

APPENDIX K: BRAC INSTALLATIONS ENVIRONMENTAL RESTORATION PROGRESS

The Department of Defense (DoD) uses the Base Realignment and Closure (BRAC) process to reorganize its installation infrastructure to more efficiently and effectively support its forces, increase operational readiness, and facilitate new ways of doing business. Environmental cleanup at BRAC installations is based on the principles of protecting human health and the environment, making property available for reuse and transfer, and providing effective community involvement. This appendix details environmental property status at DoD installations closed or realigned under the BRAC process.

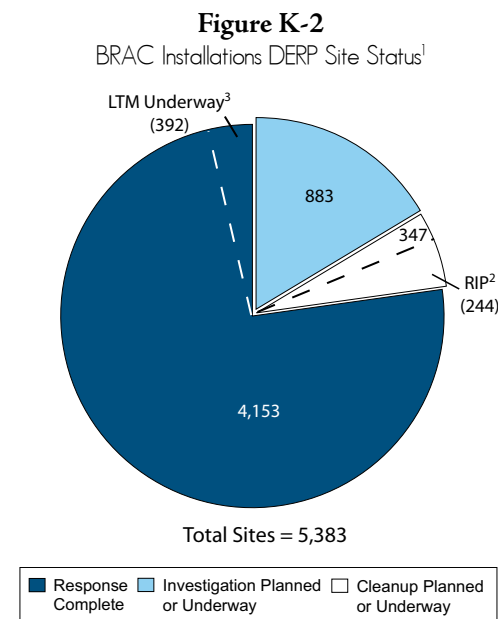
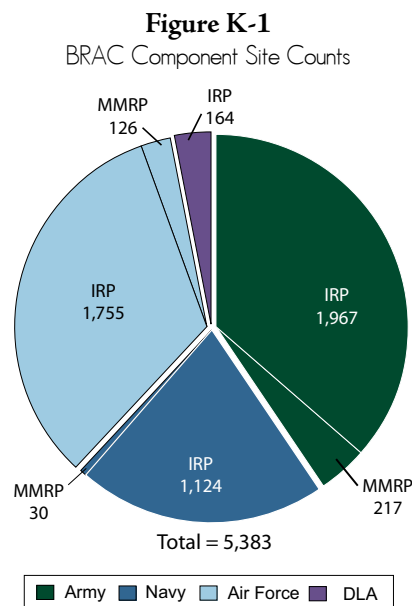
The BRAC selection process begins with a list of DoD recommendations based on the Final Selection Criteria and Force Structure Plan. These recommendations are reviewed by an independent commission (BRAC Commission) to ensure consistency with established criteria and legislative requirements. The BRAC Commission then visits every installation recommended for major closure or realignment and provides documentation of findings to the President and the general public. After this evaluation is complete, the President submits a formal report to Congress. Congress then has 45 days to reject the report in full or the recommendations in the report are required by law to be implemented.

Congress authorized the first BRAC round in 1988, and three additional rounds in 1991, 1993, and 1995. Of the 497 installations identified for closure or realignment during the first four BRAC rounds, 206 required some type of environmental restoration. Much of the acreage identified in the first four rounds has been transferred to other federal agencies or private entities and put into productive reuse.

The most recent round of base realignments and closures was authorized by Congress in 2005 (BRAC 2005). BRAC 2005 centers on reducing excess infrastructure capacity and primarily focuses on the realignment of existing infrastructure and resources, rather than closure. DoD designed BRAC 2005 to build upon the processes used in previous BRAC efforts; to continue to

efficiently cleanup installations; to put surplus property back into successful economic and community use; and to enhance America's defense programs for the future.

Through FY2006, DoD has identified a total of 5,383 BRAC sites; 5,010 of the sites are under the Installation Restoration Program (IRP) and 373 are under the Military Munitions Response Program (MMRP). Figure K-1 shows the breakdown of BRAC sites by Component and Figure K-2 shows Defense Environmental Restoration Program (DERP) site status.



¹ Includes IRP, MMRP, and BD/BR sites as of September 30, 2006.

² RIP is a subset of Cleanup Planned or Underway.

