

***Radford Army Ammunition Plant
Restoration Advisory Board (RAB)
Meeting***

December 14, 2006

**DRAFT MINUTES FROM THE RADFORD ARMY AMMUNITION PLANT (RFAAP)
RESTORATION ADVISORY BOARD (RAB) MEETING
December 14, 2006**

Attendees/Organization

Jim McKenna	RFAAP ACO/RAB Co-Chair
Jeremy Flint	RFAAP/ATK
Tom Meyer	USACE/Baltimore
Steve Cole	RAB Member
Joe Parr....	RAB Member
Shawn Utt	Pulaski County
Jeffrey Parks	Shaw Environmental

Introductions

Mr. Jim McKenna began the meeting at 7:10 p.m. All attendees introduced themselves to the group. Mr. McKenna made opening remarks; discussed the agenda (attached), and spoke briefly about the PBC contracting mechanism that was going to be discussed, sampling being conducted at SWMU 54, the Building 4343 final remedial report and the final SWMU 31 RFI reports that would be submitted in December.

Presentation

Mr. Tom Meyer made a presentation on the Performance-Based Contracting (PBC) mechanism that the Army has recently implemented at Radford. (attached). He discussed the definition and elements of a performance based contract. Mr. Meyer pointed out that this type of contracting let the Army determine the end points (goals) but placed the responsibility of how the goals are accomplished on the PBC contractor. The current PBC covers 11 sites and was awarded on 20 Sep 2006 to Shaw Environmental, Inc. The awarded amount was \$11,830,470.

Comments/Questions

There was general discussion about the presentation. Discussion revolved around the sites covered by the PBC, whether other sites were being worked on outside the PBC, and whether there would be future PBC offerings.

Closing Remarks

The meeting was concluded at 8:00 p.m. The next RAB meeting is scheduled for March 15, 2007.

Attachments:

Sign in sheet

Agenda

IRP Status update

PBC power point presentation

SIGN IN

1. Jim McKenna, Radford AAP ACO
2. Jeremy Flint, RF AAP ATK
3. Tom Meyer, USACE Baltimore District.
4. STEVE COLE, BLACKSBURG, VA
5. JEFF PARKS, SHAW
6. SHAWN UTI, Pulaski County
7. Joe Ransby, RAB

Radford Army Ammunition Plant

Draft Restoration Advisory Board Meeting Agenda

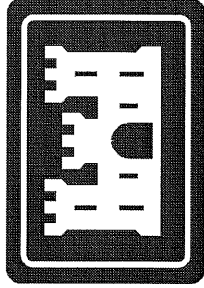
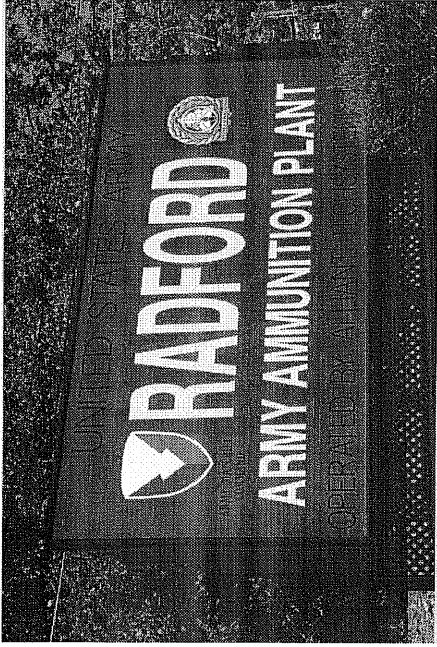
Thursday, December 14, 2006

- 7:00 PM Introductory Remarks, Jim McKenna Radford AAP
- 7:10 PM Installation Restoration Program Status, Jim McKenna
- 7:20PM Performance Based Contracting, Tom Meyer, Baltimore District, Corps of Engineers
- 7:40 PM Question-Answer/Community Input
- 7:55 PM Next RAB meeting on Thursday March 15, 2007
- 7:55 PM Closing Remarks, Jim McKenna
- 8:00 PM Adjourn

RADFORD ARMY AMMUNITION PLANT IRP STATUS REPORT UPDATE

The following activities were completed in support of the Installation Restoration Program.

