



FY07 ER,A Program Review / FY08 ER,A Program Management Plan

4 December 2007



Topics

- **FY07 Accomplishments**
- **FY08 Workplans**
- **FY08 Program Management Plan Key Objectives**
- **Challenges**
- **Summary**



FY07 Accomplishments

ANOTHER GOOD YEAR!

THANKS FOR YOUR EFFORTS!!



FY07 Accomplishments

Site RIP/RC

(Remedy in Place/Response Complete)

Fall 2006 Planned	Fall 2007 Actuals
244	218
	89.3%

* Data from Fall 07 Data Call

Beat last year's mark of 87% (134 sites)!!



FY07 Highlights

Installation RIP/RC

Achieved Remedy in Place/Response Complete at 15 installations

INSTALLATION	RIP/RC
Camp Crowder	Feb 07
Danvers ASARC	May 07
Indiana AAP	Jun 07
Fort Chaffee MTA	Jun 07
USARC Kings Mills	Sep 07
Holston AAP	Sep 07
Camp Roberts	Sep 07
Fort Knox	Sep 07
Red River AD	Sep 07
Fort Drum	Sep 07
Fort Pickett ARNG	Sep 07
Fort Benning	Sep 07
Fort Irwin	Sep 07
Fort Story	Sep 07
Tripler AMC	Sep 07

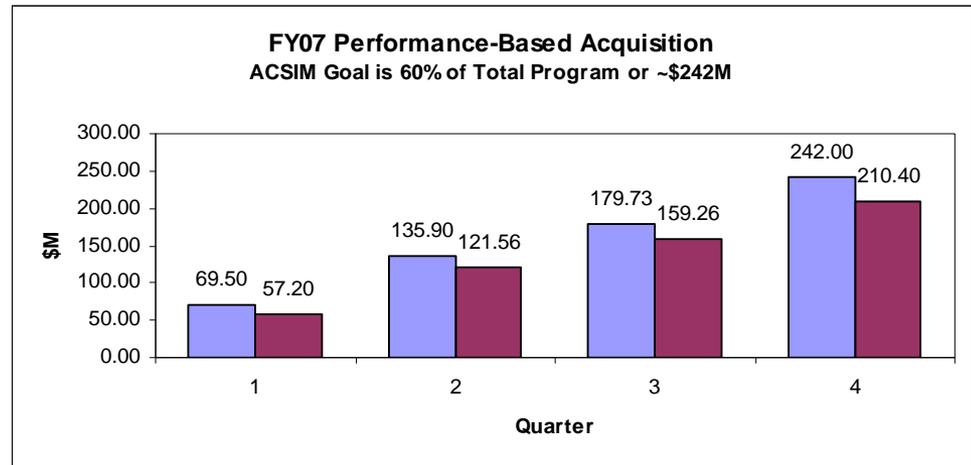


Performance-Based Acquisition

- **Since 2000, Army has awarded 61 PBA contracts**
 - \$643M in contract value awarded
 - Range in value from \$550,000 to \$56.5 million
 - Contracts in 40 states and Puerto Rico and all 10 EPA Regions at 94 installations (~930 sites)
 - Total Savings = \$314M; Averaging 33% under CTC-based cost

FY07 Progress:

- Target: 60% of program (~\$242M)
- Actual: 52% of program (\$210M)
- 9 contract awards in FY07 (~\$65M)
 - 4 Large Business (\$37M)
 - 5 Small Business (\$28M)
- Total Cost Avoidance = \$18.6M





**ER,A PBA Summary
FY01 – FY07**

Fiscal Year	Number of Awarded Contracts	Total Contract Award (\$M)	Cost Avoidance When Compared Against CTC (\$M)	Number of Sites
FY01-02	2	39.323	2.877	50
FY03	5	98.795	21.203	69
FY04	14	152.738	123.351	144
FY05	19	166.641	69.291	255
FY06	12	113.172	78.815	295
FY07	9	65.095	18.645	119
TOTAL	61	635.764	314.183	932