³ Long-term management (LTM) is a subset of Response Complete.

DoD has achieved response complete (RC) milestones at approximately 77 percent of all BRAC sites to date—4,031 IRP sites and 122 MMRP sites, as detailed in Figure K-3.

Additional information on the BRAC budget is available in Appendix D: Restoration Budget Overview.

BRAC Funding

Over the past 10 years, DoD has shifted BRAC resources towards funding cleanup activities, as less funding was needed for investigation activities. In FY2006, DoD obligated \$395.5 million for BRAC restoration activities, including program management; \$341.7 million for IRP and \$52.8 million for MMRP.

The trend to shift resources extends through the end of the environmental restoration program, as shown in Figure K-3, which displays DoD's IRP and MMRP cost-to-complete (CTC) estimates of anticipated costs necessary to complete environmental restoration requirements for BRAC installations. These data demonstrate program progress by showing that funding estimates for the investigation phases in the restoration process are expected to continue to decrease, while funding for cleanup phases will increase.

BRAC 2005

In FY2005, the BRAC Commission announced recommendations for BRAC 2005 that enable DoD to reform its domestic base structure. These recommendations placed a stronger emphasis on realigning existing infrastructure and resources than the previous four rounds. BRAC 2005 differs from the previous BRAC rounds because few of the previous installations had any significant environmental investigation or cleanup work completed; whereas the majority of the installations closed under BRAC 2005 have been performing environmental remediation work for many years. According to the BRAC Commission, 190 separate DoD recommendations will produce as many as 412 distinct and identifiable recommended BRAC 2005 closure or realignment actions.

Figure K-3
DoD Installation Status Table

Sites by Classification				Completed		Underway		Future		Costs Through FY2006 (\$000)		FY2006 Funds Obligated (\$000)		FY2007 Execution Planned (\$000)		FY2008 Planning Estimate (\$000)		Estimated Costs (\$000)				
				IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP		
Phase				Sites (Actions)				IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	FY2009				
Study				4,364	136	630	235	16	2	\$2,129,338	\$32,674	\$54,969	\$11,630	\$49,556	\$4,393	\$30,713	\$12,824	FY2009	\$132,252	\$30,323		
IRA				1,234 (1,551)	24 (27)	304 (535)	5 (5)			\$872,610	\$18,563	\$47,773	\$3,088	\$104,270	\$3,722	\$46,697	\$13,422	FY2010	\$141,568	\$66,369		
Design				702	5	42	3	404	57	\$286,303	\$20,949	\$12,255	\$2,671	\$10,603	\$0	\$3,408	\$1,358	FY2011	\$138,716	\$53,204		
RA-C				1,005	22	97	9	478	85	\$2,405,848	\$182,340	\$145,063	\$35,158	\$96,883	\$15,477	\$84,655	\$19,505	FY2012	\$145,389	\$55,799		
RA-O				140	1	256	0	166	6	\$628,705	\$525	\$61,163	\$0	\$81,616	\$51	\$73,688	\$51	FY2013	\$144,299	\$41,830		
LTM				137	2	398	11	372	89	\$207,554	\$10,099	\$26,824	\$283	\$17,611	\$678	\$16,345	\$720	FY2007-Complete IRP		\$2,993,695		
Total				\$6,530,358	\$265,150	\$348,047	\$52,830	\$360,539	\$24,321	\$255,506	\$47,880							FY2007-Complete MMRP		\$902,207		
Total Number of IRP Installations with Sites								221												FY2007-Complete		\$3,895,902
Total Number of MMRP Installations with Sites								71														
IRP Sites		MMRP Sites																				
RC	4,031	RC	122																			
High	251	RAC-1	17																			
Medium	133	RAC-2	33																			
Low	86	RAC-3	21																			
Not Evaluated	265	RAC-4	12																			
Not Required	244	RAC-5	23																			
			Not Evaluated																			
			145																			
Total Sites	5,010	Total Sites	373																			

The 2005 selection criteria for BRAC 2005 included:

- Impact on current and future mission capabilities and operational readiness
- Availability and condition of land, facilities, and associated airspace
- Extent and timing of costs and savings
- Effect on economy of existing communities
- Impact on the environment.