- 10/20/2006 RFAAP submits the Building 4343 Interim Measures Work Plan, Final Document, October 2006.
- 10/16/2006 EPA approves No Further Action Decision Documents for SWMUs 8 and 36 based on the assessments and evaluations from the Soil Screening Report, Final Document, January 2004
- 10/12/2006 RFAAP submits the Installation Action Plan, May/FY06, Final August 22, 2006.
- 09/20/2006 EPA approves Building 4343 Interim Measures Work Plan, Final Document, August 2006.
- 09/11/2006 DEQ approves Building 4343 Interim Measures Work Plan, Final Document, August 2006.
- 08/30/2006 RFAAP begins implementing the Interim Measures Work Plan at Bldg. 4343.
- 08/14/2006 RFAAP submits Building 4343 Interim Measures Work Plan, Final Document, August 2006 to EPA and DEQ.
- 08/07/2006 RFAAP sends a letter to EPA in re assessment of SWMU 31 data and to begin the consultation process to resolve regulatory comments.
- 06/30/2006 RFAAP submits a revised ecological approach and response to 06/19/2006 EPA comments on the draft.
- 06/21/2006 Progress meeting held among EPA, DEQ, RFAAP and USAEC. Agenda topics were SWMUs 54, 31, 40/71, 41, AOCs A, F and Bldg 4343, NRU and Horseshoe groundwater, risk assessment overview. EPA and DEQ approve the start of interim measures at Bldg 4343.
- 06/19/2006 RFAAP requests an extension to respond to EPA comments dated 06/19, 05/08 and 04/25/2006 in re SWMU 31.
- 06/19/2006 EPA comments on the SWMU 31 Amphibian Assessment.
- 06/19/2006 EPA comments on ecological approach and additional information for SWMU 54 that was submitted via email on 04/21/2006.
- 05/31/2006 RFAAP provides EPA and DEQ with soil and groundwater data for sites within the Horseshoe Area.
- 05/24-25/2006 RFAAP, USAEC, ATK, EPA and DEQ meet for the Installation Action Plan Workshop.
- 05/08/2006 EPA comments on the SWMU 31 RCRA Facility Investigation Report, Draft Document, November 2005.
- 04/25/2006 RFAAP submits SWMU 31 Amphibian Assessment via email.
- 04/25/2006 EPA comments on the SWMU 31 RCRA Facility Investigation Report, Draft Document, November 2005.

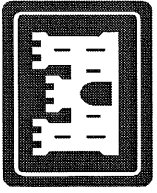


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Radford AAP

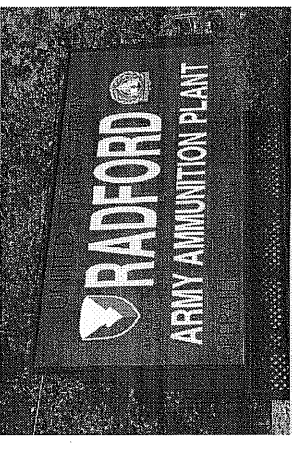
Performance-Based Contracting (PBC)

14 December 2006

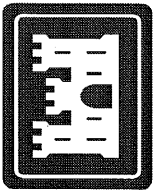


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Radford AAP - PBC

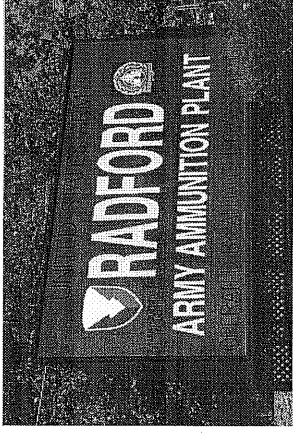


- Definition of a Performance-Based Contract:
 - a contracting approach that involves acquisition strategies, methods, and techniques that describe and communicate measurable outcomes rather than direct performance processes.
 - It is structured around defining a service requirement in terms of performance objectives and providing contractors the latitude to determine how to meet those objectives.
 - Simply put, it is a method for acquiring what is required and placing the responsibility for how it is accomplished on the contractor.



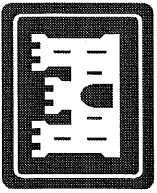
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Radford AAP - PBC



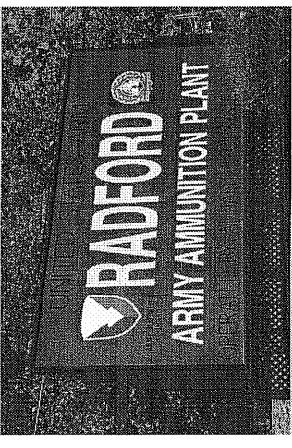
- **Elements of a PBC:**

- Performance Work Statement — The Performance Work Statement describes the requirement in terms of measurable outcomes rather than by means of prescriptive methods.
- Measurable Performance Standards — To determine whether performance outcomes have been met, measurable performance standards define what is considered acceptable performance.
- Performance Assessment Plan — This plan describes how contractor performance will be measured and assessed against performance standards. [Quality Assurance Surveillance Plan (QASP)].
- Method of assessing contractor performance against performance standards. Remedies — are procedures that address how to manage performance that does not meet performance standards. While not mandatory, incentives should be used, where appropriate, to encourage performance that will exceed performance standards. Remedies and incentives complement each other.