MMRP FY07 Accomplishments

- **Completed 61 Installation Site Inspections through FY07 (out of 157)**
- **Initiated 43 new installation Site Inspections**
- **79 Site Inspections are currently underway**
- **SIs completed through FY07 resulted in 94% acreage reduction (711K acres down to 41K acres)**

On track to meet FY10 SI completion goal

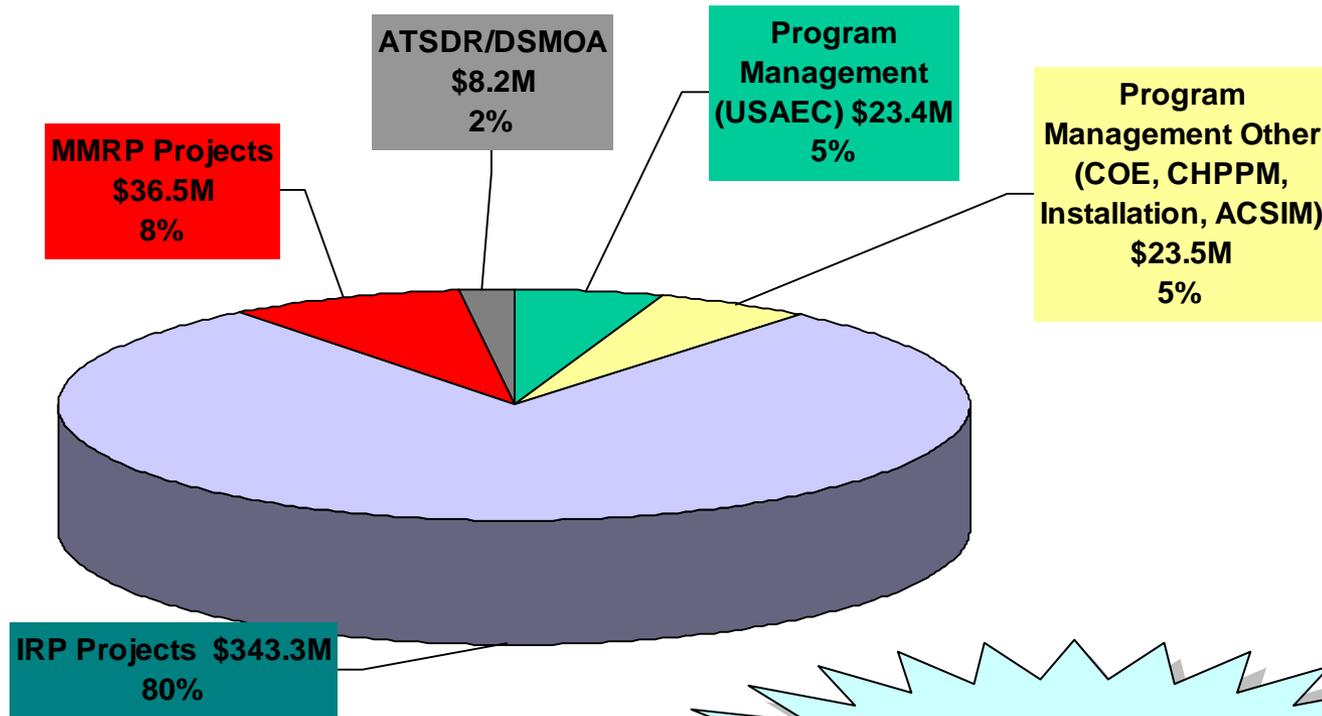


FY08 Work Plans



FY08 ER,A Work Plan (\$434.9M)

Program Management 12.7% *



FY02 to FY07 PM costs reduced from \$46M to \$32M (\$46.8M Savings to Projects)

