

## Deseret Chemical Depot, Utah

**Recommendation:** Close Deseret Chemical Depot, UT. Transfer the storage igloos and magazines to Tooele Army Depot, UT.

**Justification:** There is no additional chemical demilitarization workload slated to go to Deseret Chemical Depot. The projected date for completion of its existing workload is 2nd quarter of 2008. Because of the close proximity of Deseret Chemical Depot to Tooele Army Depot, the sophistication of the security system, the number and conditions of igloos and magazines, this recommendation increases the storage and distribution deployment network capability at Tooele AD at a minimal cost.

**Payback:** The total one time cost to the Department of Defense to implement this recommendation is \$4.37M. The net of all costs and savings to the Department during the implementation period is a savings of \$65.05M. Annual recurring savings to the Department after implementation are \$30.33M with a payback expected immediately. The Net present value of the costs and savings to the Department over 20 years is a savings of \$356.36M.

**Economic Impact on Communities:** Assuming no economic recovery, this recommendation could result in a maximum potential reduction of 391 jobs (248 direct jobs and 143 indirect jobs) over the 2006 – 2011 period in the Salt lake City, UT metropolitan statistical area, which is less than 0.1 percent of 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 community 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 Impacts:** Surveys and consultation with the SHPO will be required to determine disposition of archaeological and historical resources. Continued management and or deed restrictions will be necessary to ensure future protection of the federally listed species. Restoration, monitoring, access control, and deed restrictions may be required for former waste management areas to prevent disturbance, health and safety risks, and/or long term release of toxins to environmental media. Restoration and monitoring of contaminated sites will likely be required after closure to prevent significant long-term impacts to the environment. This recommendation has no impact on air quality; dredging; land use constraints or sensitive resource areas; marine mammals, resources, or sanctuaries; noise; threatened and endangered species or critical habitat; water resources; or wetlands. This recommendation will require spending approximately \$1.3M for environmental compliance activities. This cost was included in the payback calculation. Deseret reports approximately \$66.85M in environmental restoration costs. Because the Department of Defense has a legal obligation to perform

environmental restoration regardless of whether an installation is closed, realigned, or remains open, this cost was not included in the payback calculation. This recommendation does not otherwise impact the costs of environmental restoration, waste management, and environmental compliance activities. The aggregate environmental impact of all recommended BRAC actions affecting the bases in this recommendation has been reviewed. There are no known environmental impediments to implementation of this recommendation.

# *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>
<b>MUNITIONS STORAGE</b>						
	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>
<b>MUNITIONS STORAGE</b>						
	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*

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

*Database Date: 4/18/2005*

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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 0117 Close Deseret Chem Depot\Close Deseret Chemical Depot\_04202005.CBR  
 Option Pkg Name: Close Deseret Chemical Depot  
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Starting Year : 2006  
 Final Year : 2010  
 Payback Year : Immediate

NPV in 2025(\$K): -356,362  
 1-Time Cost(\$K): 4,368

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	-8,336	-20,493	-28,829	-20,493
Overhd	-5,002	-5,002	-5,002	-5,002	-8,871	-9,108	-37,986	-9,833
Moving	0	0	0	0	461	0	461	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	1,300	0	1,300	0
<b>TOTAL</b>	<b>-5,002</b>	<b>-5,002</b>	<b>-5,002</b>	<b>-5,002</b>	<b>-15,445</b>	<b>-29,602</b>	<b>-65,054</b>	<b>-30,326</b>

	2006	2007	2008	2009	2010	2011	Total
	----	----	----	----	----	----	-----
<b>POSITIONS ELIMINATED</b>							
Off	0	0	0	0	3	0	3
Enl	0	0	0	0	183	0	183
Civ	0	0	0	0	62	0	62
<b>TOT</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>248</b>	<b>0</b>	<b>248</b>

<b>POSITIONS REALIGNED</b>							
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
<b>TOT</b>	<b>0</b>						

Summary:

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 Close Deseret Chemical Depot. Transfer the storage igloos and magazines to Tooele Army Depot.

Department : Industrial  
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 Option Pkg Name: Close Deseret Chemical Depot  
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Costs in 2005 Constant Dollars (\$K)

	2006	2007	2008	2009	2010	2011	Total	Beyond
	----	----	----	----	----	----	----	-----
MilCon	0	0	0	0	0	0	0	0
Person	0	0	0	0	2,369	0	2,369	0
Overhd	0	0	0	0	237	0	237	0
Moving	0	0	0	0	461	0	461	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	1,300	0	1,300	0
TOTAL	0	0	0	0	4,368	0	4,368	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	10,705	20,493	31,198	20,493
Overhd	5,002	5,002	5,002	5,002	9,108	9,108	38,223	9,833
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	5,002	5,002	5,002	5,002	19,813	29,602	69,422	30,326

Department : Industrial  
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0117 Close Deseret Chem Depot\Close Deseret Chemical Depot\_04202005.CBR  
 Option Pkg Name: Close Deseret Chemical Depot  
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base	Personnel			
	Start*	Finish*	Change	%Change
DESERET DEPOT	248	0	-248	-100%
TOTAL	248	0	-248	-100%

Base	Square Footage				
	Start	Finish	Change	%Change	Chg/Per
DESERET DEPOT	1,317,000	0	-1,317,000	-100%	5,310
TOTAL	1,317,000	0	-1,317,000	-100%	5,310

Base	Base Operations Support (2005\$)				
	Start*	Finish*	Change	%Change	Chg/Per
DESERET DEPOT	0	0	0	0%	0
TOTAL	0	0	0	0%	0

Base	Sustainment (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
DESERET DEPOT	4,831,248	0	-4,831,248	-100%	19,481
TOTAL	4,831,248	0	-4,831,248	-100%	19,481

Base	Recapitalization (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
DESERET DEPOT	5,001,728	0	-5,001,728	-100%	20,168
TOTAL	5,001,728	0	-5,001,728	-100%	20,168

