

Environmental Impact: This recommendation has no impact on air quality; 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; water resources; or wetlands. This recommendation will require spending approximately \$300K for environmental compliance activities. This cost was included in the payback calculation. This recommendation does otherwise not impact the costs of environmental restoration, waste management, and other environmental compliance activities. The aggregate environmental impact of all recommended BRAC actions affecting the bases in this recommendation has been reviewed. There are no known environmental impediments to implementation of this recommendation.

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>Capacity Available to Surge/Excess Capacity*</i>
MUNITIONS STORAGE						
	ANNISTON ARMY DEPOT	3,296.4	2,293.9	3,296.4	0	1,002.5
	BLUE GRASS ARMY DEPOT	6,021.0	4,817.4	6,021.0	0	1,203.6
	CRANE ARMY AMMUNITION ACTIVITY	8,020.8	5,721.3	8,020.8	0	2,299.5
	DESERET CHEMICAL DEPOT	909.0	709.0	909.0	0	200.0
	HAWTHORNE ARMY DEPOT	9,738.0	5,603.0	9,738.0	0	4,135.0
	HOLSTON AAP	405.8	90.6	405.8	0	315.2
	IOWA AAP	1,148.8	503.4	1,148.8	0	645.4
	KANSAS ARMY AMMUNITION PLANT	1,238.5	895.9	1,238.5	0	342.6
	LAKE CITY AAP	1,094.0	1,094.0	1,094.0	0	0.0
	LETTERKENNY ARMY DEPOT	3,613.4	2,472.2	3,613.4	0	1,141.2
	LONE STAR AAP	1,030.6	824.5	1,030.6	0	206.1
	LOUISIANA AAP	350.0	270.4	350.0	0	79.6
	MCALESTER AAP	10,637.1	6,522.0	10,637.1	0	4,115.1
	MILAN AAP	3,258.1	829.9	3,258.1	0	2,428.2
	MISSISSIPPI AAP	105.4	0.0	105.4	0	105.4
	NEWPORT CHEM DEPOT	11.6	11.6	11.6	0	0.0
	PINE BLUFF ARSENAL	4,192.2	3,794.4	4,192.2	0	397.8
	PUEBLO CHEM DEPOT	1,475.2	161.6	1,475.2	0	1,313.6

* Capacity is measured in ksf

Report Date: Thursday, April 21, 2005

Database Date: April 18, 2005

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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>Capacity Available to Surge/Excess Capacity*</i>
MUNITIONS STORAGE						
	RADFORD AAP	921.2	641.6	921.2	0	279.6
	RED RIVER ARMY DEPOT	2,747.6	1,732.9	2,747.6	0	1,014.7
	SIERRA ARMY DEPOT	5,649.5	1,019.0	5,649.5	0	4,630.5
	TOOELE ARMY DEPOT	5,239.6	3,265.0	5,239.6	0	1,974.6
	UMATILLA CHEM DEPOT	2,457.7	728.1	2,457.7	0	1,729.6

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IJCSG Summary Military Value Report for Munitions

Activity:

Score:

Storage and Distribution

MCALESTER AAP	0.6168
HAWTHORNE ARMY DEPOT	0.5789
CRANE ARMY AMMUNITION ACTIVITY	0.4131
RED RIVER ARMY DEPOT	0.3298
TOOELE ARMY DEPOT	0.3282
SIERRA ARMY DEPOT	0.2879
BLUE GRASS ARMY DEPOT	0.2607
LOUISIANA AAP	0.2441
ANNISTON ARMY DEPOT	0.1803
LETTERKENNY ARMY DEPOT	0.1671

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IJCSG Summary Military Value Report for Munitions

<i>Activity:</i>	<i>Score:</i>
UMATILLA CHEM DEPOT	0.1280
MILAN AAP	0.1117
IOWA AAP	0.0642
PINE BLUFF ARSENAL	0.0409
RADFORD AAP	0.0377
LAKE CITY AAP	0.0375
PUEBLO CHEM DEPOT	0.0332
DESERET CHEMICAL DEPOT	0.0268
KANSAS ARMY AMMUNITION PLANT	0.0231
NEWPORT CHEM DEPOT	0.0205
LONE STAR AAP	0.0090
HOLSTON AAP	0.0024

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
 04272005.CBR
 Option Pkg Name: IND 0113 Realign Sierra AD
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Starting Year : 2006
 Final Year : 2006
 Payback Year : 2013 (7 Years)

NPV in 2025(\$K): -66,744
 1-Time Cost(\$K): 33,407

Net 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	0	0	0	0	0
Overhd	-1,131	-2,378	-3,625	-4,873	-6,120	-7,368	-25,495	-7,484
Moving	0	0	7,301	2,014	2,014	0	11,329	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	7,026	7,026	7,326	0	21,378	0
TOTAL	-1,131	-2,378	10,702	4,167	3,219	-7,368	7,212	-7,484

	2006	2007	2008	2009	2010	2011	Total
	----	----	----	----	----	----	-----
POSITIONS ELIMINATED							
Off	0	0	0	0	0	0	0
Enl	0	0	0	0	0	0	0
Civ	0	0	0	0	0	0	0
TOT	0	0	0	0	0	0	0

POSITIONS REALIGNED							
Off	0	0	0	0	0	0	0
Enl	0	0	0	0	0	0	0
Stu	0	0	0	0	0	0	0
Civ	0	0	0	0	0	0	0
TOT	0	0	0	0	0	0	0

Summary:

 Realign Sierra Army Depot, CA. Relocate storage to Tooele Army Depot, NV and Demil to Blue Grass Army Depot, KY, Crane AAA, IN and McAlester AAP, OK.

NOTE: Blue Grass was in the scenario, but no workload moved to Blue Grass because Crane, McAlester, and Tooele were closer and have lower transportation cost.

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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	0	0	0	0	0
Overhd	117	117	117	117	117	117	700	0
Moving	0	0	7,301	2,014	2,014	0	11,329	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	7,026	7,026	7,326	0	21,378	0
TOTAL	117	117	14,444	9,157	9,457	117	33,407	0

Savings 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	0	0	0	0	0
Overhd	1,247	2,495	3,742	4,990	6,237	7,484	26,196	7,484
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	1,247	2,495	3,742	4,990	6,237	7,484	26,196	7,484

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Base	Personnel			
	Start*	Finish*	Change	%Change
SIERRA	522	522	0	0%
TOOELE	1,083	1,083	0	0%
CRANE AAP	486	486	0	0%
MCALESTER	1,314	1,314	0	0%
TOTAL	3,405	3,405	0	0%

Base	Square Footage				
	Start	Finish	Change	%Change	Chg/Per
SIERRA	5,364,000	3,808,000	-1,556,000	-29%	0
TOOELE	9,415,000	9,415,000	0	0%	0
CRANE AAP	7,199,000	7,199,000	0	0%	0
MCALESTER	9,677,000	9,677,000	0	0%	0
TOTAL	31,655,000	30,099,000	-1,556,000	-5%	0

Base	Base Operations Support (2005\$)				
	Start*	Finish*	Change	%Change	Chg/Per
SIERRA	11,922,324	11,922,324	0	0%	0
TOOELE	17,873,628	17,873,628	0	0%	0
CRANE AAP	15,821,992	15,821,992	0	0%	0
MCALESTER	23,613,891	23,613,891	0	0%	0
TOTAL	69,231,835	69,231,835	0	0%	0

Base	Sustainment (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
SIERRA	13,004,111	9,231,852	-3,772,259	-29%	0
TOOELE	6,913,145	6,913,145	0	0%	0
CRANE AAP	15,474,275	15,474,275	0	0%	0
MCALESTER	21,594,562	21,594,562	0	0%	0
TOTAL	56,986,093	53,213,834	-3,772,259	-7%	0

Base	Recapitalization (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
SIERRA	12,797,149	9,084,926	-3,712,223	-29%	0
TOOELE	13,283,457	13,283,457	0	0%	0
CRANE AAP	19,710,851	19,710,851	0	0%	0
MCALESTER	24,238,791	24,238,791	0	0%	0
TOTAL	70,030,249	66,318,026	-3,712,223	-5%	0

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Base	Sustain + Recap + BOS (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
SIERRA	37,723,584	30,239,102	-7,484,482	-20%	0
TOOELE	38,070,230	38,070,230	0	0%	0
CRANE AAP	51,007,119	51,007,119	0	0%	0
MCALESTER	69,447,244	69,447,244	0	0%	0
TOTAL	196,248,177	188,763,695	-7,484,482	-4%	0

Base	Plant Replacement Value (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
SIERRA	1,318,106,315	935,747,361	-382,358,953	-29%	0
TOOELE	1,368,196,102	1,368,196,102	0	0%	0
CRANE AAP	2,030,217,695	2,030,217,695	0	0%	0
MCALESTER	2,496,595,519	2,496,595,519	0	0%	0
TOTAL	7,213,115,631	6,830,756,677	-382,358,953	-5%	0

* "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.