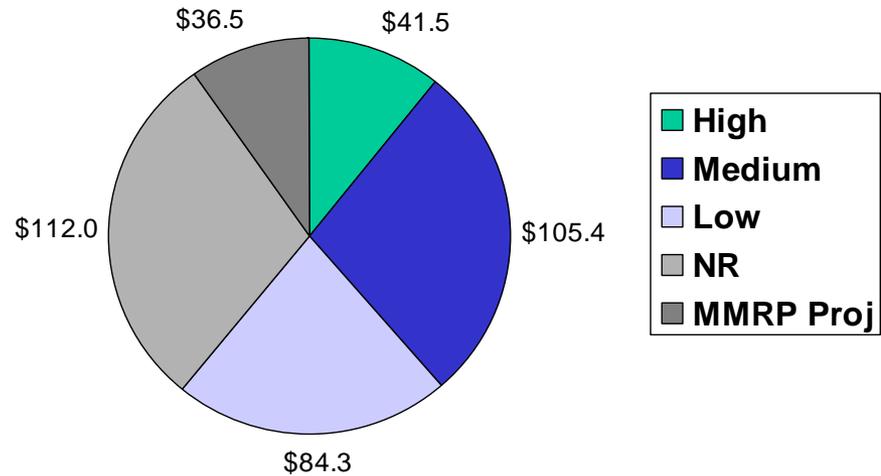
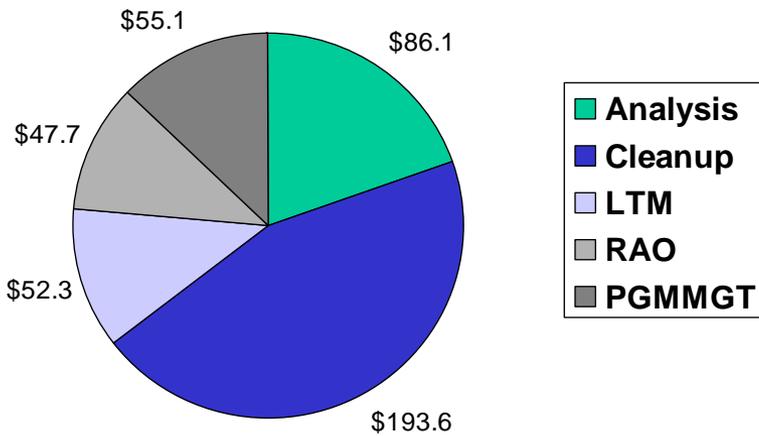
DSMOA – Defense/State Memorandum of Agreement
ATSDR – Agency for Toxic Substances and Disease Registry



FY08 Work Plan Overall Army (\$434.9M)

Phase

Relative Risk Site Evaluation (RRSE)



IRP PROJECTS = \$343.3M / PGMMGT = \$55.1M / MMRP Projects = \$36.5M

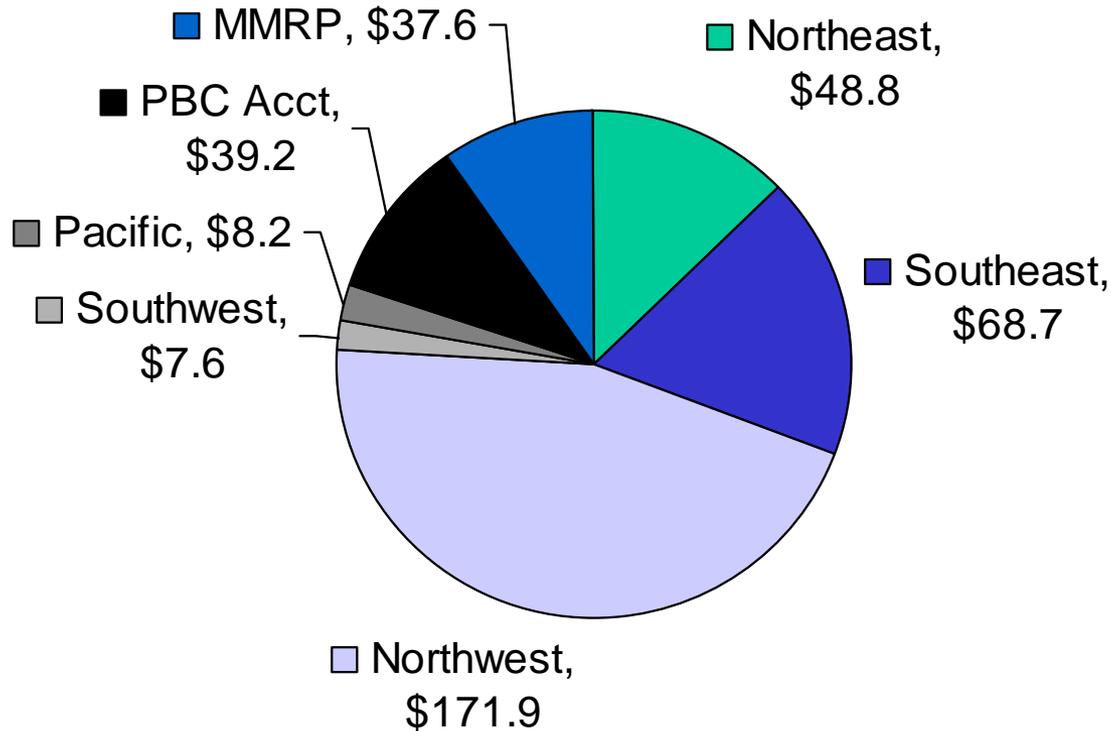
LTM – Long Term Monitoring
RAO – Remedial Action Operations