Base	Sustain + Recap + BOS (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
DESERET DEPOT	9,832,976	0	-9,832,976	-100%	39,649
TOTAL	9,832,976	0	-9,832,976	-100%	39,649

Base	Plant Replacement Value (2005\$)				
	Start	Finish	Change	%Change	Chg/Per
DESERET DEPOT	515,178,032	0	-515,178,032	-100%	2,077,331
TOTAL	515,178,032	0	-515,178,032	-100%	2,077,331

\* "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	1,435	0	1,435
Civ Retire	0	0	0	0	60	0	60
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	461	0	461
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	111	0	111
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	237	0	237
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	763	0	763
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	1,300	0	1,300
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	0	4,368	0	4,368

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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	0	0	0	0	4,368	0	4,368	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	0	0	0	0	4,106	4,106	8,213	4,831
Recap	5,002	5,002	5,002	5,002	5,002	5,002	30,010	5,002
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	2,061	4,123	6,184	4,123
MIL PERSONNEL								
Off Salary	0	0	0	0	187	375	562	375
Enl Salary	0	0	0	0	7,539	15,079	22,618	15,079
House Allow	0	0	0	0	917	917	1,833	917
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	5,002	5,002	5,002	5,002	19,813	29,602	69,422	30,326
TOTAL SAVINGS	5,002	5,002	5,002	5,002	19,813	29,602	69,422	30,326

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ONE-TIME NET -----(\$K)-----	2006 ----	2007 ----	2008 ----	2009 ----	2010 ----	2011 ----	Total -----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	0	0	0	1,495	0	1,495	
Civ Moving	0	0	0	0	461	0	461	
Info Tech	0	0	0	0	0	0	0	
Other	0	0	0	0	348	0	348	
MIL PERSONNEL								
Mil Moving	0	0	0	0	763	0	763	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	0	0	1,300	0	1,300	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	0	0	4,368	0	3,068	
RECURRING NET -----(\$K)-----	2006 ----	2007 ----	2008 ----	2009 ----	2010 ----	2011 ----	Total -----	Beyond -----
FAM HOUSE OPS								
O&M								
Sustainment	0	0	0	0	-4,106	-4,106	-8,213	-4,831
Recap	-5,002	-5,002	-5,002	-5,002	-5,002	-5,002	-30,010	-5,002
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	-2,061	-4,123	-6,184	-4,123
TRICARE	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	-7,727	-15,454	-23,181	-15,454
House Allow	0	0	0	0	-917	-917	-1,833	-917
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	-5,002	-5,002	-5,002	-5,002	-19,813	-29,602	-69,422	-30,326
TOTAL NET COST	-5,002	-5,002	-5,002	-5,002	-15,445	-29,602	-65,054	-30,326

Department : Industrial  
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 Option Pkg Name: Close Deseret Chemical Depot  
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Base: DESERET DEPOT, UT (49173)

ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
-----(\$K)-----	----	----	----	----	----	----	-----
<b>CONSTRUCTION</b>							
MILCON	0	0	0	0	0	0	0
<b>O&amp;M</b>							
<b>CIV SALARY</b>							
Civ RIFs	0	0	0	0	1,435	0	1,435
Civ Retire	0	0	0	0	60	0	60
<b>CIV MOVING</b>							
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	461	0	461
RITA	0	0	0	0	0	0	0
<b>FREIGHT</b>							
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	111	0	111
<b>OTHER</b>							
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	237	0	237
1-Time Move	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>							
<b>MIL MOVING</b>							
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
<b>OTHER</b>							
Elim PCS	0	0	0	0	763	0	763
<b>OTHER</b>							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	1,300	0	1,300
Misn Contract	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
<b>TOTAL ONE-TIME</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,368</b>	<b>0</b>	<b>4,368</b>

Department : Industrial  
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 Option Pkg Name: Close Deseret Chemical Depot  
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Base: DESERET DEPOT, UT (49173)

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 COSTS 0 0 0 0 4,368 0 4,368 0

ONE-TIME SAVES -----(\$K)-----	2006 ----	2007 ----	2008 ----	2009 ----	2010 ----	2011 ----	Total -----	Beyond -----
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	0
O&M								
1-Time Move	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	0
OTHER								
Environmental	0	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	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	0	0	0	0	4,106	4,106	8,213	4,831
Recap	5,002	5,002	5,002	5,002	5,002	5,002	30,010	5,002
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	2,061	4,123	6,184	4,123
MIL PERSONNEL								
Off Salary	0	0	0	0	187	375	562	375
Enl Salary	0	0	0	0	7,539	15,079	22,618	15,079
House Allow	0	0	0	0	917	917	1,833	917
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	5,002	5,002	5,002	5,002	19,813	29,602	69,422	30,326
TOTAL SAVINGS	5,002	5,002	5,002	5,002	19,813	29,602	69,422	30,326

Department : Industrial  
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0117 Close Deseret Chem Depot\Close Deseret Chemical Depot\_04202005.CBR  
 Option Pkg Name: Close Deseret Chemical Depot  
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: DESERET DEPOT, UT (49173)