Early Transfer Authority

Early transfer authority (ETA) provides a mechanism to allow for transfer of property by deed, while environmental restoration work is in progress. This process allows both DoD and the community to benefit from the integration of redevelopment and cleanup, subsequently increasing opportunities for investment, property reuse, and relieving DoD of property management responsibilities. Property transferred under ETA allows the community and the property recipient (often the local redevelopment authority) to use the property to increase job opportunities, revenue, and area aesthetics.

After property transfer has been negotiated and the terms are agreed upon, DoD implements a conveyance authority to guide the transfer and reuse of the installation property. The three primary conveyance authorities used by DoD include: public benefit conveyance (PBC), economic development conveyance (EDC), and conservation authority.

As shown in Figure K-4, the Army transferred 3,337 acres of BRAC property utilizing ETA in FY2006; the Navy transferred approximately 19 acres at four installations; and the Air Force transferred 271 acres at Lowry Air Force Base.

Component Progress

The BRAC process has impacted each Component. To ensure progress, DoD developed IRP and MMRP metrics for each BRAC round. DoD expects to achieve remedy in place (RIP) or RC status at the remaining BRAC installations from the first four BRAC rounds and have them ready for transfer by FY2021. DoD has not established environmental remediation goals for sites identified during the 2005 BRAC round. Figures K-5 through K-8 provide detailed site status and CTC data by Component. Figures K-9 through K-13 provide site status data by BRAC Round.

Figure K-4
BRAC ETA Acreage

Installation Name	Acres Transferred	Date Transferred	Conveyance
Army			
Fort Ord	324	12/28/2005	EDC
Camp Bonneville	3,013	9/29/2006	Conservation
Navy			
Naval Training Center Orlando, EDC	0.2	9/28/2006	EDC
Naval Training Center Orlando, PBC	11.34	9/28/2006	PBC
NTC Orlando, EDC	1.034	9/28/2006	EDC
Naval Training Center Orlando, PBC	6.63	9/28/2006	PBC
Air Force			
Lowry AFB	271	1/05/2006	EDC

Army

The Army had 1,967 IRP sites at BRAC installations in FY2006, an increase of 74 sites from FY2005. Through FY2006, 1,816 Army BRAC IRP sites had achieved RIP/RC status.

As of FY2006, Army BRAC installations had 217 MMRP sites; 118 sites had completed remediation efforts and 99 sites had cleanup or investigations underway.

The Army obligated \$89.3 million in BRAC Environmental Restoration (ER) funding in FY2006; \$43.2 million for IRP sites and \$46.1 million for MMRP sites. The estimated CTC for Army BRAC IRP sites is \$523.7 million and \$800.3 million for MMRP sites.

Detailed information on the Army's BRAC efforts is displayed in Figure K-5.

Figure K-5
Army Installation Status

Sites by Classification				Completed		Underway		Future		Costs Through FY2006 (\$000)		FY2006 Funds Obligated (\$000)		FY2007 Execution Planned (\$000)		FY2008 Planning Estimate (\$000)		Estimated Costs (\$000)			
				IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP	
Phase				Sites (Actions)				IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP				
Study				1,853	124	114	93	0	0	\$551,094	\$23,254	\$6,485	\$6,495	\$2,423	\$3,688	\$4,426	\$8,813	FY2009	\$39,432	\$29,824	
IRA				217 (265)	24 (27)	7 (7)	4 (4)			\$50,441	\$18,477	\$501	\$3,002	\$0	\$1,504	\$1,287	\$4,297	FY2010	\$40,394	\$65,928	
Design				353	4	13	3	42	47	\$97,401	\$20,949	\$1,955	\$2,671	\$83	\$0	\$241	\$50	FY2011	\$33,093	\$47,526	
RA-C				501	22	46	3	53	73	\$1,027,853	\$170,712	\$12,396	\$33,626	\$4,821	\$4,800	\$16,137	\$13,392	FY2012	\$35,640	\$50,943	
RA-O				33	1	47	0	22	1	\$62,608	\$525	\$10,124	\$0	\$14,941	\$0	\$15,741	\$0	FY2013	\$33,763	\$41,760	
LTM				34	2	69	11	127	80	\$89,123	\$10,099	\$11,767	\$283	\$3,510	\$678	\$2,392	\$666	FY2007-Comp. IRP		\$523,686	
								Total	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	FY2007-Comp. MMRP		\$800,312
									\$1,878,520	\$244,016	\$43,228	\$46,077	\$25,778	\$10,670	\$40,224	\$27,218			FY2007-Complete		\$1,323,998
								Total Number of IRP Installations with Sites		127											
								Total Number of MMRP Installations with Sites		38											
RC		1,781	RC		118																
High		71	RAC-1		17																
Medium		37	RAC-2		33																
Low		43	RAC-3		19																
Not Evaluated		0	RAC-4		10																
Not Required		35	RAC-5		20																
			Not Evaluated		0																
Total Sites		1,967	Total Sites		217																