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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	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	117	117	117	117	117	117	700
1-Time Move	0	0	7,301	2,014	2,014	0	11,329
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	300	0	300
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	7,026	7,026	7,026	0	21,078
TOTAL ONE-TIME	117	117	14,444	9,157	9,457	117	33,407

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RECURRINGCOSTS -----(\$K)-----	2006 ----	2007 ----	2008 ----	2009 ----	2010 ----	2011 ----	Total -----	Beyond -----
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	 117	 117	 14,444	 9,157	 9,457	 117	 33,407	 0
ONE-TIME SAVES -----(\$K)-----	2006 ----	2007 ----	2008 ----	2009 ----	2010 ----	2011 ----	Total -----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
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	0	0	0	0	
RECURRINGSAVES -----(\$K)-----	2006 ----	2007 ----	2008 ----	2009 ----	2010 ----	2011 ----	Total -----	Beyond -----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	629	1,257	1,886	2,515	3,143	3,772	13,203	3,772
Recap	619	1,237	1,856	2,475	3,093	3,712	12,993	3,712
BOS	0	0	0	0	0	0	0	0
Civ Salary	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								
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	1,247	2,495	3,742	4,990	6,237	7,484	26,196	7,484
TOTAL SAVINGS	1,247	2,495	3,742	4,990	6,237	7,484	26,196	7,484

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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	117	117	7,418	2,130	2,130	117	12,029	
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	0	300	0	300	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	7,026	7,026	7,026	0	21,078	
TOTAL ONE-TIME	117	117	14,444	9,157	9,457	117	33,107	
RECURRING NET								
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	-629	-1,257	-1,886	-2,515	-3,143	-3,772	-13,203	-3,772
Recap	-619	-1,237	-1,856	-2,475	-3,093	-3,712	-12,993	-3,712
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	-1,247	-2,495	-3,742	-4,990	-6,237	-7,484	-26,196	-7,484
TOTAL NET COST	-1,131	-2,378	10,702	4,167	3,219	-7,368	7,212	-7,484

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Base: SIERRA, CA (06821)	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	117	117	117	117	117	117	700
1-Time Move	0	0	4,660	0	0	0	4,660
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	7,026	7,026	7,026	0	21,078
TOTAL ONE-TIME	117	117	11,803	7,143	7,143	117	26,439

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Base: SIERRA, CA (06821)	2006	2007	2008	2009	2010	2011	Total	Beyond
RECURRINGCOSTS								
-----(\$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	117	117	11,803	7,143	7,143	117	26,439	0
ONE-TIME SAVES	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
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	0	0	0	0	
RECURRINGSAVES	2006	2007	2008	2009	2010	2011	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	629	1,257	1,886	2,515	3,143	3,772	13,203	3,772
Recap	619	1,237	1,856	2,475	3,093	3,712	12,993	3,712
BOS	0	0	0	0	0	0	0	0
Civ Salary	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								
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	1,247	2,495	3,742	4,990	6,237	7,484	26,196	7,484
TOTAL SAVINGS	1,247	2,495	3,742	4,990	6,237	7,484	26,196	7,484

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
 04272005.CBR
 Option Pkg Name: IND 0113 Realign Sierra AD
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: SIERRA, CA (06821)	2006	2007	2008	2009	2010	2011	Total	
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	117	117	4,777	117	117	117	5,360	
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	0	0	0	0	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	7,026	7,026	7,026	0	21,078	
TOTAL ONE-TIME	117	117	11,803	7,143	7,143	117	26,439	
RECURRING NET								
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
Sustainment	-629	-1,257	-1,886	-2,515	-3,143	-3,772	-13,203	-3,772
Recap	-619	-1,237	-1,856	-2,475	-3,093	-3,712	-12,993	-3,712
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	-1,247	-2,495	-3,742	-4,990	-6,237	-7,484	-26,196	-7,484
TOTAL NET COST	-1,131	-2,378	8,061	2,153	906	-7,368	243	-7,484

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
 04272005.CBR
 Option Pkg Name: IND 0113 Realign Sierra AD
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: TOOELE, UT (49878)	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	701	74	74	0	850
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	100	0	100
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	701	74	174	0	950

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
 04272005.CBR
 Option Pkg Name: IND 0113 Realign Sierra AD
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: TOOELE, UT (49878)								
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	701	74	74	0	850	
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	0	100	0	100	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	701	74	174	0	950	
RECURRING NET								
-----(\$K)-----	----	----	----	----	----	----	Total	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
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								
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	0	701	74	174	0	950	0

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
 04272005.CBR
 Option Pkg Name: IND 0113 Realign Sierra AD
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: CRANE AAP, IN (18174)	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	597	597	597	0	1,792
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	100	0	100
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	597	597	697	0	1,892

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
 04272005.CBR
 Option Pkg Name: IND 0113 Realign Sierra AD
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: CRANE AAP, IN (18174)

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	597	597	597	0	1,792	
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	0	100	0	100	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	597	597	697	0	1,892	
RECURRING NET								
-----(\$K)-----	----	----	----	----	----	----	-----	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
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								
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	0	597	597	697	0	1,892	0

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
 04272005.CBR
 Option Pkg Name: IND 0113 Realign Sierra AD
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: MCALESTER, OK (40549)	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	1,342	1,342	1,342	0	4,026
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	100	0	100
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	1,342	1,342	1,442	0	4,126

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
 04272005.CBR
 Option Pkg Name: IND 0113 Realign Sierra AD
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: MCALESTER, OK (40549)

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	1,342	1,342	1,342	0	4,026	
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	0	100	0	100	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	1,342	1,342	1,442	0	4,126	
RECURRING NET								
-----(\$K)-----	----	----	----	----	----	----	-----	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
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								
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	0	1,342	1,342	1,442	0	4,126	0

COBRA ECONOMIC IMPACT REPORT (COBRA v6.10)

Data As Of 4/27/2005 12:56:21 PM, Report Created 4/27/2005 1:12:51 PM

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
 04272005.CBR
 Option Pkg Name: IND 0113 Realign Sierra AD
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

SIERRA, CA (06821)

	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

TOOELE, UT (49878)

	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

CRANE AAP, IN (18174)

	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

MCALESTER, OK (40549)

	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 v6.10)

Data As Of 4/27/2005 12:56:21 PM, Report Created 4/27/2005 1:12:51 PM

Department : Industrial
Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
04272005.CBR
Option Pkg Name: IND 0113 Realign Sierra AD
Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

SCENARIO DATA:

"Industrial" is not a recognized Department.

COBRA INPUT DATA REPORT (COBRA v6.10)

Data As Of 4/27/2005 12:56:21 PM, Report Created 4/27/2005 1:12:51 PM

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
 04272005.CBR
 Option Pkg Name: IND 0113 Realign Sierra AD
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\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:
-----	-----
SIERRA, CA (06821)	Realignment
TOOELE, UT (49878)	Realignment
CRANE AAP, IN (18174)	Realignment
MCALESTER, OK (40549)	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: SIERRA, CA (06821)

Total Officer Employees:	3	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	0	Total Sustainment(\$K/Year):	14,130
Total Student Employees:	0	Sustain Payroll (\$K/Year):	1,126
Total Civilian Employees:	519	BOS Non-Payroll (\$K/Year):	11,922
Accomp Mil not Receiving BAH:	14.2%	BOS Payroll (\$K/Year):	5,968
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	59
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	1,318,106
Starting Facilities(KSF):	5,364	Svc/Agcy Recap Rate (Years):	103
Officer BAH (\$/Month):	1,119	Homeowner Assistance Program:	Yes
Enlisted BAH (\$/Month):	843		
Civ Locality Pay Factor:	1.109	TRICARE	In-Pat Out-Pat
Area Cost Factor:	1.29		Admits Visits Prescrip
Per Diem Rate (\$/Day):	86	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:	40.133333	Retiree	0 0 0
Longitude:	-120.116667	Retiree65+	0 0 0

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
 04272005.CBR
 Option Pkg Name: IND 0113 Realign Sierra AD
 Std Fctrs File : C:\Documents and Settings\\Desktop\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: TOOLEE, UT (49878)