ONE-TIME NET	2006	2007	2008	2009	2010	2011	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
<b>CONSTRUCTION</b>								
MILCON	0	0	0	0	0	0	0	
<b>O&amp;M</b>								
Civ Retir/RIF	0	0	0	0	1,495	0	1,495	
Civ Moving	0	0	0	0	461	0	461	
Info Tech	0	0	0	0	0	0	0	
Other	0	0	0	0	348	0	348	
<b>MIL PERSONNEL</b>								
Mil Moving	0	0	0	0	763	0	763	
<b>OTHER</b>								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	0	0	1,300	0	1,300	
Misn Contract	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
<b>TOTAL ONE-TIME</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,368</b>	<b>0</b>	<b>4,368</b>	
<b>RECURRING NET</b>								
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
<b>O&amp;M</b>								
Sustainment	0	0	0	0	-4,106	-4,106	-8,213	-4,831
Recap	-5,002	-5,002	-5,002	-5,002	-5,002	-5,002	-30,010	-5,002
BOS	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	-2,061	-4,123	-6,184	-4,123
TRICARE	0	0	0	0	0	0	0	0
<b>MIL PERSONNEL</b>								
Mil Salary	0	0	0	0	-7,727	-15,454	-23,181	-15,454
House Allow	0	0	0	0	-917	-917	-1,833	-917
<b>OTHER</b>								
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
<b>TOTAL RECUR</b>	<b>-5,002</b>	<b>-5,002</b>	<b>-5,002</b>	<b>-5,002</b>	<b>-19,813</b>	<b>-29,602</b>	<b>-69,422</b>	<b>-30,326</b>
<b>TOTAL NET COST</b>	<b>-5,002</b>	<b>-5,002</b>	<b>-5,002</b>	<b>-5,002</b>	<b>-15,445</b>	<b>-29,602</b>	<b>-65,054</b>	<b>-30,326</b>

COBRA ECONOMIC IMPACT REPORT (COBRA v6.10)

Data As Of 4/25/2005 8:45:34 AM, Report Created 4/25/2005 8:45:36 AM

Department : Industrial  
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0117 Close Deseret Chem Depot\Close Deseret Chemical  
 Depot\_04202005.CBR  
 Option Pkg Name: Close Deseret Chemical Depot  
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

DESERET DEPOT, UT (49173)	2006	2007	2008	2009	2010	2011	Total
-----	----	----	----	----	----	----	----
Jobs Gained-Mil	0	0	0	0	0	0	0
Jobs Lost-Mil	0	0	0	0	186	0	186
NET CHANGE-Mil	0	0	0	0	-186	0	-186
Jobs Gained-Civ	0	0	0	0	0	0	0
Jobs Lost-Civ	0	0	0	0	62	0	62
NET CHANGE-Civ	0	0	0	0	-62	0	-62
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 4/25/2005 8:45:34 AM, Report Created 4/25/2005 8:45:35 AM

Department : Industrial  
Scenario File : Z:\Cobra\Munitions&Armaments\IND 0117 Close Deseret Chem Depot\Close Deseret Chemical  
Depot\_04202005.CBR  
Option Pkg Name: Close Deseret Chemical Depot  
Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

SCENARIO DATA:

"Industrial" is not a recognized Department.

Department : Industrial  
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0117 Close Deseret Chem Depot\Close Deseret Chemical Depot\_04202005.CBR  
 Option Pkg Name: Close Deseret Chemical Depot  
 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:
-----	-----
DESERET DEPOT, UT (49173)	Closes in FY 2010

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: DESERET DEPOT, UT (49173)

Total Officer Employees:	3	Base Service (for BOS/Sust):	Army
Total Enlisted Employees:	183	Total Sustainment(\$K/Year):	4,831
Total Student Employees:	0	Sustain Payroll (\$K/Year):	0
Total Civilian Employees:	308	BOS Non-Payroll (\$K/Year):	0
Accomp Mil not Receiving BAH:	0.0%	BOS Payroll (\$K/Year):	0
Officer Housing Units Avail:	0	Family Housing (\$K/Year):	0
Enlisted Housing Units Avail:	0	Installation PRV(\$K):	515,178
Starting Facilities(KSF):	1,317	Svc/Agcy Recap Rate (Years):	103
Officer BAH (\$/Month):	981	Homeowner Assistance Program:	No
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	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:	40.451389	Retiree	0 0 0
Longitude:	-112.618056	Retiree65+	0 0 0

Department : Industrial  
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0117 Close Deseret Chem Depot\Close Deseret Chemical Depot\_04202005.CBR  
 Option Pkg Name: Close Deseret Chemical Depot  
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: DESERET DEPOT, UT (49173)	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	1,300	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):			1,317	FH ShDn:	0.000%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: DESERET DEPOT, UT (49173)	2006	2007	2008	2009	2010	2011
	----	----	----	----	----	----
Off Scenario Change:	0	0	0	0	-3	0
Enl Scenario Change:	0	0	0	0	-183	0
Civ Scenario Change:	0	0	0	0	-62	0
Off Prog nonBRAC Change:	0	0	0	0	0	0
Enl Prog nonBRAC Change:	0	0	0	0	0	0
Civ Prog nonBRAC Change:	0	0	-246	0	0	0
Stu Prog nonBRAC Change:	0	0	0	0	0	0
Prog FH Privatization:	0%	0%	0%	0%	0%	0%

STANDARD FACTORS SCREEN ONE - PERSONNEL

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

Department : Industrial  
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0117 Close Deseret Chem Depot\Close Deseret Chemical Depot\_04202005.CBR  
 Option Pkg Name: Close Deseret Chemical Depot  
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

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 0117 Close Deseret Chem Depot\Close Deseret Chemical Depot\_04202005.CBR  
Option Pkg Name: Close Deseret Chemical Depot  
Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

FOOTNOTES FOR SCREEN ONE

=====

Close Deseret Chemical Depot. Transfer the storage igloos and magazines to Tooele Army Depot.