NR – Not Required



FY08 ER,A Work Plan

By Region (projects only) \$382.0M



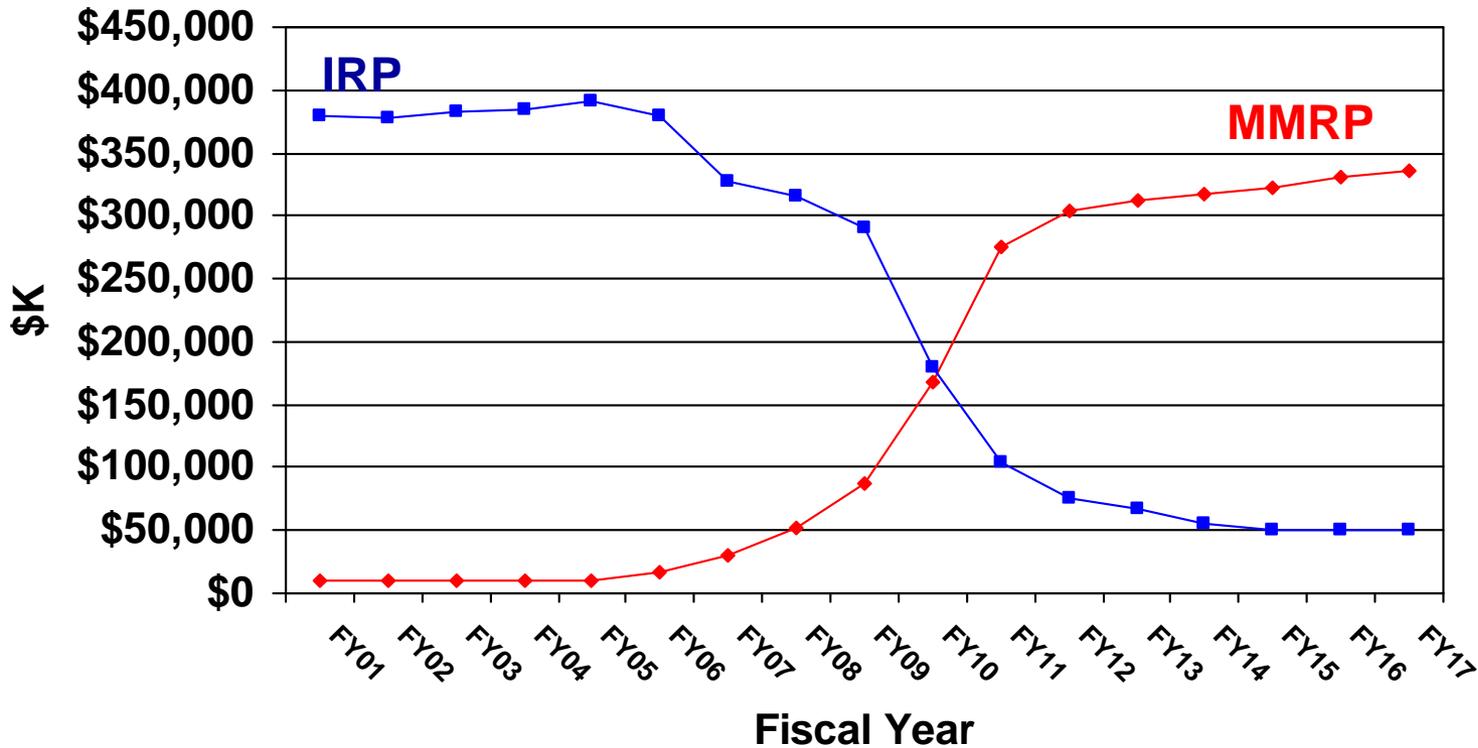
Largest portion going to Northwest – Rocky Mtn Arsenal

