

Testimony of
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Before the Subcommittee on Military Construction and Veterans Affairs and Related Agencies

March 17, 2010

Mr. Chairman and Committee members, my name is Suzy Cantor-McKinney and I am honored to be here today representing the National Association of Ordnance and Explosive Waste Contractors commonly known as NAOC. NAOC is the trade association for firms involved in the detection and cleanup of unexploded ordnance (UXO) on active military bases, Formerly Used Defense Sites (FUDS) and Base Realignment and Closure (BRAC) sites. NAOC includes 69 member companies that participate in the entire spectrum of cleanup from the development of detection technologies to the actual cleanup of UXO sites.

I am here today to speak about environmental restoration and cleanup on Base Realignment and Closure (BRAC) sites. I am grateful for the opportunity to speak to you on behalf of NAOC about this important issue. I want to thank Chairman Edwards for his leadership and for holding this hearing. In addition, I would like to thank Congressman Farr for championing this issue.

According to the 2008 Defense Environmental Programs Annual Report to Congress (DEPARC), over the past 10 years, Congress has provided \$5.8 billion for environmental activities at BRAC installations. Annual appropriations for cleanup of BRAC sites have remained relatively consistent; however, of the total amount appropriated for environmental cleanup, only approximately \$60 million per year is spent on military munitions cleanup at Legacy BRAC sites (pre-BRAC 2005). This is a rough number as there is no requirement to report funding or expenditures for munitions cleanup separately from traditional hazardous waste cleanup. This funding is inadequate to address the military munitions cleanup of Legacy BRAC sites. Currently there are 84 Legacy BRAC Military Munitions Response Sites with a total Cost-to-Complete of \$643 million. BRAC 2005 includes an additional 38 Military Munitions Response Sites with a Cost-to-Complete of \$329 million. A detailed list is included as an attachment to my testimony.

The backlog on cleanup of Legacy BRAC sites is a problem that has been addressed by this body itself. The problem was specifically addressed in Senate Report 110-428 and House Report 110-775 which

accompanied the FY 2009 Military Construction and Veterans Affairs Appropriations bills. In the Senate version it was stated:

“The Committee remains concerned about the backlog of environmental remediation activities required to complete the cleanup of U.S. military installations closed during previous BRAC rounds. The most recent estimate of the cost to complete the cleanup of these bases is approximately \$3,000,000,000. The Committee recognizes that lengthy delays in completing environmental cleanup at shuttered bases hamper the ability of communities to put valuable property to economically and socially productive uses and it believes a more robust funding for the BRAC 1990 account will help to accelerate the cleanup and reuse of these bases.”

The Fiscal Year 2010 Military Construction and Veterans Affairs Appropriations Act included a \$100 million plus up from the President’s request for Legacy BRAC, and we are very thankful for that increase. However, when compared to the Fiscal Year 2009 appropriation, it is truly only a \$38 million plus up from the previous year. When one looks at the scope of the problem and the cost to cleanup these Legacy BRAC sites, one can see there is still much to do.

When installations are closed, the local economy has little chance of recovery until the sites are transferred to allow safe use for their newly identified purpose. Limited funding delays the required cleanup, which delays the transfer of this land from the Department of Defense (DoD) to private entities and municipalities for non-military use and tax generating economic activities. With a weakened economy and a possible prolonged recession, the timely cleanup of transferred and transferring sites, which protects the public and provides for economic development, is extremely important. Though some BRAC sites have been transferred, previous reports from the Government Accounting Office (GAO) have noted that environmental cleanup requirements present the primary challenge to transferring the remaining property.

For Fiscal Year 2011, the DoD has requested \$47 million to address remaining munitions hazards on these Legacy BRAC sites. At this rate, the program will take approximately 13 to 14 years to complete. Many sites are projected for completion in 2015 and beyond, in several cases over 20 years after the installations were identified for closure. This was not the intent of the BRAC legislation. A good example of a BRAC installation that has remaining sites awaiting cleanup is Ft. Ord located in California. Fort Ord is one of the most beautiful BRAC sites in the country with high value real estate ripe for redevelopment. The remaining cost to cleanup Ft. Ord is \$275 million, with a site within the installation having a completion

date listed as far into the future as 2023. Fort Ord was closed in BRAC 1991, with the expectation to cleanup and turn over the property to the Fort Ord Redevelopment Authority within a few years. While much progress has been made, there is still much to do. Other Legacy BRAC sites, which could be redeveloped and bring new jobs and increase the tax base are located in Alaska, Alabama, California, Colorado, Illinois, Indiana, Massachusetts, Maryland, New Mexico, New York, Oregon, and Texas.