FOOTNOTES FOR SCREEN FIVE

=====

FY 10 \$1,300K: From page 4 of criteria 8, Summary of Scenario Environmental Impacts, "COBRA costs"; for environmental baseline survey (EBS) and disposal environmental impact statement (EIS); FY 10 was selected because that is year in which the chem demil mission is scheduled to end

1,317 KSF: Fac ShDn is derived from Screen Four - static base information for "Starting Facilities"

FOOTNOTES FOR SCREEN SIX

=====

OFF/ENL/CIV Scenario Change numbers are derived from Screen Four - Total Officer Employees, Total Enlisted Employees, and Total Civilian Employees

CIV PROG NON-BRAC CHANGE number in 2008 is the result of a previously planned chem demil achievement that will allow for a lower level of physical security

TOTAL COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA v6.10)  
Data As Of 4/25/2005 8:45:34 AM, Report Created 4/25/2005 8:45:36 AM

Department : Industrial  
Scenario File : Z:\Cobra\Munitions&Armaments\IND 0117 Close Deseret Chem Depot\Close Deseret Chemical Depot\_04202005.CBR  
Option Pkg Name: Close Deseret Chemical Depot  
Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

All values in 2005 Constant Dollars

Base Name	Total MilCon*	Milcon Cost Avoidance	Total Net Costs
DESERET DEPOT	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 4/25/2005 8:45:34 AM, Report Created 4/25/2005 8:45:36 AM

Department : Industrial  
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0117 Close Deseret Chem Depot\Close Deseret Chemical  
 Depot\_04202005.CBR  
 Option Pkg Name: Close Deseret Chemical Depot  
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
----	-----	-----	-----
2006	-5,001,728	-4,933,141	-4,933,141
2007	-5,001,728	-4,798,775	-9,731,917
2008	-5,001,728	-4,668,070	-14,399,986
2009	-5,001,728	-4,540,924	-18,940,910
2010	-15,445,542	-13,640,621	-32,581,531
2011	-29,601,700	-25,430,478	-58,012,009
2012	-30,326,387	-25,343,432	-83,355,441
2013	-30,326,387	-24,653,144	-108,008,585
2014	-30,326,387	-23,981,658	-131,990,243
2015	-30,326,387	-23,328,461	-155,318,704
2016	-30,326,387	-22,693,055	-178,011,759
2017	-30,326,387	-22,074,956	-200,086,715
2018	-30,326,387	-21,473,693	-221,560,408
2019	-30,326,387	-20,888,806	-242,449,215
2020	-30,326,387	-20,319,851	-262,769,065
2021	-30,326,387	-19,766,392	-282,535,457
2022	-30,326,387	-19,228,007	-301,763,464
2023	-30,326,387	-18,704,287	-320,467,752
2024	-30,326,387	-18,194,832	-338,662,584
2025	-30,326,387	-17,699,253	-356,361,837

Department : Industrial  
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0117 Close Deseret Chem Depot\Close Deseret Chemical  
 Depot\_04202005.CBR  
 Option Pkg Name: Close Deseret Chemical Depot  
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

(All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	1,434,956	
Civilian Early Retirement	59,945	
Eliminated Military PCS	763,162	
Unemployment	111,275	
Total - Personnel		2,369,338
Overhead		
Program Management Cost	0	
Support Contract Termination	0	
Mothball / Shutdown	237,060	
Total - Overhead		237,060
Moving		
Civilian Moving	0	
Civilian PPP	461,448	
Military Moving	0	
Freight	0	
Information Technologies	0	
One-Time Moving Costs	0	
Total - Moving		461,448
Other		
HAP / RSE	0	
Environmental Mitigation Costs	1,300,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		1,300,000
-----		
Total One-Time Costs		4,367,846
-----		
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		4,367,846

Department : Industrial  
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0117 Close Deseret Chem Depot\Close Deseret Chemical Depot\_04202005.CBR  
 Option Pkg Name: Close Deseret Chemical Depot  
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: DESERET DEPOT, UT (49173)  
 (All values in 2005 Constant Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Total - Construction		0
Personnel		
Civilian RIF	1,434,956	
Civilian Early Retirement	59,945	
Eliminated Military PCS	763,162	
Unemployment	111,275	
Total - Personnel		2,369,338
Overhead		
Program Management Cost	0	
Support Contract Termination	0	
Mothball / Shutdown	237,060	
Total - Overhead		237,060
Moving		
Civilian Moving	0	
Civilian PPP	461,448	
Military Moving	0	
Freight	0	
Information Technologies	0	
One-Time Moving Costs	0	
Total - Moving		461,448
Other		
HAP / RSE	0	
Environmental Mitigation Costs	1,300,000	
Mission Contract Startup and Termination	0	
One-Time Unique Costs	0	
Total - Other		1,300,000
-----		
Total One-Time Costs		4,367,846
-----		
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		4,367,846

Department : Industrial  
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0117 Close Deseret Chem Depot\Close Deseret Chemical  
 Depot\_04202005.CBR  
 Option Pkg Name: Close Deseret Chemical Depot  
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	0	0	-4,106	-4,106	-8,213	-4,831
Recap Change	-5,002	-5,002	-5,002	-5,002	-5,002	-5,002	-30,010	-5,002
BOS Change	0	0	0	0	0	0	0	0
Housing Change	0	0	0	0	0	0	0	0
<b>TOTAL CHANGES</b>	<b>-5,002</b>	<b>-5,002</b>	<b>-5,002</b>	<b>-5,002</b>	<b>-9,108</b>	<b>-9,108</b>	<b>-38,223</b>	<b>-9,833</b>

DESERET DEPOT, UT (49173)

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	0	0	-4,106	-4,106	-8,213	-4,831
Recap Change	-5,002	-5,002	-5,002	-5,002	-5,002	-5,002	-30,010	-5,002
BOS Change	0	0	0	0	0	0	0	0
Housing Change	0	0	0	0	0	0	0	0
<b>TOTAL CHANGES</b>	<b>-5,002</b>	<b>-5,002</b>	<b>-5,002</b>	<b>-5,002</b>	<b>-9,108</b>	<b>-9,108</b>	<b>-38,223</b>	<b>-9,833</b>