Navy

The Department of the Navy (DON), which includes the Navy and Marine Corps, is responsible for 1,124 BRAC IRP sites at 62 installations requiring environmental restoration. The number of sites increased by 30 in FY2006, with 24 sites added through the BRAC 2005 process. DON has achieved RIP/RC at 972 sites as of September 30, 2006. Of the remaining 210 sites, DON has investigations underway at 120 sites.

Through FY2006, there were 30 MMRP sites at eight DON BRAC installations. DON has achieved RC at four sites as of September 30, 2006.

Through FY2006, DON's environmental restoration work at BRAC installations totaled \$2.4 billion. In FY2006, DON obligated \$226.3 million for environmental restoration work at closing installations funded from land sale revenue generated in prior years. As of September 30, 2006, the total IRP CTC at the DON's BRAC installations is estimated at \$1.4 billion. MMRP completion costs at BRAC installations are estimated at \$101.9 million.

Detailed information on the Navy's BRAC efforts is displayed in Figure K-6.

Figure K-6
Navy Installation Status

Sites by Classification				Completed		Underway		Future		Costs Through FY2006 (\$000)		FY2006 Funds Obligated (\$000)		FY2007 Execution Planned (\$000)		FY2008 Planning Estimate (\$000)		Estimated Costs (\$000)		
				IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Phase				Sites (Actions)				IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			
Study				1,004	12	104	16	16	2	\$864,083	\$8,940	\$34,938	\$5,135	\$33,808	\$705	\$12,961	\$4,011	FY2009	\$3,298	\$499
IRA				304(361)	0(0)	14(14)	1(1)			\$451,359	\$86	\$28,055	\$86	\$90,422	\$2,218	\$33,132	\$9,125	FY2010	\$3,028	\$441
Design				221	1	24	0	67	10	\$60,689	\$0	\$7,614	\$0	\$4,338	\$0	\$3,167	\$1,308	FY2011	\$2,182	\$5,678
RA-C				322	0	43	6	79	12	\$757,097	\$11,628	\$118,899	\$1,532	\$87,497	\$10,677	\$55,318	\$6,113	FY2012	\$2,756	\$4,856
RA-O				36	0	58	0	56	5	\$137,511	\$0	\$19,979	\$0	\$16,403	\$51	\$13,688	\$51	FY2013	\$370	\$70
LTM				85	0	57	0	73	9	\$62,742	\$0	\$10,031	\$0	\$9,258	\$0	\$4,657	\$54	FY2007-Comp. IRP		\$1,417,858
								Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	FY2007-Comp. MMRP		\$101,895
																		FY2007-Complete		\$1,519,753
Total Number of IRP Installations with Sites								62												
Total Number of MMRP Installations with Sites								8												
Total Sites				1,124		Total Sites		30												

Air Force

In FY2006, the Air Force managed the cleanup activities for 1,755 IRP sites at 30 BRAC installations. The Air Force has achieved RIP/RC status at 1,329 of these sites, or 76 percent of Air Force BRAC IRP sites through FY2006.