Does not include PGMMGT



Program Shift

Cleanup Focus is Shifting From IRP to MMRP





Military Munitions Response Program

- 157 Total Installations; 804 sites
- MMRP Ramp-up

FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11
\$10.0M	\$9.9M	\$9.4M	\$9.7M	\$9.8M	\$19.8M	\$30.1M	\$52.4M	\$87.6M	\$167.8M	\$276.0M

On track to meet FY10 SI Completion Goal

Quick Glance at FY08 Funding

- Site Inspections – 34%
- NDNODS Inventory – 13%
- Beyond SI Level Work – 42%



FY08 MMRP Projects

INSTALLATION	\$K	ACTION
BLOSSOM POINT FIELD TEST FACILITY	1150	UXO Clearance
CHARLES MELVIN PRICE SUPPORT CENTER	25	UXO Clearance; Waste Removal-Soils; Fence
CORNHUSKER ARMY AMMUNITION PLANT	6362	UXO Clearance; Ex Situ Soil Treatment
FORT BELVOIR	3500	UXO Clearance
FORT BLISS	525	Fence
FORT EUSTIS	233	Waste Removal-Soils
FORT LEAVENWORTH	5100	Waste Removal-Soils
REDSTONE ARSENAL	600	UXO Clearance
3 Installations	11220	Remedial Investigation
99 Installations	7768	Site Inspection
TOTAL	36483	



FY08 Program Management Plan Key Objectives



FY08 Installation RIP/RC Projections

**RIP RC
DATE**

INSTALLATION

HUNTER ARMY AIRFIELD	Nov 07
JOLIET AAP	Dec 07
CAMP BULLIS	Jan 08
MIDDLETOWN USARC	Feb 08
LINCOLN AMSA 68	May 08
LOS ALAMITOS	May 08
LTA, MARION ENGR DEPOT	May 08
USARC FT NATHANIEL GREENE	May 08
TOOELE ARMY DEPOT	Jun 08
FORT BRAGG	Jun 08
FORT DIX	Sep 08
FORT JACKSON	Sep 08
GERSTLE RIVER TEST SITE	Sep 08
LAKE CITY AAP	Sep 08
SIERRA ARMY DEPOT	Sep 08
SUNFLOWER AAP	Sep 08

**PROJECTION:
16
Installation
RIP/RCs**

MACOM BREAKOUT

IMCOM	8
Special	1
NGB	1
Reserves	4
Excess	2



FY08 Key Objectives

Objective: 96% of High Sites RIP/RC by end of FY08

**PROJECTION:
95.4 %**

**66 Sites at
19 Installations
remaining at
end of FY08**

Installation	# High Sites Missing FY08
Aberdeen Proving Ground	1
AMSA 137 (Pier 23)	1
Anniston Army Depot	1
Badger AAP	3
Fort Eustis	2
Fort Meade	5
Fort Leavenworth	1
Fort Lee	1
Fort Wainwright	1
Letterkenny Army Depot	4
Longhorn AAP	7
Milan AAP	3
Phoenix Mil Res	1
Picatinny Arsenal	9
Radford AAP	15
Ravenna AAP	4
Redstone Arsenal	4
Rock Island Arsenal	1
Volunteer AAP	2