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Radford AAP - PBC

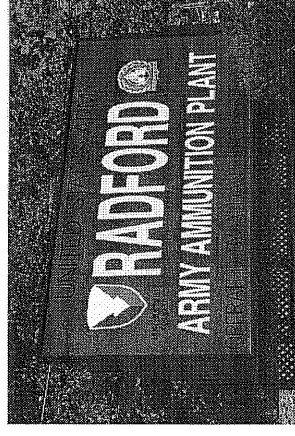


- **Considerations in choosing to use a PBC**
 - Are the nature, concentration level, and extent of contamination well defined?
 - What laws and regulations are applicable for determining cleanup goals?
 - What is the current and foreseeable land use of the site?
 - What RCRA/CERCLA phase is the site in? A PBC can be used at any phase of a site's cleanup life cycle; however, use of PBC is optimal after the Remedial Investigation is complete, but before the remedy is selected.

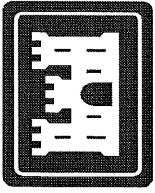


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Radford AAP - PBC



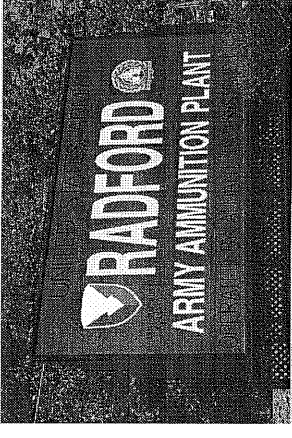
- **The Federal Acquisition Regulations require agencies to use PBC methods to the maximum extent practicable when acquiring services**
- **By linking payment to performance measures, PBC offers potential advantages to the Government**
- **PBC can be used to promote innovative cleanup technologies and strategies that expedite completion of environmental cleanup, while reducing funding uncertainties, lowering overall liability, and expediting the reduction of risks to public health and the environment**



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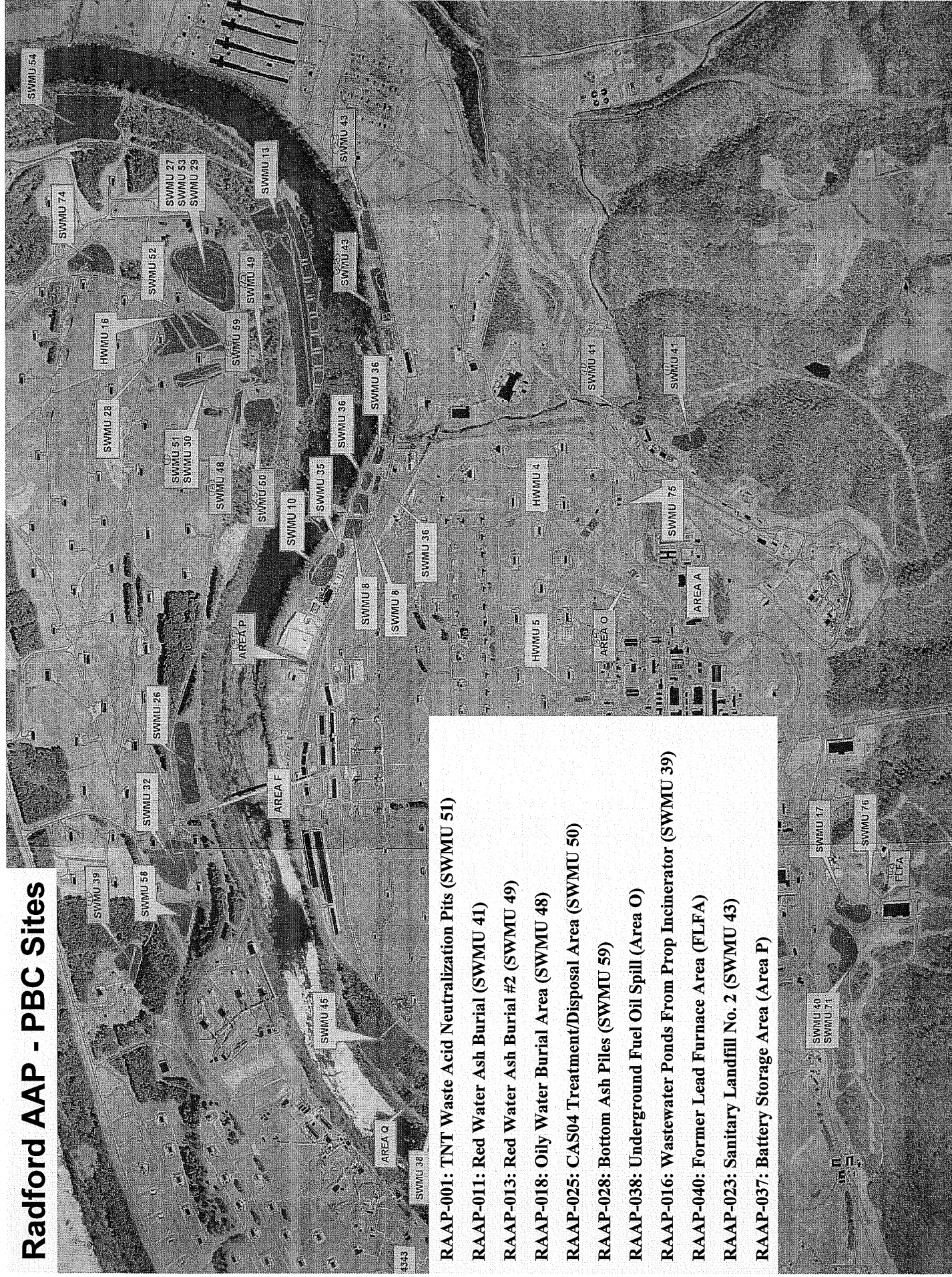
Radford AAP – PBC