Through FY2006, the Air Force has identified 126 MMRP sites at its BRAC installations and began evaluating requirements at these sites. This evaluation will continue in FY2007, as the Air Force works with regulators to develop

and adopt remedies to expedite decision processes and response actions at MMRP sites.

As of the end of FY2006, the Air Force BRAC site-level CTC was approximately \$1 billion. The Air Force's BRAC CTC reductions are attributable both to cleanup progress made in FY2006, resulting in a decrease in the number of open sites, and significant progress made in reducing costs.

Detailed information on the Air Force's BRAC efforts is displayed in Figure K-7.

Figure K-7
Air Force Installation Status

Sites by Classification				Completed		Underway		Future		Costs Through FY2006 (\$000)	FY2006 Funds Obligated (\$000)		FY2007 Execution Planned (\$000)		FY2008 Planning Estimate (\$000)		Estimated Costs (\$000)			
				IRP	MMRP	IRP	MMRP	IRP	MMRP		IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP	
Phase				Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			
RC	1,179	RC	0	1,343	0	412	126	0	0	\$733,482	\$480	\$13,546	\$0	\$13,325	\$0	\$13,326	\$0	FY2009	\$87,708	\$0
High	111	RAC-1	0	692(899)	0(0)	278(509)	0(0)			\$367,976	\$0	\$19,217	\$0	\$13,848	\$0	\$12,278	\$0	FY2010	\$96,402	\$0
Medium	60	RAC-2	0	107	0	0	0	295	0	\$123,320	\$0	\$2,179	\$0	\$5,561	\$0	\$0	\$0	FY2011	\$101,676	\$0
Low	24	RAC-3	0	155	0	8	0	340	0	\$661,329	\$0	\$11,458	\$0	\$1,825	\$0	\$11,814	\$0	FY2012	\$105,154	\$0
Not Evaluated	231	RAC-4	0	71	0	150	0	82	0	\$408,693	\$0	\$29,722	\$0	\$48,688	\$0	\$43,564	\$0	FY2013	\$108,282	\$0
Not Required	150	RAC-5	0	17	0	272	0	144	0	\$69,069	\$0	\$4,926	\$0	\$4,819	\$0	\$8,592	\$0	FY2007-Comp. IRP		\$1,023,520
				Total						\$2,363,779	\$480	\$81,048	\$0	\$88,066	\$0	\$89,574	\$0	FY2007-Comp. MMRP		\$0
				Total Number of IRP Installations with Sites						30										
				Total Number of MMRP Installations with Sites						25										
Total Sites	1,755	Total Sites	126													FY2007-Complete			\$1,023,520	

DLA

In FY2006, DLA continued to make excellent progress toward reaching DoD's management goals for completing environmental restoration actions at sites on their BRAC installations. DLA has 164 IRP sites at two BRAC installations; 158 sites had achieved RIP/RC through FY2006. To date, DLA has identified no MMRP sites.

DLA continues to receive stable funding for BRAC environmental restoration. In FY2006, DLA obligated \$4.2 million for restoration activities at IRP sites. The estimated CTC for DLA BRAC sites is \$28.6 million.

Detailed information on the DLA's BRAC efforts is displayed in Figure K-8.

Figure K-8
DLA Installation Status

Sites by Classification				Completed		Underway		Future		Costs Through FY2006 (\$000)		FY2006 Funds Obligated (\$000)		FY2007 Execution Planned (\$000)		FY2008 Planning Estimate (\$000)		Estimated Costs (\$000)		
				IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Phase				Sites (Actions)						IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP			
Study				164	0	0	0	0	0	\$16,915	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY2009	\$1,814	\$0
IRA				21(26)	0(0)	5(5)	0(0)			\$6,453	\$0	\$0	\$0	\$0	\$0	\$0	\$0	FY2010	\$1,744	\$0
Design				21	0	5	0	0	0	\$16,032	\$0	\$507	\$0	\$621	\$0	\$0	\$0	FY2011	\$1,765	\$0
RA-C				27	0	0	0	6	0	\$35,674	\$0	\$2,310	\$0	\$2,740	\$0	\$1,386	\$0	FY2012	\$1,839	\$0
RA-O				0	0	1	0	6	0	\$19,893	\$0	\$1,338	\$0	\$1,584	\$0	\$695	\$0	FY2013	\$1,884	\$0
LTM				1	0	0	0	28	0	\$741	\$0	\$100	\$0	\$24	\$0	\$704	\$0	FY2007-Comp. IRP		\$28,631
Not Evaluated				0														FY2007-Comp. MMRP		\$0
Not Required				1														FY2007-Complete		\$28,631
Total Sites				164																
				Total Number of IRP Installations with Sites																2
				Total Number of MMRP Installations with Sites																0