Total Officer Employees:	38	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	519	Total Sustainment(\$K/Year):	8,200
Total Student Employees:	0	Sustain Payroll (\$K/Year):	1,287
Total Civilian Employees:	526	BOS Non-Payroll (\$K/Year):	17,874
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	15,984
Officer Housing Units Avail:	1	Family Housing (\$K/Year):	22
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	1,368,196
Starting Facilities(KSF):	9,415	Svc/Agcy Recap Rate (Years):	103
Officer BAH (\$/Month):	981	Homeowner Assistance Program:	Yes
Enlisted BAH (\$/Month):	737		
Civ Locality Pay Factor:	1.109	TRICARE	In-Pat Out-Pat
Area Cost Factor:	1.05		Admits Visits Prescrip
Per Diem Rate (\$/Day):	119	CostFactor	4,160.52 84.00 0.00
Freight Cost (\$/Ton/Mile):	0.33	Actv MTF	0 1,092 0
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	33 1,888
Latitude:	40.533333	Retiree	0 2,617 0
Longitude:	-112.300000	Retiree65+	0 32 0

Name: CRANE AAP, IN (18174)

Total Officer Employees:	2	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	2	Total Sustainment(\$K/Year):	15,474
Total Student Employees:	0	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	419	BOS Non-Payroll (\$K/Year):	15,730
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	0
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	251
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	2,030,218
Starting Facilities(KSF):	7,199	Svc/Agcy Recap Rate (Years):	103
Officer BAH (\$/Month):	1,002	Homeowner Assistance Program:	Yes
Enlisted BAH (\$/Month):	751		
Civ Locality Pay Factor:	1.109	TRICARE	In-Pat Out-Pat
Area Cost Factor:	1.05		Admits Visits Prescrip
Per Diem Rate (\$/Day):	86	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
Latitude:	39.716667	Retiree	0 0 0
Longitude:	-86.266667	Retiree65+	0 0 0

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
 04272005.CBR
 Option Pkg Name: IND 0113 Realign Sierra AD
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: MCALESTER, OK (40549)

Total Officer Employees:	3	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	33	Total Sustainment(\$K/Year):	21,594
Total Student Employees:	34	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	1,308	BOS Non-Payroll (\$K/Year):	23,744
Accomp Mil not Receiving BAH:	7.3%	BOS Payroll (\$K/Year):	20,023
Officer Housing Units Avail:	1	Family Housing (\$K/Year):	60
Enlisted Housing Units Avail:	3	Installation PRV(\$K):	2,496,595
Starting Facilities(KSF):	9,677	Svc/Agcy Recap Rate (Years):	103
Officer BAH (\$/Month):	872	Homeowner Assistance Program:	Yes
Enlisted BAH (\$/Month):	615		
Civ Locality Pay Factor:	1.109	TRICARE	In-Pat Out-Pat
Area Cost Factor:	0.84		Admits Visits Prescrip
Per Diem Rate (\$/Day):	86	CostFactor	0.00 120.57 0.00
Freight Cost (\$/Ton/Mile):	0.33	Actv MTF	0 97 0
Vehicle Cost (\$/Lift/Mile):	4.84	Actv Purch	15 1,018
Latitude:	34.833333	Retiree	0 1,893 0
Longitude:	-95.925000	Retiree65+	0 18 0

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: SIERRA, CA (06821)

	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	0	7,026	7,026	7,026	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	4,660	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):	1,556	FH ShDn:	0.000%

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra 04272005.CBR
 Option Pkg Name: IND 0113 Realign Sierra AD
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: TOOELE, UT (49878)

	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	701	74	74	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	100	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: CRANE AAP, IN (18174)

	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	597	597	597	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	100	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\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
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 Option Pkg Name: IND 0113 Realign Sierra AD
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INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: MCALESTER, OK (40549)

	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	1,342	1,342	1,342	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	100	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: CRANE AAP, IN (18174)

	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:	0	0	0	-1	0	0
Civ Prog nonBRAC Change:	64	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: MCALESTER, OK (40549)

	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:	0	0	0	0	0	0
Civ Prog nonBRAC Change:	-64	0	0	0	0	0
Stu Prog nonBRAC Change:	0	0	0	0	0	0
Prog FH Privatization:	0%	0%	0%	0%	0%	0%

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
 04272005.CBR
 Option Pkg Name: IND 0113 Realign Sierra AD
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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:	2.80%	

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

Department : Industrial
Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
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Option Pkg Name: IND 0113 Realign Sierra AD
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FOOTNOTES FOR SCREEN ONE

=====
Realign Sierra Army Depot, CA. Relocate storage to Tooele Army Depot, NV and Demil to Blue Grass Army
Depot, KY, Crane AAA, IN and McAlester AAP, OK.

NOTE: Blue Grass was in the scenario, but no workload moved to Blue Grass because Crane, McAlester,
and Tooele were closer and have lower transportation cost.

FOOTNOTES FOR SCREEN THREE

=====
No personnel moved. Workload absorbed by gaining site.

FOOTNOTES FOR SCREEN FIVE

=====
SIERRA:

FY 08, 09, 10 \$7,026k each year: Cost to transport and issue 30,765 STS of DEMIL stock to the gaining
sites over the 3 years (MA-12 Action 12)

FY 08 \$4,660k: Cost to move serviceable stock to gaining site (MA-2 Action 8)

1,556KSF: Fac ShDn is derived from Capacity Data Call Question 517.

TOOELE:

FY 08 \$701k: \$74k to receipt demil stocks (MA-12 Action 12)
\$627k to receipt serviceable stocks (MA-2 Action 8)

FY 09 \$74k.: Cost to receipt demil stocks (MA-12 Action 12)

FY 10 \$74k: Cost to receipt demil stocks (MA-12 Action 12)

FY 10 \$100k: From page 8 of criteria 8, Summary of Scenario Environmental Impacts, "COBRA costs" for
NEPA. FY 10 was selected because the shipment of stock begins in FY 08 and finishes in FY 10. This will
allow the Military Departments to set permits, waivers, and restrictions in place and complete
decommissioning by the end of FY 11.

CRANE:

FY 08 \$597k: Cost to receipt 2,971 tons of DEMIL stock (MA-12 Action 12)

FY 09 \$597k: Cost to receipt 2,971 tons of DEMIL stock (MA-12 Action 12)

FY 10 \$597k: Cost to receipt 2,971 tons of DEMIL stock (MA-12 Action 12)

FY 10 \$100k: From page 8 of criteria 8, Summary of Scenario Environmental Impacts, "COBRA costs" for
NEPA. FY 10 was selected because the shipment of stock begins in FY 08 and finishes in FY 10. This will
allow the Military Departments to set permits, waivers, and restrictions in place and complete
decommissioning by the end of FY 11.

McAlester:

FY 08 \$1,342k: Cost to receipt 6,991 tons of DEMIL stock (MA-12 Action 12)

Department : Industrial
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FY 09 \$1,342k: Cost to receipt 6,991 tons of DEMIL stock (MA-12 Action 12)

FY 10 \$1,342k: Cost to receipt 6,991 tons of DEMIL stock (MA-12 Action 12)

FY 10 \$100k: From page 8 of criteria 8, Summary of Scenario Environmental Impacts, "COBRA costs" for NEPA. FY 10 was selected because the shipment of stock begins in FY 08 and finishes in FY 10. This will allow the Military Departments to set permits, waivers, and restrictions in place and complete decommissioning by the end of FY 11.

FOOTNOTES FOR SCREEN SIX

=====

Personnel are not needed at the gaining site. Sufficient personnel and capability already exists.

TOTAL COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10)
Data As Of 4/27/2005 12:56:21 PM, Report Created 4/27/2005 1:12:51 PM

Department : Industrial
Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
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Option Pkg Name: IND 0113 Realign Sierra AD
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All values in 2005 Constant Dollars

Base Name	Total MilCon*	Milcon Cost Avoidance	Total Net Costs
-----	-----	-----	-----
SIERRA	0	0	0
TOOELE	0	0	0
CRANE AAP	0	0	0
MCALESTER	0	0	0
-----	-----	-----	-----
Totals:	0	0	0

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

COBRA NET PRESENT VALUES REPORT (COBRA v6.10)

Data As Of 4/27/2005 12:56:21 PM, Report Created 4/27/2005 1:12:51 PM

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
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Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
----	-----	-----	-----
2006	-1,130,714	-1,115,208	-1,115,208
2007	-2,378,127	-2,281,631	-3,396,839
2008	10,701,739	9,987,840	6,591,000
2009	4,167,005	3,783,103	10,374,103
2010	3,219,592	2,843,360	13,217,463
2011	-7,367,782	-6,329,576	6,887,887
2012	-7,484,482	-6,254,700	633,187
2013	-7,484,482	-6,084,338	-5,451,151
2014	-7,484,482	-5,918,617	-11,369,769
2015	-7,484,482	-5,757,410	-17,127,179
2016	-7,484,482	-5,600,593	-22,727,772
2017	-7,484,482	-5,448,048	-28,175,820
2018	-7,484,482	-5,299,657	-33,475,477
2019	-7,484,482	-5,155,309	-38,630,786
2020	-7,484,482	-5,014,892	-43,645,678
2021	-7,484,482	-4,878,299	-48,523,977
2022	-7,484,482	-4,745,427	-53,269,405
2023	-7,484,482	-4,616,174	-57,885,579
2024	-7,484,482	-4,490,442	-62,376,021
2025	-7,484,482	-4,368,134	-66,744,156