Goals



- **Achievement of Response In Place (RIP) by Sep 30, 2009**
 - **RAAP-001: TNT Waste Acid Neutralization Pits (SWMU 51)**
 - **RAAP-011: Red Water Ash Burial (SWMU 41)**
 - **RAAP-013: Red Water Ash Burial #2 (SWMU 49)**
 - **RAAP-018: Oily Water Burial Area (SWMU 48)**
 - **RAAP-025: CAS04 Treatment/Disposal Area (SWMU 50)**
 - **RAAP-028: Bottom Ash Piles (SWMU 59)**
 - **RAAP-038: Underground Fuel Oil Spill (Area O)**
- **RAAP-016: Wastewater Ponds From Prop Incinerator (SWMU 39)**
 - **Implement the Approved CMS and Achieve Response Complete (RC) by Sep 30, 2009**
- **RAAP-040: Former Lead Furnace Area (FLFA)**
 - **Achievement of Response Complete (RC) for Soil by Sep 30, 2009**
- **RAAP-040 : Former Lead Furnace Area (FLFA)**
 - **Completion of RFI/CMS for Groundwater by Sep 30, 2009**
- **RAAP-023: Sanitary Landfill No. 2 (SWMU 43)**
 - **Completion of RFI/CMS by Sep 30, 2009**
- **RAAP-037: Battery Storage Area (Area P)**
 - **Completion of RFI/CMS by Sep 30, 2009**

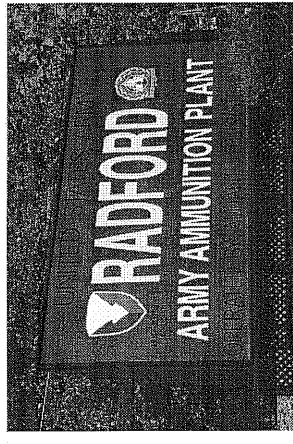
Radford AAP - PBC Sites





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Radford AAP - PBC



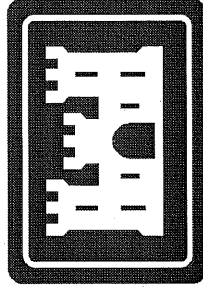
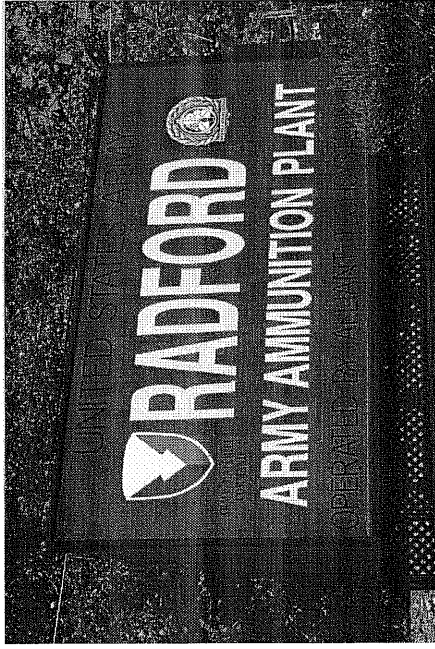
- **Contract:**

- Awarded 20 Sep 06

- Award was based on Technically Acceptable and Lowest

Bid

- Awarded to Shaw Environmental, Inc.
- Awarded Amount \$11,830,470



**US Army Corps
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Baltimore District**

Radford AAP

Performance Based Contract (PBC)

QUESTIONS???

14 December 2006