Department : Industrial  
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0117 Close Deseret Chem Depot\Close Deseret Chemical Depot\_04202005.CBR  
 Option Pkg Name: Close Deseret Chemical Depot  
 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	62	0	62
Early Retirement	8.10%	0	0	0	0	5	0	5
Regular Retirement	1.67%	0	0	0	0	1	0	1
Civilian Turnover	9.16%	0	0	0	0	6	0	6
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	4	0	4
Priority Placement#	39.97%	0	0	0	0	25	0	25
Civilians Available to Move		0	0	0	0	21	0	21
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	21	0	21
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	5	0	5
TOTAL CIVILIAN RIFS		0	0	0	0	25	0	25
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	25	0	25
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 0117 Close Deseret Chem Depot\Close Deseret Chemical Depot\_04202005.CBR  
 Option Pkg Name: Close Deseret Chemical Depot  
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: DESERET DEPOT, UT (49173)Rate	2006	2007	2008	2009	2010	2011	Total
CIVILIAN POSITIONS REALIGNING OUT	0	0	0	0	0	0	0
Early Retirement*	8.10%	0	0	0	0	0	0
Regular Retirement*	1.67%	0	0	0	0	0	0
Civilian Turnover*	9.16%	0	0	0	0	0	0
Civs Not Moving (RIFs)*	6.00%	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED	0	0	0	0	62	0	62
Early Retirement	8.10%	0	0	0	5	0	5
Regular Retirement	1.67%	0	0	0	1	0	1
Civilian Turnover	9.16%	0	0	0	6	0	6
Civs Not Moving (RIFs)*	6.00%	0	0	0	4	0	4
Priority Placement#	39.97%	0	0	0	25	0	25
Civilians Available to Move		0	0	0	21	0	21
Civilians Moving		0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	21	0	21
CIVILIAN POSITIONS REALIGNING IN	0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	0	5	0	5
TOTAL CIVILIAN RIFS		0	0	0	25	0	25
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	25	0	25
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0

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

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

COBRA PERSONNEL YEARLY PERCENTAGES REPORT (COBRA v6.10)  
 Data As Of 4/25/2005 8:45:34 AM, Report Created 4/25/2005 8:45:36 AM

Department : Industrial  
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0117 Close Deseret Chem Depot\Close Deseret Chemical Depot\_04202005.CBR  
 Option Pkg Name: Close Deseret Chemical Depot  
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

Base: DESERET DEPOT, UT (49173)

Year	Pers Moved In/Added		MilCon TimePhase	Pers Moved Out/Eliminated		ShutDn TimePhase
	Total	Percent		Total	Percent	
2006	0	0.00%	40.00%	0	0.00%	0.00%
2007	0	0.00%	20.00%	0	0.00%	0.00%
2008	0	0.00%	20.00%	0	0.00%	0.00%
2009	0	0.00%	20.00%	0	0.00%	0.00%
2010	0	0.00%	0.00%	248	100.00%	100.00%
2011	0	0.00%	0.00%	0	0.00%	0.00%
TOTALS	0	0.00%	100.00%	248	100.00%	100.00%

COBRA TOTAL PERSONNEL SUMMARY REPORT (COBRA v6.10)  
 Data As Of 4/25/2005 8:45:34 AM, Report Created 4/25/2005 8:45:36 AM

Department : Industrial  
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0117 Close Deseret Chem Depot\Close Deseret Chemical Depot\_04202005.CBR  
 Option Pkg Name: Close Deseret Chemical Depot  
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

TOTAL SCENARIO POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
----- 3	----- 183	----- 0	----- 308

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	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	-246	0	0	0	-246
TOTAL	0	0	-246	0	0	0	-246

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

Officers	Enlisted	Students	Civilians
----- 3	----- 183	----- 0	----- 62

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	-3	0	-3
Enlisted	0	0	0	0	-183	0	-183
Civilians	0	0	0	0	-62	0	-62
TOTAL	0	0	0	0	-248	0	-248

TOTAL SCENARIO POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
----- 0	----- 0	----- 0	----- 0

Department : Industrial  
 Scenario File : Z:\Cobra\Munitions&Armaments\IND 0117 Close Deseret Chem Depot\Close Deseret Chemical Depot\_04202005.CBR  
 Option Pkg Name: Close Deseret Chemical Depot  
 Std Fctrs File : C:\Documents and Settings\Desktop\COBRA 6.10\BRAC2005.SFF

PERSONNEL SUMMARY FOR: DESERET DEPOT, UT (49173)

BASE POPULATION (FY 2005):

Officers	Enlisted	Students	Civilians
----- 3	----- 183	----- 0	----- 308

PROGRAMMED INSTALLATION (NON-BRAC) CHANGES FOR: DESERET DEPOT, UT (49173)

	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	-246	0	0	0	-246
TOTAL	0	0	-246	0	0	0	-246

BASE POPULATION (Prior to BRAC Action) FOR: DESERET DEPOT, UT (49173)

Officers	Enlisted	Students	Civilians
----- 3	----- 183	----- 0	----- 62

SCENARIO POSITION CHANGES FOR: DESERET DEPOT, UT (49173)

	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	-3	0	-3
Enlisted	0	0	0	0	-183	0	-183
Civilians	0	0	0	0	-62	0	-62
TOTAL	0	0	0	0	-248	0	-248

BASE POPULATION (After BRAC Action) FOR: DESERET DEPOT, UT (49173)

Officers	Enlisted	Students	Civilians
----- 0	----- 0	----- 0	----- 0

# Economic Impact Report

This report depicts the economic impact of the following Scenarios:

IND-0117: Close Deseret Chemical Depot

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

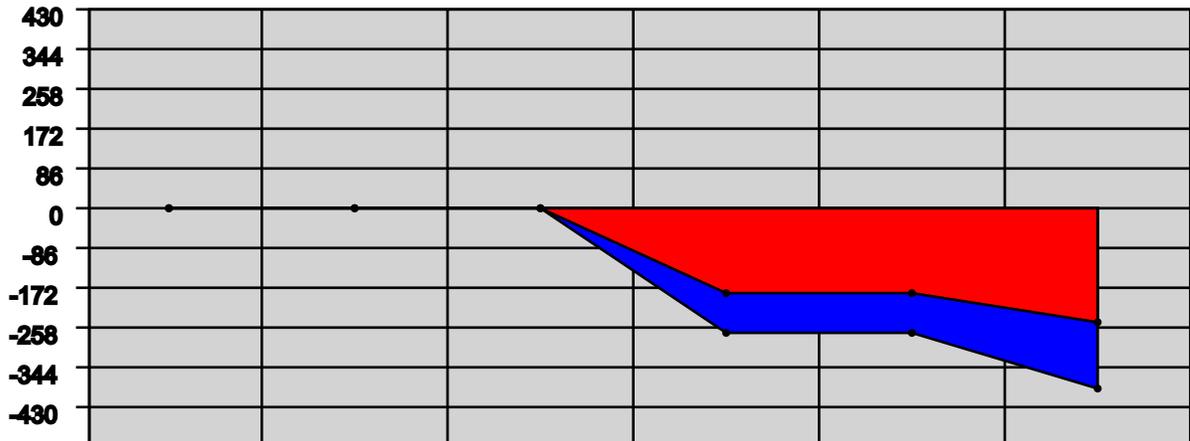
ECONOMIC IMPACT DATA

**Scenario:** All Selected (see title page)  
**Economic Region of Influence(ROI):** Salt Lake City, UT Metropolitan Statistical Area  
**Base:** All Bases  
**Action:** All Actions

**Overall Economic Impact of Proposed BRAC-05 Action:**

ROI Population (2002):	995,344
ROI Employment (2002):	701,532
Authorized Manpower (2005):	494
Authorized Manpower(2005) / ROI Employment(2002):	0.07%
Total Estimated Job Change:	-391
Total Estimated Job Change / ROI Employment(2002):	-0.06%

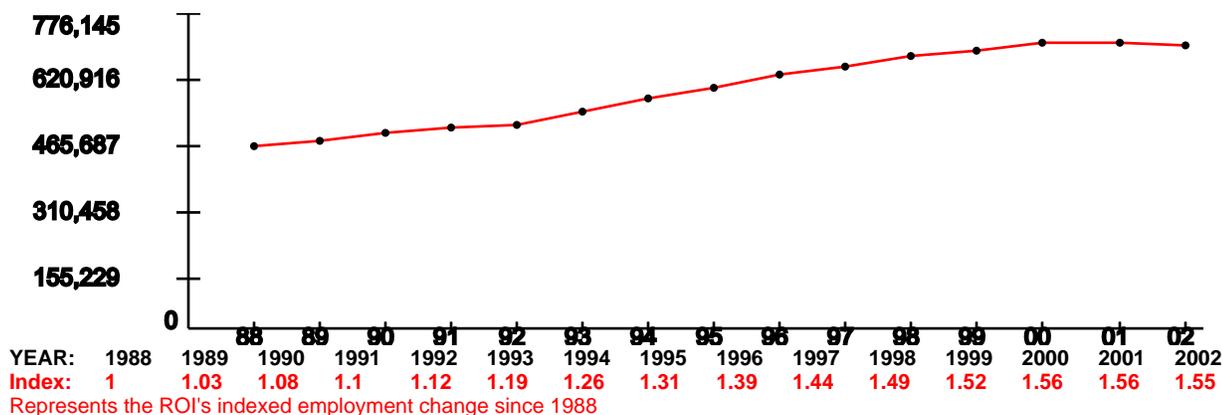
**Cumulative Job Change (Gain/Loss) Over Time:**



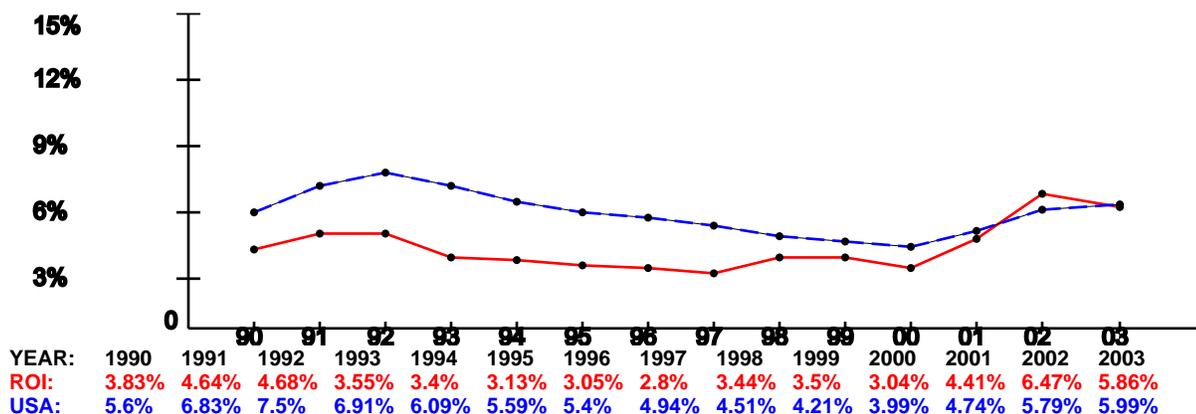
YEAR:	2006	2007	2008	2009	2010	2011
<b>Direct Military:</b>	0	0	0	-186	0	0
<b>Direct Civllian:</b>	0	0	0	0	0	-62
<b>Direct Student:</b>	0	0	0	0	0	0
<b>Direct Contractor:</b>	0	0	0	0	0	0
<b>Cumulative Direct:</b>	0	0	0	-186	-186	-248
<b>Cum Indlr/Induc:</b>	0	0	0	-86	-86	-143
<b>Cumulative Total:</b>	0	0	0	-272	-272	-391