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
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 Option Pkg Name: IND 0113 Realign Sierra AD
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(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	700,200	
Total - Overhead		700,200
Moving		
Civilian Moving	0	
Civilian PPP	0	
Military Moving	0	
Freight	0	
Information Technologies	0	
One-Time Moving Costs	11,328,780	
Total - Moving		11,328,780
Other		
HAP / RSE	0	
Environmental Mitigation Costs	300,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	21,078,420	
Total - Other		21,378,420

Total One-Time Costs		33,407,400

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		33,407,400

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
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Base: SIERRA, CA (06821)
 (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	700,200	
Total - Overhead		700,200
Moving		
Civilian Moving	0	
Civilian PPP	0	
Military Moving	0	
Freight	0	
Information Technologies	0	
One-Time Moving Costs	4,660,320	
Total - Moving		4,660,320
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	21,078,420	
Total - Other		21,078,420

Total One-Time Costs		26,438,940

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		26,438,940

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
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 Option Pkg Name: IND 0113 Realign Sierra AD
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: TOOELE, UT (49878)
 (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	850,260	
Total - Moving		850,260
Other		
HAP / RSE	0	
Environmental Mitigation Costs	100,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		100,000

Total One-Time Costs		950,260

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		950,260

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
 04272005.CBR
 Option Pkg Name: IND 0113 Realign Sierra AD
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: CRANE AAP, IN (18174)
 (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	1,792,440	
Total - Moving		1,792,440
Other		
HAP / RSE	0	
Environmental Mitigation Costs	100,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		100,000

Total One-Time Costs		1,892,440

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		1,892,440

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
 04272005.CBR
 Option Pkg Name: IND 0113 Realign Sierra AD
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: MCALESTER, OK (40549)
 (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	4,025,760	
Total - Moving		4,025,760
Other		
HAP / RSE	0	
Environmental Mitigation Costs	100,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		100,000

Total One-Time Costs		4,125,760

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		4,125,760

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
 04272005.CBR
 Option Pkg Name: IND 0113 Realign Sierra AD
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\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	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 RETIREMENTS		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\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
 04272005.CBR
 Option Pkg Name: IND 0113 Realign Sierra AD
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: SIERRA, CA (06821)	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\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
 04272005.CBR
 Option Pkg Name: IND 0113 Realign Sierra AD
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: TOOELE, UT (49878)	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\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
 04272005.CBR
 Option Pkg Name: IND 0113 Realign Sierra AD
 Std Fctrs File : C:\Documents and Settings\\Desktop\COBRA 6.10\BRAC2005.SFF

Base: CRANE AAP, IN (18174)	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\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
 04272005.CBR
 Option Pkg Name: IND 0113 Realign Sierra AD
 Std Fctrs File : C:\Documents and Settings\\Desktop\COBRA 6.10\BRAC2005.SFF

Base: MCALESTER, OK (40549)	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\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
 04272005.CBR
 Option Pkg Name: IND 0113 Realign Sierra AD
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: SIERRA, CA (06821)

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: TOOELE, UT (49878)

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: CRANE AAP, IN (18174)

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\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
 04272005.CBR
 Option Pkg Name: IND 0113 Realign Sierra AD
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: MCALESTER, OK (40549)

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%

COBRA TOTAL PERSONNEL SUMMARY REPORT (COBRA v6.10)

Data As Of 4/27/2005 12:56:21 PM, Report Created 4/27/2005 1:12:51 PM

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
 04272005.CBR
 Option Pkg Name: IND 0113 Realign Sierra AD
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

TOTAL SCENARIO POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
----- 46	----- 554	----- 34	----- 2,772

TOTAL PROGRAMMED INSTALLATION (NON-BRAC) CHANGES, ENTIRE SCENARIO:

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

TOTAL SCENARIO POPULATION (FY 2005, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
----- 46	----- 553	----- 34	----- 2,772

TOTAL PERSONNEL REALIGNMENTS, ENTIRE SCENARIO):

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

TOTAL SCENARIO POSITION CHANGES, ENTIRE SCENARIO:

	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	0	0	0	0
TOTAL	0	0	0	0	0	0	0

TOTAL SCENARIO POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
----- 46	----- 553	----- 34	----- 2,772

Department : Industrial
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra 04272005.CBR
 Option Pkg Name: IND 0113 Realign Sierra AD
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

PERSONNEL SUMMARY FOR: SIERRA, CA (06821)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: SIERRA, CA (06821)

Officers	Enlisted	Students	Civilians
3	0	0	519

BASE POPULATION (After BRAC Action) FOR: SIERRA, CA (06821)

Officers	Enlisted	Students	Civilians
3	0	0	519

PERSONNEL SUMMARY FOR: TOOELE, UT (49878)

BASE POPULATION (FY 2005, Prior to BRAC Action) FOR: TOOELE, UT (49878)

Officers	Enlisted	Students	Civilians
38	519	0	526

BASE POPULATION (After BRAC Action) FOR: TOOELE, UT (49878)

Officers	Enlisted	Students	Civilians
38	519	0	526

PERSONNEL SUMMARY FOR: CRANE AAP, IN (18174)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
2	2	0	419

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: CRANE AAP, IN (18174)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	-1	0	0	-1
Students	0	0	0	0	0	0	0
Civilians	64	0	0	0	0	0	64
TOTAL	64	0	0	-1	0	0	63

BASE POPULATION (Prior to BRAC Action) FOR: CRANE AAP, IN (18174)

Officers	Enlisted	Students	Civilians
2	1	0	483

BASE POPULATION (After BRAC Action) FOR: CRANE AAP, IN (18174)

Officers	Enlisted	Students	Civilians
2	1	0	483

PERSONNEL SUMMARY FOR: MCALESTER, OK (40549)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
3	33	34	1,308

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: MCALESTER, OK (40549)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	-64	0	0	0	0	0	-64
TOTAL	-64	0	0	0	0	0	-64

Department : Industrial
Scenario File : Z:\Cobra\Munitions&Armaments\IND 0113 Realign Sierra AD\IND 0113 Realign Sierra AD Cobra
04272005.CBR
Option Pkg Name: IND 0113 Realign Sierra AD
Std Fctrs File : C:\Documents and Settings\\Desktop\COBRA 6.10\BRAC2005.SFF

BASE POPULATION (Prior to BRAC Action) FOR: MCALESTER, OK (40549)

Officers	Enlisted	Students	Civilians
----- 3	----- 33	----- 34	----- 1,244

BASE POPULATION (After BRAC Action) FOR: MCALESTER, OK (40549)

Officers	Enlisted	Students	Civilians
----- 3	----- 33	----- 34	----- 1,244

Economic Impact Report

This report depicts the economic impact of the following Scenarios:

IND-0113: Realign Sierra Army Depot

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

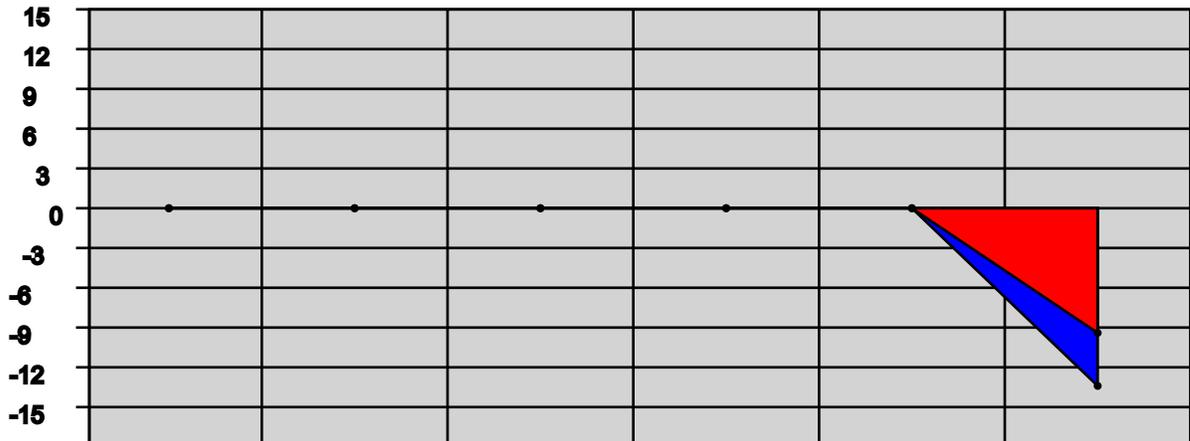
ECONOMIC IMPACT DATA

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

Overall Economic Impact of Proposed BRAC-05 Action:

ROI Population (2002):	33,576
ROI Employment (2002):	14,296
Authorized Manpower (2005):	522
Authorized Manpower(2005) / ROI Employment(2002):	3.65%
Total Estimated Job Change:	-17
Total Estimated Job Change / ROI Employment(2002):	-0.12%

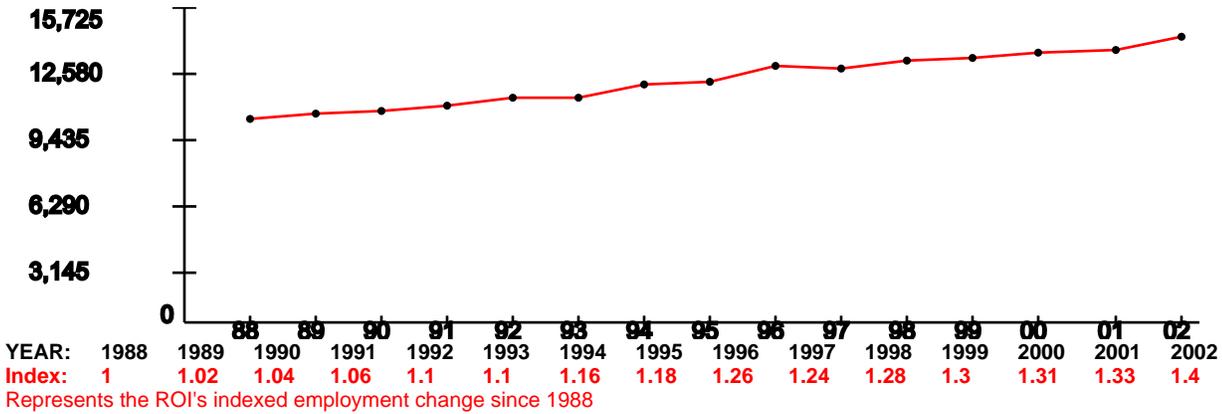
Cumulative Job Change (Gain/Loss) Over Time:



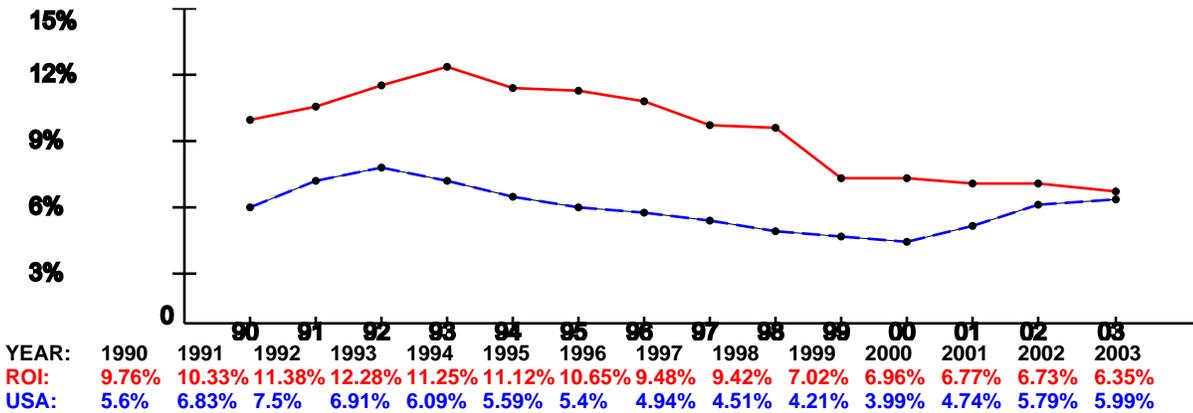
YEAR:	2006	2007	2008	2009	2010	2011
Direct Military:	0	0	0	0	0	0
Direct Civllian:	0	0	0	0	0	-12
Direct Student:	0	0	0	0	0	0
Direct Contractor:	0	0	0	0	0	0
Cumulative Direct:	0	0	0	0	0	-12
Cum Indlr/Induc:	0	0	0	0	0	-5
Cumulative Total:	0	0	0	0	0	-17

Susanville, CA Micropolitan Statistical Area Trend Data

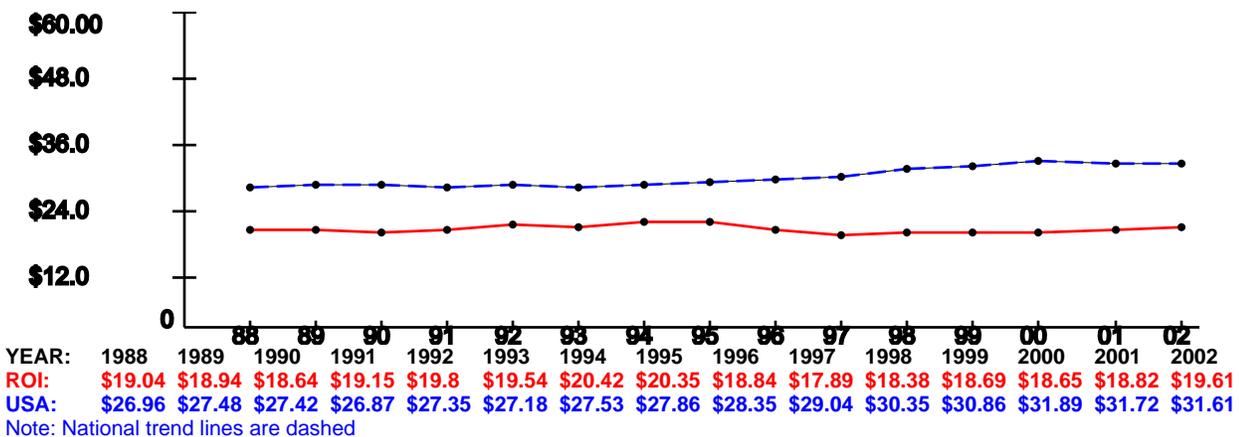
Employment Trend (1988-2002)



Unemployment Percentage Trend (1990-2003)



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



CRANE ARMY AMMUNITION ACTIVITY, IN

Demographics

The following tables provide a short description of the area near the installation/activity. CRANE ARMY AMMUNITION ACTIVITY is 91.2 miles from Indiananpolis, IN, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Bloomington, IN MSA	120,563

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

County/City	Population
Greene	33157
Martin	10369
Monroe	120563
Owen	21786
Total	185,875

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)	\$33,984	Basis: 4 of 4 counties
Median House Value	(US Avg \$119,600)	\$98,773	
GS Locality Pay	("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate		\$1,002	
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.

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

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	29,498	10 of 10 districts
Students Enrolled	24,008	10 of 10 districts
Average Pupil/Teacher Ratio	18.5:1	10 of 10 districts
High School Students Enrolled	24,002	10 of 10 districts
Average High School Graduation Rate (US Avg 67.3%)	90.7%	10 of 10 districts
Average Composite SAT I Score (US Avg 1026)	1008	10 of 10 districts
Average ACT Score (US Avg 20.8)	19	10 of 10 districts
Available Graduate/PhD Programs	1	
Available Colleges and/or Universities	2	
Available Vocational and/or Technical Schools	1	

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	4.0%	3.1%	4.3%	4.5%	4.4%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	4 of 4 counties				

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

	1999	2000	2001	2002	2003
Local Data	-.2%	-1.1%	1.4%	.1%	2.9%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	4 of 4 counties				

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	7,746	Basis: 4 of 4 counties
Vacant Sale Units	1,220	
Vacant Rental Units	1,940	

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	314	875	185,875	Basis: 4 of 4 counties
Ratio	1:592	1:212		
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	1,729.5	Basis: 4 of 4 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 CRANE ARMY AMMUNITION ACTIVITY to nearest commercial airport: 91.2 miles
 Is CRANE ARMY AMMUNITION ACTIVITY 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

MCALESTER AAP, OK

Demographics

The following tables provide a short description of the area near the installation/activity. MCALESTER AAP is 91 miles from Tulsa, OK, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Fort Smith, AR MSA	207,290

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

County/City	Population
Pittsburg	43953
Total	43,953

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 1

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)	\$28,679	Basis: 1 of 1 county
Median House Value	(US Avg \$119,600)	\$53,400	
GS Locality Pay	("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate		\$ 811	
In-state Tuition for Family Member		Yes	
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.