Figure K-9
BRAC 1988 Installation Status

Sites by Classification				Completed		Underway		Future		Costs Through FY2006 (\$000)		FY2006 Funds Obligated (\$000)		FY2007 Execution Planned (\$000)		FY2008 Planning Estimate (\$000)		Estimated Costs (\$000)		
				IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Phase				Sites (Actions)				IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	FY2009	IRP	MMRP
Study				1,081	45	105	47	0	0	\$436,918	\$1,105	\$2,708	\$0	\$5,806	\$780	\$6,308	\$587	FY2009	\$31,658	\$15,637
IRA				235(320)	18(20)	11(14)	1(1)			\$94,815	\$3,105	\$975	\$2,890	\$3,642	\$1,504	\$3,784	\$4,297	FY2010	\$36,564	\$10,467
Design				188	1	3	1	32	8	\$38,963	\$3,141	\$137	\$91	\$0	\$0	\$0	\$0	FY2011	\$28,893	\$15,616
RA-C				265	6	7	0	67	16	\$660,320	\$4,772	\$322	\$0	\$257	\$0	\$12,136	\$892	FY2012	\$20,541	\$18,591
RA-O				19	1	48	0	40	0	\$138,852	\$25	\$10,953	\$0	\$14,739	\$0	\$12,819	\$0	FY2013	\$18,875	\$1,231
LTM				27	2	49	3	100	17	\$37,122	\$1,852	\$2,392	\$55	\$1,439	\$135	\$2,440	\$151	FY2007-Comp. IRP		\$371,902
Total										\$1,406,990	\$14,000	\$17,487	\$3,036	\$25,883	\$2,419	\$37,487	\$5,927	FY2007-Comp. MMRP		\$107,699
Total Number of IRP Installations with Sites								87												
Total Number of MMRP Installations with Sites								13												
Total Sites				1,186	Total Sites	92														

Figure K-10
BRAC 1991 Installation Status

Sites by Classification				Completed		Underway		Future		Costs Through FY2006 (\$000)		FY2006 Funds Obligated (\$000)		FY2007 Execution Planned (\$000)		FY2008 Planning Estimate (\$000)		Estimated Costs (\$000)		
				IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Phase				Sites (Actions)				IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	FY2009	IRP	MMRP
Study				1,213	10	37	73	1	0	\$640,823	\$4,020	\$6,269	\$0	\$9,891	\$65	\$6,583	\$1,494	FY2009	\$25,929	\$11,948
IRA				445(549)	0(0)	17(19)	0(0)			\$245,130	\$0	\$20,027	\$0	\$69,037	\$0	\$26,571	\$0	FY2010	\$19,273	\$18,877
Design				179	0	8	0	8	0	\$103,247	\$8,610	\$2,509	\$0	\$300	\$0	\$602	\$0	FY2011	\$13,224	\$19,604
RA-C				227	1	23	2	11	6	\$699,779	\$83,506	\$86,902	\$7,385	\$14,473	\$4,800	\$11,849	\$10,500	FY2012	\$14,621	\$27,475
RA-O				77	0	94	0	29	0	\$199,725	\$0	\$17,254	\$0	\$26,887	\$0	\$27,718	\$0	FY2013	\$12,885	\$19,374
LTM				21	0	164	4	64	18	\$77,868	\$8,105	\$10,912	\$228	\$7,130	\$68	\$4,398	\$76	FY2007-Comp. IRP		\$1,176,275
Total										\$1,966,572	\$104,241	\$143,873	\$7,613	\$127,718	\$4,933	\$77,721	\$12,070	FY2007-Comp. MMRP		\$194,930
Total Number of IRP Installations with Sites								31												
Total Number of MMRP Installations with Sites								13												
Total Sites				1,251	Total Sites	83														