## Salt Lake City, UT Metropolitan Statistical Area Trend Data

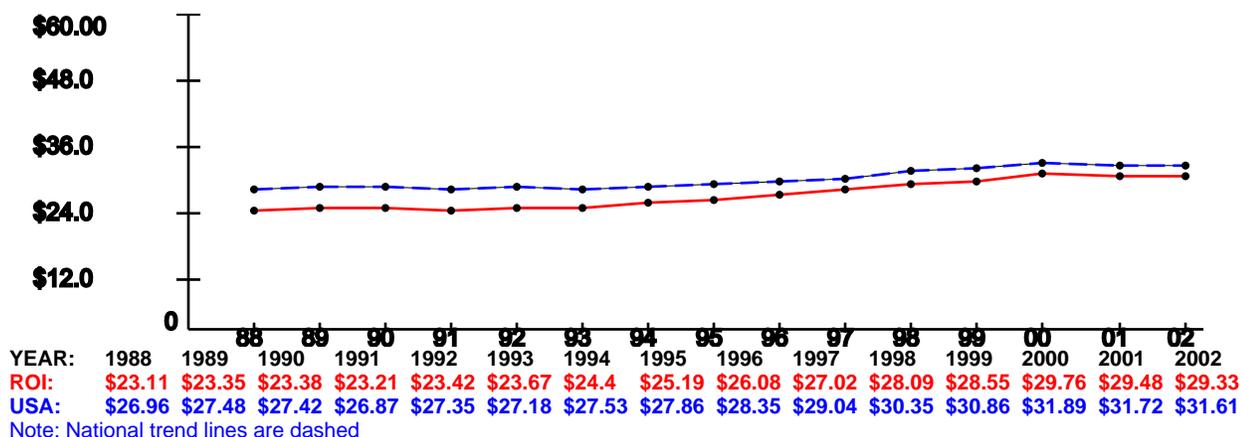
### Employment Trend (1988-2002)



### Unemployment Percentage Trend (1990-2003)



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



## DESERET CHEMICAL DEPOT, UT

### Demographics

The following tables provide a short description of the area near the installation/activity. DESERET CHEMICAL DEPOT is 53.6 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 MSA	1,333,914

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

County/City	Population
Tooele	40735
Utah	368536
Total	409,271

### 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)	\$45,827	Basis: 2 of 2 counties
Median House Value	(US Avg \$119,600)	\$153,553	
GS Locality Pay	("Rest of US" 10.9%)	10.9%	
O-3 with Dependents BAH Rate		\$ 981	
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.

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

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

		Basis
School District(s) Capacity	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%)	9.0%	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%	2.9%	4.1%	6.3%	5.0%
National	4.2%	4.0%	4.7%	5.8%	6.0%
Basis:	2 of 2 counties				

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

	1999	2000	2001	2002	2003
Local Data	2.1%	2.2%	3.8%	2.0%	5.1%
National	1.5%	2.4%	.03%	-.31%	.86%
Basis:	1 of 2 counties	1 of 2 counties	1 of 2 counties	2 of 2 counties	1 of 2 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	5,513	Basis: 2 of 2 counties
Vacant Sale Units	1,731	
Vacant Rental Units	1,644	

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

## 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	529	691	409,271	Basis: 2 of 2 counties
Ratio	1:774	1:592		
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	524.2	Basis: 2 of 2 counties
National UCR	4,118.8	

## Transportation

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

Distance from DESERET CHEMICAL DEPOT to nearest commercial airport: 52.1 miles

Is DESERET CHEMICAL 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 # 645 & 164**

**TITLE: IND-0117V3 CLOSE DESERET CHEMICAL DEPOT**

**GENERAL DESCRIPTION:** CLOSE DESERET CHEMICAL DEPOT UPON COMPLETION OF THE DESTRUCTION OF STORED CHEMICAL AGENTS AND THE DESTRUCTION OF THE PRODUCTION FACILITIES. TRANSFER THE STORAGE IGLOOS AND MAGAZINES TO TOOEE ARMY DEPOT.

NOTES:

NO MILCON OR PERSONNEL INVOLVED IN RECOMMENDATION. BUNKERS/IGLOOS WITH AMMUNITION AT DESERET WOULD SIMPLY BE INCORPORATED INTO TOOLE, SO NO MILCON. BOUNDRIES OF TOOLE WOULD BE EXPANDED. ASSUMING ENVIRONMENTAL COSTS FOR DESERET SINCE THE REMAINDER OF DESERET WOULD STILL HAVE TO BE INVESTIGATED PRIOR TO DISPOSAL.

ANALYST: \_\_\_\_\_

LAST UPDATE: **27 APRIL 2005**

Env Resource Area	<i>Gaining</i> Installation Assessment Inst Name: <b>N/A</b>	Analyst Comments (& data source(s) that drive assessment)
Air Quality		
Cultural/ Archeological Resources		
Dredging		
Land Use Constraints/Sensitive Resource Areas		
Marine Mammals/Marine Resources/Marine Sanctuaries		
Noise		
Threatened & Endangered Species/Critical Habitat		
Waste Management		
Water Resources		

Wetlands		
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**SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED);**  
**SCENARIO # (IND-0117v3)164**

Env Resource Area	<i>Losing</i> Installation Assessment Inst Name: <b>Deseret Chemical Depot</b>	Analyst Comments (& data source(s) that drive assessment)
Air Quality	No impact	#213 Reported N/A indicating in attainment for all Criteria Pollutants
Cultural/Archeological/ Tribal Resources	Surveys and consultation with the SHPO will be required to determine disposition of archeological and historical resources.	#230 -1 Arch Resources identified #231- Native People sites on/contiguous to installation. #234 - Native Tribes assert an interest, no formal consultation. #232 Sites with high potential for Arch resources were identified #235 No Historic Property - no resources identified. #236 - No Programmatic Agreement in place
Dredging	No impact	#227 – N/A
Land Use Constraints/Sensitive Resource Areas	Restoration +/- monitoring of contaminated media will likely be required after closure to prevent significant long-term impacts to the environment.	#273 - Installation has MMRA's reported DERP 2003 shows MMRP CTC \$59.6M 1 operational ranges reported- OB/OD range #240 DERA sites reported - CTC is \$7.25M. * CMA reports 6 Sites contain likely buried mustard munitions or spills – cleanup not programmed or funded– cost TBD
Marine Mammals/Marine Resources	No impact	#248-250, 252, 253 – N/A
Noise	No impact	#239 – N/A
Threatened & Endangered Species/Critical Habitat	Federally listed species (Bald Eagle) is found on installation. Continued management and/or deed restrictions will be necessary to insure future protection of the Federally listed species.	#259 1 TES (Bald Eagle) on installation, no restrictions reported. #260, 263, 264 – No critical habitat, no candidate species/habitat identified
Waste Management	Special waste management areas at the installation include a RCRA TSD facility. Restoration, monitoring/sweeps, access control, and/or deed restrictions may be required for former waste management areas to prevent disturbance, health and safety risks, and/or long-term release of toxins to environmental media.	#265 Has RCRA TSD facility on site #269 Has a RCRA Subpart X Permit #272 No permitted solid waste disposal facility