NAOC, as a representative of the companies performing UXO work, believes that industry has significant untapped capacity and will be able to execute additional work if BRAC receives additional funding. It is our estimate that the industry can currently support funding of approximately \$1.5B a year, while the DoD funding for the cleanup of UXO has traditionally been about \$500 million a year. Our member companies employ more than 250,000 people in every state of the Union. Munitions response projects can require a wide variety of labor disciplines to execute work, including UXO technicians, engineers, scientists, geophysicists, general laborers, surveyors, risk assessors, and public relations specialists. Our industry demonstrated our ability to manage and execute surge capacity between 2003 and 2008 when we executed roughly \$1.7 billion supporting the Captured Enemy Ammunition/Coalition Munitions Clearance program for the U.S. Army Corps of Engineers. These efforts were accomplished in addition to the domestic cleanup projects being simultaneously conducted and were executed by large and small businesses alike.

In summary, it is in our national and economic interest to appropriate adequate funds for the timely and complete cleanup of UXO on Legacy BRAC sites.

Again, the National Association of Ordnance and Explosive Waste Contractors appreciates the opportunity to appear before this subcommittee and to provide you with information on the pace of clean up on BRAC sites and the challenges we are facing in accomplishing the task of completing this cleanup.

Attachment 1 – Legacy BRAC

<u>Component</u>	<u>Installation Name</u>	<u>State</u>	<u>Fund Source</u>	<u>BRAC Round</u>	<u>RIP/RC Date</u>	<u>FY09 to Complete (\$000)</u>
NAVY	ADAK NAS	AK	BRAC	IV	2014	59,551
ARMY	FORT MCCLELLAN	AL	BRAC	IV	2035	77,518
ARMY	FORT MCCLELLAN	AL	BRAC	IV	2006	399
ARMY	FORT ORD	CA	BRAC	II	2023	164,906
ARMY	FORT ORD	CA	BRAC	II	2013	31,644
ARMY	FORT ORD	CA	BRAC	II	2014	17,989
ARMY	SIERRA ARMY DEPOT	CA	BRAC	IV	2017	15,638
NAVY	MARE ISLAND NSY	CA	BRAC	III	2012	11,575
ARMY	FORT ORD	CA	BRAC	II	2014	10,382
NAVY	MARE ISLAND NSY	CA	BRAC	III	2011	8,484
ARMY	FORT ORD	CA	BRAC	II	2014	6,480
ARMY	FORT ORD	CA	BRAC	II	2014	6,430
ARMY	FORT ORD	CA	BRAC	II	2014	5,959
NAVY	MARE ISLAND NSY	CA	BRAC	III	2011	5,956
ARMY	FORT ORD	CA	BRAC	II	2014	5,159
ARMY	FORT ORD	CA	BRAC	II	2014	5,105
NAVY	MARE ISLAND NSY	CA	BRAC	III	2012	4,770
ARMY	FORT ORD	CA	BRAC	II	2012	3,607
ARMY	FORT ORD	CA	BRAC	II	2014	3,308
ARMY	FORT ORD	CA	BRAC	II	2014	3,154
ARMY	FORT ORD	CA	BRAC	II	2014	3,058
NAVY	MARE ISLAND NSY	CA	BRAC	III	2010	2,451
ARMY	FORT ORD	CA	BRAC	II	2011	2,184
ARMY	FORT ORD	CA	BRAC	II	2014	1,866
NAVY	MARE ISLAND NSY	CA	BRAC	III	2011	1,269
NAVY	MARE ISLAND NSY	CA	BRAC	III	2010	1,136
ARMY	FORT ORD	CA	BRAC	II	2014	1,030
ARMY	FORT ORD	CA	BRAC	II	2012	805
ARMY	FORT ORD	CA	BRAC	II	2010	606
ARMY	FORT ORD	CA	BRAC	II	2006	446
ARMY	FORT ORD	CA	BRAC	II	2003	398
ARMY	FORT ORD	CA	BRAC	II	2003	398
ARMY	FORT ORD	CA	BRAC	II	2006	398
NAVY	MARE ISLAND NSY	CA	BRAC	III	2010	118
AIR FORCE	GEORGE AFB	CA	BRAC	I		16
AIR FORCE	GEORGE AFB	CA	BRAC	I		15
AIR FORCE	GEORGE AFB	CA	BRAC	I		15
AIR FORCE	GEORGE AFB	CA	BRAC	I	2010	3
AIR FORCE	GEORGE AFB	CA	BRAC	I	2010	3
ARMY	PUEBLO CHEMICAL DEPOT	CO	BRAC	I	2013	5,739
ARMY	PUEBLO CHEMICAL DEPOT	CO	BRAC	I	2016	5,376
ARMY	PUEBLO CHEMICAL DEPOT	CO	BRAC	I	2016	4,130