Figure K-11

BRAC 1993 Installation Status

Sites by Classification				Completed		Underway		Future		Costs Through FY2006 (\$000)		FY2006 Funds Obligated (\$000)		FY2007 Execution Planned (\$000)		FY2008 Planning Estimate (\$000)		Estimated Costs (\$000)		
				IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Phase				Sites (Actions)				IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	FY2009				
Study				845	8	72	36	3	1	\$615,342	\$4,516	\$24,676	\$1,943	\$15,474	\$215	\$1,889	\$2,970	FY2009	\$8,487	\$0
IRA				265(333)	0(0)	11(14)	1(1)			\$304,570	\$86	\$12,587	\$86	\$19,496	\$2,218	\$5,711	\$1,195	FY2010	\$5,212	\$0
Design				138	0	14	0	35	6	\$62,420	\$0	\$9,102	\$0	\$7,700	\$0	\$1,558	\$1,308	FY2011	\$4,506	\$0
RA-C				198	0	25	4	42	6	\$541,746	\$8,934	\$33,962	\$0	\$49,022	\$1,386	\$38,829	\$1,466	FY2012	\$4,469	\$0
RA-O				24	0	47	0	44	3	\$93,426	\$0	\$7,920	\$0	\$14,393	\$0	\$11,718	\$0	FY2013	\$3,840	\$0
LTM				21	0	107	0	73	8	\$45,198	\$0	\$5,949	\$0	\$5,212	\$0	\$6,301	\$54	FY2007-Comp. IRP		\$445,282
								Total	\$1,662,702	\$13,536	\$94,196	\$2,029	\$111,297	\$3,819	\$66,006	\$6,993	FY2007-Comp. MMRP		\$44,060	
				Total Number of IRP Installations with Sites				36										FY2007-Complete		\$489,342
				Total Number of MMRP Installations with Sites				9												

Figure K-12

BRAC 1995 Installation Status

Sites by Classification				Completed		Underway		Future		Costs Through FY2006 (\$000)		FY2006 Funds Obligated (\$000)		FY2007 Execution Planned (\$000)		FY2008 Planning Estimate (\$000)		Estimated Costs (\$000)		
				IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	Fiscal Year	IRP	MMRP
Phase				Sites (Actions)				IRP	MMRP	IRP	MMRP	IRP	MMRP	IRP	MMRP	FY2009				
Study				1,118	72	384	26	0	0	\$435,498	\$19,841	\$16,586	\$6,495	\$16,484	\$2,740	\$14,653	\$0	FY2009	\$60,566	\$948
IRA				268(318)	6(7)	260(483)	3(3)			\$230,794	\$15,372	\$13,590	\$112	\$10,882	\$0	\$10,631	\$0	FY2010	\$75,222	\$4,258
Design				149	4	11	2	302	5	\$92,071	\$9,198	\$507	\$2,580	\$2,448	\$0	\$1,211	\$0	FY2011	\$87,564	\$557
RA-C				261	15	21	3	329	15	\$565,443	\$85,128	\$19,925	\$27,773	\$32,389	\$7,606	\$21,469	\$5,832	FY2012	\$101,312	\$161
RA-O				18	0	39	0	31	2	\$190,780	\$500	\$19,114	\$0	\$21,681	\$51	\$19,056	\$51	FY2013	\$106,677	\$12,235
LTM				67	0	58	4	100	18	\$60,174	\$142	\$6,258	\$0	\$2,786	\$475	\$1,997	\$439	FY2007-Comp. IRP		\$923,694
								Total	\$1,574,760	\$130,181	\$75,980	\$36,960	\$86,670	\$10,872	\$69,017	\$6,372	FY2007-Comp. MMRP		\$215,858	
				Total Number of IRP Installations with Sites				54										FY2007-Complete		\$1,139,552
				Total Number of MMRP Installations with Sites				22												