Water Resources	<p>Environmental media contamination issues at installation include metals, explosives, &amp; VOCs reported in groundwater.</p> <p>Restoration and/or monitoring of contaminated media will likely be required after closure to prevent significant long-term impacts to the environment.</p> <p>Installation has 1 government-owned plant for potable water and 3 government-owned plants for sewage treatment on the installation that may require transfer/closure.</p>	<p>#275 Metals, explosives, &amp; VOCs are reported in groundwater on installation.</p> <p>#281 – No surface water contamination reported.</p> <p>#282 – 1 Off Military Installation Commercial Source for industrial wastewater</p> <p>#291-1 On Military Installation Govt Owned Plant for potable water</p> <p>#297-3 On Military Installation Govt Owned Plants for sewage treatment.</p>
Wetlands	No impact	<p>#251- Wetlands survey completed 1/00</p> <p>#257 – 1,500 acres seasonal wetlands identified, no restrictions reported</p>

**SUBJECT: SUMMARY OF SCENARIO ENVIRONMENTAL IMPACTS (CONTINUED);**  
**SCENARIO # 164**

**IMPACTS OF COSTS**

Env Resource Area	Gaining Installation Inst Name: <b>N/A</b>	Losing Installation Inst Name: <b>Deseret Chemical Depot</b>
Environmental Restoration*	None.	<p>Sweep for UXO and or chemical weapons residual contamination - Cost TBD  (6 Sites contain likely buried mustard munitions or spills)</p> <p>#240 DERA sites reported -  MMRP CTC \$59.6M  IRP CTC is \$7.25M</p> <p>OB/OD Range - cleanup cost \$1.04M-4.98M  (reported in FY03 DERP)</p> <p>Controlled burning/decontamination/demolition of industrial buildings/structures heavily contaminated with explosives/metals - \$1M to \$10M+</p>
Waste Management	None.	Restoration/Monitoring of HW sites \$500K - \$10M+.
Environmental Compliance	None.	<p>Environmental Baseline Survey (EBS) \$300K-\$500K.</p> <p>Land Use Controls (LUC) management/enforcement in perpetuity (occurs after transfer) - \$50K -\$100K</p> <p>Asbestos/Lead-based Paint Removal - \$200K - \$1M</p> <p>Access controls / caretaker management of historical/arch/cultural sites \$500K - \$1M (annually)</p>
<b>COBRA Costs:</b>	None.	Installation is a Chemical Plant - \$1.3M (EBS + disposal EIS)

**INSTALLATION ENVIRONMENTAL PROFILE**  
**DESERET CHEMICAL 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, O<sub>3</sub> (1 hour & 8 Hour), and PM (PM<sub>10</sub>, and PM<sub>2.5</sub>). 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 O<sub>3</sub>, 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. DESERET CHEMICAL 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. No historic property has been identified on DESERET CHEMICAL DEPOT. 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. DESERET CHEMICAL 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. DESERET CHEMICAL DEPOT reports that 8084 unconstrained acres are available for development out of 19364 total acres. DESERET CHEMICAL DEPOT has spent \$23.300000000000001M thru FY03 for environmental restoration, and has estimated the remaining Cost to Complete at \$7M. DESERET CHEMICAL 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. DESERET CHEMICAL 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. DESERET CHEMICAL DEPOT does not have noise contours that extend off the installation's property. It does not have published noise abatement procedures for the main installation.

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

- a. The presence of threatened and endangered species (TES) can result in restrictions on training, testing and operations. They serve to reduce buildable acres and maneuver space. The data in this section reflects listed TES as well as candidate species, designated critical habitat as well as proposed habitat, and restrictions from Biological Opinions. The legally binding conditions in Biological Opinions are designed to protect TES, and critical habitat. The data call seeks to identify the presence of the resource, TES, candidate or critical habitat, even if they don't result in restrictions, as well places where restrictions do exist.
- b. DESERET CHEMICAL DEPOT 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. DESERET CHEMICAL DEPOT has a permitted RCRA Treatment Storage and Disposal Facility (TSDF) that accepts off-site waste. DESERET CHEMICAL DEPOT has an interim or final RCRA Part X facility that accepts off-site waste. DESERET CHEMICAL 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. DESERET CHEMICAL 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):**

DESERET CHEMICAL DEPOT has 4339.8000000000002 Acre-Feet of surplus water potentially available for expansion. On average, it uses 0.193 MGD of potable and non-potable water, with the capacity to produce 1.8 MGD. It processed on average 23.379999999999999 MGD of domestic wastewater in the peak month (past 3 years), with the capacity to process 4.387499999999997E-2 MGD. It processed on average 444.2799999999997 MGD of industrial wastewater in the peak month (past 3 years), with the capacity to process 0 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. DESERET CHEMICAL DEPOT reported no 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, O<sub>3</sub> (1 hour & 8 Hour), and PM (PM<sub>10</sub>, and PM<sub>2.5</sub>). 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 O<sub>3</sub>, 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 .72 MGD of potable and non-potable water, with the capacity to produce 1.7869999999999999 MGD. It processed on average 5.0000000000000003E-2 MGD of domestic wastewater in the peak month (past 3 years), with the capacity to process 0.2710000000000002 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.