Attachment 1 – Legacy BRAC (continued)

<u>Component</u>	<u>Installation Name</u>	<u>State</u>	<u>Fund Source</u>	<u>BRAC Round</u>	<u>RIP/RC Date</u>	<u>FY09 to Complete (\$000)</u>
ARMY	PUEBLO CHEMICAL DEPOT	CO	BRAC	I	2015	3,105
ARMY	PUEBLO CHEMICAL DEPOT	CO	BRAC	I	2016	2,604
ARMY	PUEBLO CHEMICAL DEPOT	CO	BRAC	I	2015	1,854
ARMY	PUEBLO CHEMICAL DEPOT	CO	BRAC	I	2011	1,786
ARMY	PUEBLO CHEMICAL DEPOT	CO	BRAC	I	2016	1,590
ARMY	PUEBLO CHEMICAL DEPOT	CO	BRAC	I	2014	1,486
ARMY	PUEBLO CHEMICAL DEPOT	CO	BRAC	I	2012	1,155
ARMY	PUEBLO CHEMICAL DEPOT	CO	BRAC	I	2015	924
ARMY	PUEBLO CHEMICAL DEPOT	CO	BRAC	I	2014	676
ARMY	SAVANNA DEPOT ACTIVITY	IL	BRAC	IV	2018	17,301
ARMY	SAVANNA DEPOT ACTIVITY	IL	BRAC	IV	2016	3,945
ARMY	SAVANNA DEPOT ACTIVITY	IL	BRAC	IV	2012	1,507
ARMY	SAVANNA DEPOT ACTIVITY	IL	BRAC	IV	2013	1,271
ARMY	SAVANNA DEPOT ACTIVITY	IL	BRAC	IV	2013	1,128
AIR FORCE	CHANUTE AFB	IL	BRAC	I	2010	904
ARMY	SAVANNA DEPOT ACTIVITY	IL	BRAC	IV	2014	442
ARMY	SAVANNA DEPOT ACTIVITY	IL	BRAC	IV	2013	442
ARMY	SAVANNA DEPOT ACTIVITY	IL	BRAC	IV	2011	328
ARMY	SAVANNA DEPOT ACTIVITY	IL	BRAC	IV	2016	328
ARMY	SAVANNA DEPOT ACTIVITY	IL	BRAC	IV	2015	328
ARMY	SAVANNA DEPOT ACTIVITY	IL	BRAC	IV	2012	328
AIR FORCE	GRISSOM AIR FORCE BASE	IN	BRAC	II	1997	71
AIR FORCE	GRISSOM AIR FORCE BASE	IN	BRAC	II	1998	68
NAVY	SOUTH WEYMOUTH NAS	MA	BRAC	IV	2008	2,532
ARMY	DEVENS RESERVE TRAINING FACILITY	MA	BRAC	II	2012	518
ARMY	DEVENS RESERVE TRAINING FACILITY	MA	BRAC	II	2010	85
ARMY	FORT RITCHIE	MD	BRAC	IV	2003	2,994
ARMY	FORT GEORGE G MEADE	MD	BRAC	I	1990	1,530
ARMY	FORT GEORGE G MEADE	MD	BRAC	I	2003	245
ARMY	FORT WINGATE DEPOT ACTIVITY	NM	BRAC	I	2021	47,703
ARMY	FORT WINGATE DEPOT ACTIVITY	NM	BRAC	I	2020	11,183
ARMY	FORT WINGATE DEPOT ACTIVITY	NM	BRAC	I	2017	8,594
ARMY	SENECA ARMY DEPOT ACTIVITY	NY	BRAC	IV	2017	21,947
ARMY	SENECA ARMY DEPOT ACTIVITY	NY	BRAC	IV	2012	542
ARMY	SENECA ARMY DEPOT ACTIVITY	NY	BRAC	IV	2008	261
ARMY	SENECA ARMY DEPOT ACTIVITY	NY	BRAC	IV	2009	25
ARMY	SENECA ARMY DEPOT ACTIVITY	NY	BRAC	IV	2009	25
ARMY	UMATILLA CHEMICAL DEPOT	OR	BRAC	I	2018	16,061
ARMY	UMATILLA CHEMICAL DEPOT	OR	BRAC	I	2009	110
ARMY	RED RIVER ARMY DEPOT	TX	BRAC	IV	2011	3,351
ARMY	RED RIVER ARMY DEPOT	TX	BRAC	IV	2011	1,934
AIR FORCE	REESE AFB	TX	BRAC	IV	2000	43