* PBA contracts in place to prevent further schedule slips



GOAL:
50% OF
TOTAL ER,A
PROGRAM
~\$220

FY08 PBA Candidates	Anticipated Contracting Method
Aberdeen Proving Ground - New O-Field	BEST II
Anniston Army Depot	TBD
Dugway Proving Ground - Phase III	ID/IQ – Large Business
Fort Belvoir	TBD
Fort Carson	ID/IQ – Large Business
Fort Lewis	ID/IQ – Small Business
Hunter Army Airfield/Fort Stewart	ID/IQ – Large Business
Picatinny Arsenal - Phase II	ID/IQ – Large Business
Pueblo Chemical Depot	ID/IQ - Large Business
Radford Army Ammunition Plant - Phase II	ID/IQ – Large Business
Ravenna Army Ammunition Plant - Phase III	TBD
Redstone Arsenal	Full and Open
White Sands Missile Range	ID/IQ - TBD
Fort Dix/Fort Drum/West Point Military Reservation Optimization Contract	ID/IQ –Small Business



FY08 Key Objectives

MMRP

- **Complete an additional 25 Installation Site Inspections**
- **Initiate final 26 installation Site Inspections**
- **Complete MRS Prioritization Protocol for 25 Installations**
- **Staff Active Installation MMRP Guide by Dec 07**
- **Draft MMRP Risk Management Strategy by Mar 08**
- **Finalize MMRP RI/FS Guidance by Oct 08**
- **Conduct removal actions identified by SI efforts**



FY08 Key Objectives

Objective: Auditable Environmental Liabilities – 4QFY10 Assertion

➤ Environmental Liabilities / Real Property Inventory Reconciliation (Sep 08)

- In-house development of GIS layers for all IRP and MMRP sites
- Reconciliation through overlay of Site and RPI GIS layers to identify site-to-parcel relationship
- AEDB modification to record parcel identifier(s) for each site



This effort also supports the Land Use Control effort



FY08 Key Objectives

Objective: Auditable Environmental Liabilities – 4QFY10 Assertion

- All deficiencies from previous audits addressed
 - Documentation Trail (Business process in place; AEDB modified)
 - Supervisory Reviews (Checklists recorded AEDB)
 - QA/QC (IAP Tool and QC providing consistency between AEDB and IAPs)
 - Feeder system found substantially compliant

• All the effort put into improving our cost estimates and backup has paid off!!

• Need to maintain the quality

• IAP Tool and Streamlined IAP/CTC/-R Process put in place to help



Other FY08 Objectives

- **Develop guidance for documenting LUCs in ROD/DD and Remedial Design (Mar 08)**
- **Develop LUC Management Plan (Mar 08)**
 - **LSS Effort Planned – LUC Guidance**
- **Develop GIS Layers for LUC Management for GISR (Sep 08)**
 - **LSS Effort Planned – LUCs integration with Master Planning**
- **Permanent Cleanup Document Repository – 96 Installations by end of FY08**
- **Conduct 5-Year Reviews**
- **Ensure Natural Resource Trustee Notifications are documented**
- **Admin Record inspection**



CHALLENGES

- **USEPA and State push to restore all groundwater to beneficial use**
 - Ignores land use in determining risk (MCLs used as default measure of risk)
 - Ignores proper identification of Applicable or Relevant and Appropriate Requirements (ARARS) under CERCLA/NCP
 - Holding up final actions at Milan, Volunteer, and Anniston and will impact Redstone completion

- **Need to establish “risk management” approach to MMRP early**
 - Focuses investigation on likely remedies (controls cost/length of studies)
 - Avoid unnecessarily conservative cleanup
 - Focuses cleanup on property Army can't control
 - RI/FS Guidance is structured around Risk Management approach



Summary

By End of FY08

- **48 out of 1083 IRP installations remaining to achieve all site completions**
- **50% of ER,A FY08 program executed under Performance Based Acquisition**
- **Over 95% of High Relative Risk sites completed (1350 of 1416 sites)**
- **53% of all MMRP Site Inspections Complete; 100% underway or complete (Total of 158 MMRP Installations)**



Recommended Reading

<http://aec.army.mil/usaec/cleanup/fy08pmp.pdf>