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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	4,399	5 of 5 districts
Students Enrolled	26,685	5 of 5 districts
Average Pupil/Teacher Ratio	15.9:1	5 of 5 districts
High School Students Enrolled	1,281	5 of 5 districts
Average High School Graduation Rate (US Avg 67.3%)	70.8%	5 of 5 districts
Average Composite SAT I Score (US Avg 1026)		5 of 5 districts
Average ACT Score (US Avg 20.8)	21	5 of 5 districts
Available Graduate/PhD Programs	0	
Available Colleges and/or Universities	1	
Available Vocational and/or Technical Schools	1	

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	6.2%	4.7%	4.2%	5.7%	6.3%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	1 of 1 county				

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

	1999	2000	2001	2002	2003
Local Data	6.5%	-3.0%	1.4%	2.9%	5.2%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	1 of 1 county				

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	4,363	Basis: 1 of 1 county
Vacant Sale Units	320	
Vacant Rental Units	538	

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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			43,953	Basis: 1 of 1 county
Ratio	1:	1:		
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	4,743.0	Basis: 1 of 1 county
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 MCALESTER AAP to nearest commercial airport: 96.0 miles

Is MCALESTER 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

SIERRA ARMY DEPOT, CA

Demographics

The following tables provide a short description of the area near the installation/activity. SIERRA ARMY DEPOT is 50.2 miles from Reno, NV, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Redding, CA MSA	163,256

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

County/City	Population
Lassen	33828
Total	33,828

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 0

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)	\$36,310	Basis: 1 of 1 county
Median House Value	(US Avg \$119,600)	\$106,700	
GS Locality Pay	("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate		\$1,119	
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.

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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	400	1 of 1 district
Students Enrolled	180	1 of 1 district
Average Pupil/Teacher Ratio	18.0:1	1 of 1 district
High School Students Enrolled	77	1 of 1 district
Average High School Graduation Rate (US Avg 67.3%)	100.0%	1 of 1 district
Average Composite SAT I Score (US Avg 1026)	1075	1 of 1 district
Average ACT Score (US Avg 20.8)	29	1 of 1 district
Available Graduate/PhD Programs	0	
Available Colleges and/or Universities	1	
Available Vocational and/or Technical Schools	0	

Employment

Employment 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	7.0%	7.0%	6.8%	6.7%	6.3%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	1 of 1 county				

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

	1999	2000	2001	2002	2003
Local Data	.6%	-1.8%	2.2%	4.6%	1.2%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	1 of 1 county				

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	2,375	Basis: 1 of 1 county
Vacant Sale Units	288	

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

Vacant Rental Units	466	
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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	30	58	33,828	Basis: 1 of 1 county
Ratio	1:1,128	1:583		
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	3,944.0	Basis: 1 of 1 county
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 SIERRA ARMY DEPOT to nearest commercial airport: 55.0 miles

Is SIERRA ARMY DEPOT 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

TOOELE ARMY DEPOT, UT

Demographics

The following tables provide a short description of the area near the installation/activity. TOOELE ARMY DEPOT is 38.6 miles from Salt Lake City, UT, the nearest city with a population of 100,000 or more. The nearest metropolitan statistical area (MSA) is

MSA	Population
Salt Lake City, UT MSA	1,333,914

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

County/City	Population
Davis	238994
Salt Lake	898387
Tooele	40735
Total	1,178,116

Child Care

This attribute captures the number of nationally accredited child-care centers within the local community: 0

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)	\$49,369	Basis: 3 of 3 counties
Median House Value (US Avg \$119,600)	\$155,869	
GS Locality Pay ("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate	\$1,029	
In-state Tuition for Family Member	Yes	
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.

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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	12,000	1 of 1 district
Students Enrolled	9,916	1 of 1 district
Average Pupil/Teacher Ratio	26.1:1	1 of 1 district
High School Students Enrolled	2,417	1 of 1 district
Average High School Graduation Rate (US Avg 67.3%)	90.0%	1 of 1 district
Average Composite SAT I Score (US Avg 1026)		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	1	
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	5.5%	3.1%	4.3%	6.2%	5.7%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	3 of 3 counties				

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

	1999	2000	2001	2002	2003
Local Data	2.3%	1.7%	-.6%	-1.4%	1.7%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	3 of 3 counties				

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	19,895	Basis: 3 of 3 counties
Vacant Sale Units	5,769	
Vacant Rental Units	8,207	

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	2,900	2,018	1,178,116	Basis: 3 of 3 counties
Ratio	1:406	1:584		
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	1,459.2	Basis: 3 of 3 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 TOOELE ARMY DEPOT to nearest commercial airport: 37.1 miles
 Is TOOELE ARMY DEPOT 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

SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS**[TABS FINAL VERSION]****SCENARIO #641****TITLE: IND-0113V_2 REALIGN SIERRA ARMY DEPOT****GENERAL DESCRIPTION: Realign Sierra Army Depot. Relocate demilitarization workload to Tooele Army Depot.**This assessment is based on the following assumptions:

1. BRAC action is re-alignment, not closure.
2. No personnel or facilities are added to Tooele AD, McAlester AD or Crane AD under this proposal.

ANALYST: _____**LAST UPDATE: 29 APRIL 2005**

Env Resource Area	#1 Gaining Installation Assessment Inst Name: Tooele AD	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No impact.	#213 In attainment for all pollutants per State Division of Air Quality web site http://www.airquality.utah.gov/planning/nonattainment.htm . #211 - No permit/Major Source thresholds reported #214 Not projected to be in non-attainment areas #212 No Top 5 Haz. Pollutants reported #218/ISR No restrictions #220 No Permits (reported N/A)
Cultural/Archeological/Tribal Resources	2 archeological/sacred burial sites identified causing restrictions on training. No historic property identified. One tribe asserts interest in archaeological resources. A potential impact may occur as a result of increased time delays and negotiated restrictions. Since there is no Programmatic Agreement in place, potential impacts may occur, since resources must be evaluated on a case-by-case basis. Cultural/archaeological/historical resources currently restrict operations. Additional operations may impact these resources, which may lead to restrictions on these operations as well. Likely no impact; no new construction required.	#229, 231 No cemeteries/native people's sites #233 48% installation surveyed #235 No Historic properties/districts identified #230 2 archeological/sacred burial sites identified and one site restricts training in 150-acre area. #234 Skull Valley Band of Goshute Indians has asserted interest in some archeological resource – contact is rare #236 No programmatic Agreement
Dredging	No impact.	No dredging impacts for this scenario.
Land Use Constraints/Sensitive Resource Areas	No impact.	#30 12,360 buildable acres available available, none required for this proposal. #201 No constraints #254, #256 No SRA restrictions CERL Study – Minimal encroachment

Marine Mammals/Marine Resources/Marine Sanctuaries	No impact.	There are no impacts to marine resources from this proposal.
Noise	No impact.	#239 Installation has 18.7 acres of Noise zone II that extend off the installation boundaries, which is minimally encroached by development
Threatened & Endangered Species/Critical Habitat	No impact.	#249 No restrictions #259 No TES #260 No critical habitat #261 No biological opinion #262 No species restrictions #263, 264 No candidate species, no proposed habitat
Waste Management	No impact.	# 269 Gaining installation has a RCRA Part X Permit
Water Resources	No impact.	#276 Installation not over a recharge zone #278 Not subject to McCarren Act #279 Installation does not discharge into impaired waterway #282 No industrial waste water treatment plant #293 No potable water restrictions #297 Installation uses one On Military Installation Govt Owned Plant and one Off Military Installation Publicly Owned Plant for sewage treatment. On Installation Sewage Treatment plant may require upgrade based on reported permitted/maximum daily outflows #291- Installation uses one Off Military Installation Publicly Owned plant and one On Military Installation Govt Owned Plant for potable water. IREM reports infrastructure can support 608 additional personnel
Wetlands	No impact.	#251 - Wetlands survey completed 06/01 #257 -There are no jurisdictional wetlands on installation.

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED);

SCENARIO #IND-0113V2_2 (641)

Env Resource Area	#2 Gaining Installation Assessment Inst Name: McAlester AAP	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No Impact. Installation is in attainment for all criteria pollutants	#211 – Threshold exceedences reported for PM10 and VOC #212-Exceed major source threshold for Manganese #213 In attainment for CO and Ozone (1 hour) rest are “unclassifiable” (Per EPA website, considered in attainment) #218/ISR2 No mission impact indicated #220 Major Operating Permit, Title V permits for installation.
Cultural/Archeological/Tribal Resources	A very limited portion these installation has been surveyed for cultural resources (<5%); therefore, the extent of cultural resources on the installation and impacts to these resources is uncertain. A potential impact may occur as a result of increased time delays and negotiated restrictions. Since there is no Programmatic Agreement in place, potential impacts may occur since resources must be evaluated on a case-by-case basis. Likely no impact; no new construction required.	#201 No constraints #229, 231 No cem/native people’s sites #230 No arch resources identified. #232- High potential for arch sites #233 – 4.45% of installation surveyed #234 – Choctow, Caddo, Quapaw, Wichita, Chickasaw, have asserted interest in some archeological resource #235 – 5 Historic districts identified with 210 historic properties #236 – No Prog. Agreement in place ISR2 - no adverse impact to mission.
Dredging	No Impact	No dredging impacts for this scenario.
Land Use Constraints/Sensitive Resource Areas	No Impact	#30 - 28,290 buildable acres available, 0 acres required #254 -No SRAs restricting training/mission #256 -No SRAs nearby CERL-Minimal Encroachment
Marine Mammals/Marine Resources	No Impact	There are no impacts to marine resources from this proposal.
Noise	No Impact	#239 - No Noise contours that extend offsite.