Attachment 2 – BRAC 2005

<u>Component</u>	<u>Installation Name</u>	<u>State</u>	<u>Fund Source</u>	<u>BRAC Round</u>	<u>RIP/RC Date</u>	<u>FY09 to Complete (\$000)</u>
AIR FORCE	GALENA FOL	AK	BRAC	V		596
NAVY	CONCORD NWS	CA	BRAC	V	2012	3,526
NAVY	CONCORD NWS	CA	BRAC	V	2014	3,104
NAVY	CONCORD NWS	CA	BRAC	V	2015	2,555
NAVY	CONCORD NWS	CA	BRAC	V	2015	2,437
NAVY	CONCORD NWS	CA	BRAC	V	2013	435
ARMY	FORT GILLEM	GA	BRAC	V	2010	512
ARMY	FORT MCPHERSON	GA	BRAC	V	2011	512
ARMY	NEWPORT CHEMICAL DEPOT	IN	BRAC	V	2012	6,873
ARMY	NEWPORT CHEMICAL DEPOT	IN	BRAC	V	2012	113
ARMY	KANSAS ARMY AMMUNITION PLANT	KS	BRAC	V	2011	2,093
NAVY	BRUNSWICK NAS	ME	BRAC	V	2013	2,624
NAVY	BRUNSWICK NAS	ME	BRAC	V	2010	2,350
NAVY	BRUNSWICK NAS	ME	BRAC	V	2012	1,093
ARMY	MISSISSIPPI ARMY AMMUNITION PLANT	MS	BRAC	V	2013	2,747
ARMY	LONE STAR ARMY AMMUNITION PLANT	TX	BRAC	V	2012	823
ARMY	DESERET CHEMICAL DEPOT	UT	BRAC	V	2016	127,768
ARMY	DESERET CHEMICAL DEPOT	UT	BRAC	V	2016	62,166
ARMY	DESERET CHEMICAL DEPOT	UT	BRAC	V	2015	21,350
ARMY	DESERET CHEMICAL DEPOT	UT	BRAC	V	2014	11,171
ARMY	DESERET CHEMICAL DEPOT	UT	BRAC	V	2013	5,787
ARMY	FORT MONROE	VA	BRAC	V	2012	36,375
ARMY	FORT MONROE	VA	BRAC	V	2013	17,022
ARMY	FORT MONROE	VA	BRAC	V	2011	3,172
ARMY	FORT MONROE	VA	BRAC	V	2011	2,257
ARMY	FORT MONROE	VA	BRAC	V	2011	1,771
ARMY	FORT MONROE	VA	BRAC	V	2011	1,667
ARMY	FORT MONROE	VA	BRAC	V	2011	1,549
ARMY	FORT MONROE	VA	BRAC	V	2011	1,215
ARMY	FORT MONROE	VA	BRAC	V	2011	940
ARMY	FORT MONROE	VA	BRAC	V	2011	864
ARMY	FORT MONROE	VA	BRAC	V	2011	762
ARMY	FORT MONROE	VA	BRAC	V	2010	41
ARMY	FORT MONROE	VA	BRAC	V	2010	40
ARMY	FORT MONROE	VA	BRAC	V	2010	24
ARMY	FORT MONROE	VA	BRAC	V	2010	4
ARMY	VANCOUVER BARRACKS	WA	BRAC	V	2010	414
ARMY	VANCOUVER BARRACKS	WA	BRAC	V	2010	283

Military Munitions Response Program Sites

3,674 sites reported in the 2008 Defense Environmental Programs Annual Report to Congress