Threatened & Endangered Species/Critical Habitat	No Impact. TES on installation include American Burying Beetle and restrict operations. Additional operations may further impact TES, leading to additional restrictions on operations.	#249 - No restrictions #259 - 1 species (American Burying Beetle) inhabits main installation area (soil disruptions of >5 acres must be coordinated with USFWS) #260 - No critical habitat #261 - No biological opinion #262 - No restrictions #263, 264 - No candidate species, no proposed habitat
Waste Management	No Impact	#269- Installation has a RCRA X Permit (interim or final status not specified) #265 – Has hazardous waste TSD facility (RCRA Part B Permit) #272 – Has SWDF; 33% filled
Water Resources	Likely No Impact. Water quality impaired by pollutant loadings. Current operations may contribute to impaired water quality. Significant mitigation measures to limit releases may be required to reduce impacts to water quality and achieve USEPA Water Quality Standards.	#276 Installation not over a recharge zone #278 Not subject to McCarren Act #279 Installation discharges to an impaired waterway (organic loading), but current operations do not further impair waterway #293 No potable water restrictions #282 Installation uses one On Military Installation Gov't-Owned Plant for industrial wastewater treatment #297 – Installation uses one On Military Installation Gov't-Owned STP #291-1 On Military Installation Gov't-Owned Plant for potable water IREM -infrastructure can support additional 1,974 personnel
Wetlands	No Impact	#251 Installation surveyed 9/20/99 #257 6.86% of installation is constrained by wetlands.

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED);**SCENARIO #IND-0113V2_2 (641)**

Env Resource Area	#3 Gaining Installation Assessment Inst Name : Crane AD	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No impact. Installation is in attainment for all criteria pollutants.	#213 – Installation is in attainment area for all criteria pollutants. #211 - Exceeded major source threshold limits for NOX, PM10 and CO. #212-No permit limits reported #220 -Major operating permit #218/ISR2 - No mission impact indicated.
Cultural/Archeological/Tribal Resources	A very limited portion these installation has been surveyed for cultural resources (<5%); therefore, the extent of cultural resources on the installation and impacts to these resources is uncertain. A potential impact may occur as a result of increased time delays and negotiated restrictions. Since there is no Programmatic Agreement in place, potential impacts may occur since resources must be evaluated on a case-by-case basis. Likely no impact; no new construction required.	#201 No constraints #229, 231 No cemeteries/native people's sites #233 - 2.34% installation surveyed #230 - 63 archeological resources; most restrict future construction and training/operations #232 - High potential for arch sites #234 - No tribes have asserted interest; #235 - 3 historic districts with 64 total resources; 185 acres affected #236 - Programmatic Agreement in place. ISR2 - No adverse impact to mission.
Dredging	No Impact	No dredging impacts for this scenario.
Land Use Constraints/Sensitive Resource Areas	No Impact	#30 - 5,429 buildable acres available and 0 needed. #254, #256 No SRA restricting training/mission CERL-Minimal encroachment
Marine Mammals/Marine Resources/Sanctuaries	No Impact	There are no impacts to marine resources from this proposal.
Noise	No Impact.	#239 – 4,650 acres of Noise Zone 2 extend off installation, which is minimally encroached by development.

<p>Threatened & Endangered Species/Critical Habitat</p>	<p>No Impact. TES on installation include the Indiana Bat and Bald Eagle.</p> <p>TES already restrict operations. Additional operations may further impact TES, leading to additional restrictions on operations.</p>	<p>#249 - No restrictions #259 - 2 Federal TES species (Indiana Bat, Bald Eagle) on site, affects 80 acres (no destruction of trees 600 feet radius distance from nesting site during certain times) #260 - No critical habitat #261 - No biological opinion #262 - No restrictions #263, 264 - No candidate species, no proposed habitat</p>
<p>Waste Management</p>	<p>No Impact.</p>	<p>#269 – Has RCRA Subpart X Permit #265 – Has hazardous waste TSD facility #272 – Has SWDF; 70% filled</p>
<p>Water Resources</p>	<p>Likely No Impact. Water quality impaired by pollutant loadings. Current operations may contribute to impaired water quality. Significant mitigation measures to limit releases may be required to reduce impacts to water quality and achieve USEPA Water Quality Standards.</p> <p>Wastewater permit modifications/pollution prevention measures may be required due to additional workload.</p>	<p>#276 Installation not over a recharge zone #278 Not subject to McCarren Act #279 Installation does discharge into impaired waterway (E.coli)– which is source of drinking water #293 No potable water restrictions #282 Numerous On Military Installation Govt Owned Plants for industrial wastewater treatment. Significant industrial wastewater treatment capacity on installation. IREM indicates water infrastructure can support additional 1,020 personnel #291-1 On Military Installation Govt Owned Plant for potable water #297-1 On Military Installation Govt Owned Plant for sewage treatment</p>
<p>Wetlands</p>	<p>No Impact.</p>	<p>#251 - Installation surveyed on 6/98 #257 - 5% of the installation has restricted wetlands (no dredging)</p>

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED);

SCENARIO #IND-0113V2_2 (641)

Env Resource Area	<i>Losing</i> Installation Assessment Inst Name: Sierra AD	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No impact	Environmental impact in all 10 areas is considered neutral or positive to losing installation.
Cultural/Archaeological/Tribal Resources	No impact	
Dredging	No impact	
Land Use Constraints/Sensitive Resource Areas	No impact	
Marine Mammals/Marine Resources/Sanctuaries	No impact	
Noise	No impact	
Threatened & Endangered Species/Critical Habitat	No impact	
Waste Management	No impact	
Water Resources	No impact	
Wetlands	No impact	

SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED);

SCENARIO #IND-0113V2_2 (641)

IMPACTS OF COSTS

Env Resource Area	Gaining Installation Inst Name: Tooele AD, Crane AD, McAlester AD	Losing Installation Inst Name: Sierra Army Depot
Environmental Restoration*	None for all installations.	None.
Waste Management	None for all installations.	None.
Environmental Compliance*	<p><u>Tooele AD:</u> -Realignment NEPA at gaining base —\$100K (EA)</p> <p><u>McAlester AD:</u> -Realignment NEPA at gaining base —\$100K (EA) -Endangered Species Management (includes monitoring) -\$20K-\$2M -Install Best Management Practices to protect impaired waterways and reduce non-point source runoff from training areas and ranges -\$100K-\$3M</p> <p><u>Crane AD:</u> -Realignment NEPA at gaining base —\$100K (EA) -Endangered Species Management (includes monitoring) -\$20K-\$2M -Install Best Management Practices to protect impaired waterways and reduce non-point source runoff from training areas and ranges -\$100K-\$3M</p>	None.
COBRA Costs:	<p><u>Tooele AD:</u> NEPA-\$100K (EA)</p> <p><u>McAlester AD:</u> NEPA-\$100K (EA)</p> <p><u>Crane AD:</u> NEPA-\$100K (EA)</p>	None.

* Although this scenario involves industrial realignments, a cost of \$100K per installation for an EA was assigned (thereby deviating from the normally assigned \$1M EIS cost for industrial scenarios), due to the storage-based nature of these realignments and lack of construction or personnel involved.

INSTALLATION ENVIRONMENTAL PROFILE
CRANE ARMY AMMUNITION ACTIVITY

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. [CRANE ARMY AMMUNITION ACTIVITY is in Attainment for all Criteria Pollutants. It holds a CAA Major Operating Permit.](#)

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 CRANE ARMY AMMUNITION ACTIVITY. There is a programmatic agreement for historic property in place with the SHPO. It has sites with high archeological potential identified, which restrict operations and do not restrict construction.](#)

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. [CRANE ARMY AMMUNITION ACTIVITY 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. [CRANE ARMY AMMUNITION ACTIVITY](#) reports that [5999](#) unconstrained acres are available for development out of [62469](#) total acres. [CRANE ARMY AMMUNITION ACTIVITY](#) has spent [\\$68.40000000000006M](#) thru FY03 for environmental restoration, and has estimated the remaining Cost to Complete at [\\$52M](#). [CRANE ARMY AMMUNITION ACTIVITY](#) has Explosive Safety Quantity Distance Arcs, [some of which require safety waivers, and none with the potential for expansion](#).

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. [CRANE ARMY AMMUNITION ACTIVITY](#) 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. [CRANE ARMY AMMUNITION ACTIVITY](#) has noise contours that extend off the installation's property. [Of the 4650 acres that extend to off-base property, 0 acres have incompatible land uses](#). It has published noise abatement procedures for the main installation. [It has noise contours that extend off of the range property. Of the 44206 acres that extend to off-range property, 0 acres have incompatible land uses. It does not have published noise abatement procedures for the training and/or RDT&E range](#).

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. [CRANE ARMY AMMUNITION ACTIVITY](#) reported that federally-listed TES [are 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. **CRANE ARMY AMMUNITION ACTIVITY** has a permitted RCRA Treatment Storage and Disposal Facility (TSDF) that accepts off-site waste. **CRANE ARMY AMMUNITION ACTIVITY** has an interim or final RCRA Part X facility that accepts off-site waste. **CRANE ARMY AMMUNITION ACTIVITY** has an on-base solid waste disposal facility that is 70% filled.

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. **CRANE ARMY AMMUNITION ACTIVITY** discharges to an impaired waterway. Groundwater contamination is reported. Surface water contamination is reported.
(The following water quantity data is from DoD Question # 282, 291, 297, 822, 825, 826):
CRANE ARMY AMMUNITION ACTIVITY has 11720.1 Acre-Feet of surplus water potentially available for expansion. On average, it uses 0.6998699999999999 MGD of potable and non-potable water, with the capacity to produce 2.2999999999999998 MGD. It processed on average 1.26 MGD of domestic wastewater in the peak month (past 3 years), with the capacity to process 2.1000000000000001 MGD. It processed on average 0 MGD of industrial wastewater in the peak month (past 3 years), with the capacity to process 4.0538000000000007 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. **CRANE ARMY AMMUNITION ACTIVITY** reported 5% wetland restricted acres on the main installation, and no wetland restricted acres on ranges.

INSTALLATION ENVIRONMENTAL PROFILE

MCALESTER 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. **MCALESTER AAP is in Attainment for all Criteria Pollutants. It holds a CAA Major Operating Permit.**

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 MCALESTER AAP. There is no programmatic agreement for historic property in place with the SHPO. It has sites with high archeological potential identified, which do not restrict construction and do not restrict operations.**

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. **MCALESTER 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. **MCALISTER AAP** reports that 29753 unconstrained acres are available for development out of 44964 total acres. **MCALISTER AAP** has spent \$12.199999999999999M thru FY03 for environmental restoration, and has estimated the remaining Cost to Complete at \$8M. **MCALISTER AAP** has Explosive Safety Quantity Distance Arcs, some of which require safety waivers, and some with the potential for expansion. It has Military Munitions Response Areas. **MCALISTER AAP** reports being constrained by the laws, regulations, policies, or activities of non-DoD federal, tribal, state, or local agencies.

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. **MCALISTER 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. **MCALISTER AAP** does not have noise contours that extend off the installation's property. It has published noise abatement procedures for the main installation. It does not have published noise abatement procedures for the training and/or RDT&E range. It does not have published noise abatement procedures for the auxiliary airfield.

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. **MCALISTER AAP** reported that federally-listed TES are present that have delayed or diverted operations/training/testing, candidate species are not present, critical habitat is present that do not restrict operations, and the installation has a Biological Opinion that places restrictions on operations.

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. **MCALESTER AAP** has a permitted RCRA Treatment Storage and Disposal Facility (TSDF) . **MCALESTER AAP** has an interim or final RCRA Part X facility that accepts off-site waste. **MCALESTER 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. **MCALESTER AAP** discharges to an impaired waterway. Groundwater contamination is not reported. Surface water contamination is not reported. The state requires permits for the withdrawal of groundwater.

(The following water quantity data is from DoD Question # 282, 291, 297, 822, 825, 826):

MCALESTER AAP has 172 Acre-Feet of surplus water potentially available for expansion. On average, it uses 0.6500000000000002 MGD of potable and non-potable water, with the capacity to produce 1.4399999999999999 MGD. It processed on average 0.6400000000000001 MGD of domestic wastewater in the peak month (past 3 years), with the capacity to process 0.2999999999999999 MGD. It processed on average 0.05 MGD of industrial wastewater in the peak month (past 3 years), with the capacity to process 0.75 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. **MCALESTER AAP** reported 6.9% wetland restricted acres on the main installation, and no wetland restricted acres on ranges.

INSTALLATION ENVIRONMENTAL PROFILE

SIERRA ARMY DEPOT

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. SIERRA ARMY DEPOT is in Attainment for all Criteria Pollutants. It holds a CAA Major Operating Permit.

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 SIERRA ARMY DEPOT. There is a programmatic agreement for historic property in place with the SHPO. It has sites with high archeological potential identified, which do not restrict construction and do not restrict operations.

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. SIERRA ARMY DEPOT 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. SIERRA ARMY DEPOT reports that 1649 unconstrained acres are available for development out of 37937 total acres. SIERRA ARMY DEPOT has spent \$28777M thru FY03 for environmental restoration, and has estimated the remaining Cost to Complete at \$4670M. SIERRA ARMY DEPOT has Explosive Safety Quantity Distance Arcs, none of which require safety waivers, and some with the potential for expansion. It has Military Munitions Response Areas.

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. SIERRA ARMY DEPOT 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. SIERRA ARMY DEPOT does not have noise contours that extend off the installation's property. It has published noise abatement procedures for the main installation. It does not have published noise abatement procedures for the auxiliary airfield.

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. SIERRA ARMY DEPOT reported that federally-listed TES are present that have delayed or diverted operations/training/testing, 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. SIERRA ARMY DEPOT does not have a permitted RCRA Treatment Storage and Disposal Facility (TSDF). SIERRA ARMY DEPOT does not have an interim or final RCRA Part X facility. SIERRA ARMY DEPOT has an on-base solid waste disposal facility that is 25% filled.

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. SIERRA ARMY DEPOT 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):
SIERRA ARMY DEPOT has 4558.3000000000002 Acre-Feet of surplus water potentially available for expansion. On average, it uses 0.747 MGD of potable and non-potable water, with the capacity to produce 6612000 MGD. It processed on average 7.0000000000000007E-2 MGD of domestic wastewater in the peak month (past 3 years), with the capacity to process MGD. It processed on average 0 MGD of industrial wastewater in the peak month (past 3 years), with the capacity to process (No Capacity Reported) 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. SIERRA ARMY DEPOT reported 1% wetland restricted acres on the main installation, and no wetland restricted acres on ranges.

INSTALLATION ENVIRONMENTAL PROFILE

TOOELE ARMY DEPOT

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. TOOELE ARMY DEPOT is in Attainment for all Criteria Pollutants.

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 TOOELE ARMY DEPOT. There is no programmatic agreement for historic property in place with the SHPO. It does not have sites with high archeological potential identified. Contact with Native Tribes has rarely occurred.

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. TOOELE ARMY DEPOT 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. TOOELE ARMY DEPOT reports that 13460 unconstrained acres are available for development out of 23063 total acres. TOOELE ARMY DEPOT has spent \$82.29999999999997M thru FY03 for environmental restoration, and has estimated the remaining Cost to Complete at \$19M. TOOELE ARMY DEPOT has Explosive Safety Quantity Distance Arcs, none of which require safety waivers, and all with the potential for expansion. It has Military Munitions Response Areas.

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. TOOELE ARMY DEPOT 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. TOOELE ARMY DEPOT has noise contours that extend off the installation's property. Of the 19 acres that extend to off-base property, 0 acres have incompatible land uses. 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. TOOELE ARMY DEPOT 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. TOOELE ARMY DEPOT has a permitted RCRA Treatment Storage and Disposal Facility (TSDF) that accepts off-site waste. TOOELE ARMY DEPOT has an interim or final RCRA Part X facility that accepts off-site waste. TOOELE ARMY DEPOT 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. TOOELE ARMY DEPOT does not discharge to an impaired waterway. Groundwater contamination is reported. Surface water contamination is not reported. The state requires permits for the withdrawal of groundwater.

(The following water quantity data is from DoD Question # 282, 291, 297, 822, 825, 826):

TOOELE ARMY DEPOT has 1594.5 Acre-Feet of surplus water potentially available for expansion. On average, it uses 0.7199999999999997 MGD of potable and non-potable water, with the capacity to produce 1.7869999999999999 MGD. It processed on average 0.05 MGD of domestic wastewater in the peak month (past 3 years), with the capacity to process 0.27100000000000002 MGD. It processed on average 0 MGD of industrial wastewater in the peak month (past 3 years), with the capacity to process (No Capacity Reported) 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. TOOELE ARMY DEPOT reported no wetland restricted acres on the main installation, and no wetland restricted acres on ranges.