

**Final Meeting Minutes  
Restoration Advisory Board (RAB) Meeting  
Sunflower Army Ammunition Plant (SFAAP)  
Wednesday, November 10, 2004**

1. The RAB meeting was held on Wednesday, November 10, 2004, in the Clearview City Ball Room. Copies of the agenda and sign-in sheet are attached. Mr. Tony Spaar, the Commander's Representative at SFAAP and Army RAB Co-chair, called the meeting to order at approximately 6:00 p.m. Introductions were made around the room.
2. Mr. Tony Spaar, the Commander's Representative at SFAAP and Army RAB Co-chair, then asked for comments regarding the draft minutes from the March 3, 2004 meeting. Mrs. Micheline Burger moved that the minutes be approved as submitted, seconded by Mr. Leon Coker. Minutes approved without change.

**3. IRP Project Update**

**A. FYO5 Obligation Plan:**

Mr. Tony Spaar, the Commander's Representative at SFAAP and Army RAB Co-chair, stated that all work scheduled to be funded in October has been funded. Additional funding for SWMU 22 (Old explosive waste burning grounds) has been given and work will begin 11/11/2004.

**B. Corp of Engineers Update**

- a. **SWMU 10 (F-Line Ditches, Mechanized Roll Area and Upland Building Foundations):** \$483,000.00 to perform excavation and removal of contaminated soil
- b. **SWMU 22 (Old Explosive Burning Grounds):** Additional \$227,000.00 to complete excavation and removal of contaminated soil at SWMU 22.

**C. Shaw Update of Ongoing Work**

**Task Order 004 – SWMU 22 – Old Explosive Waste Burning Grounds**

**SWMU 22 - Old Explosive Waste Burning Grounds:** Transportation and disposal of remaining soil and site restoration including seeding is scheduled to begin 11/11/2004. Weather permitting; completion will take 3 - 4 weeks. To date 34,500 tons have been transported offsite for disposal and approximately 7,500 tons remain stockpiled onsite awaiting disposal.

**Task Order 008**

- **SWMU 18 – Old/New Sanitary Landfills, SWMU 19 – Coal Ash Landfill, SWMU 49 – Road adjacent to landfill:** This is an RFI investigation to locate the boundaries of the landfill, determine the approximate depth of the existing cap and to determine groundwater flow direction, and gather soil information to

begin design of the remedy. The work plan was approved and work began 2 weeks ago. Shaw has completed delineation of the landfill boundaries and the investigation adjacent to SWMU 49 to determine if the landfill went under the existing access road. The next step will be to bring in a drill rig to put 2 temporary monitoring wells in to determine groundwater flow direction and also test the permeability and the conductivity of the soil. In other words, figure out the direction the groundwater is moving and how fast it moves through the soil. Shaw will also install 3 permanent monitoring wells for further groundwater investigations.

- **SWMU 10 – F-Line Ditches, Mechanized Roll Area and Upland Building Foundations (Formerly AOC 6):** This is a continuation of the removal which began in 2000 at SWMUs 10 and 11. The Draft work plan and maps are being revised and the plan will be resubmitted next week. Work is scheduled to begin in December. Work includes excavation, treatment, and transportation and disposal of approximately 6000 tons of contaminated soil.
  
- **SWMU 41 – Calcium Carbonate Landfill:** This is a long term monitoring (LTM) site in which Shaw completed the sampling of 16 initial monitoring wells in June 04. The analytical results were reviewed and a proposed plan for the next phase, which consists of 2 more rounds of sampling 6 wells, has been distributed and this site is also scheduled to start in January 05.
  
- **SWMU 25 – Nitrocellulose Area Ditches:** This will be an RFI addendum to close data gaps identified in the previous investigation. Sampling will be for Nitrocellulose and metals in soils and groundwater. Shaw recently completed an explosive safety assessment of this site which showed little or no explosive contamination. The Draft-Final work plan has been distributed and Shaw anticipates starting work in January 05.
  
- **SWMU 53 – Burn and Debris Area North of the Sewage Treatment Plant:** This is an RFI investigation and the scope is to sample surface soil, subsurface soil and sediment. The Draft-Final work plan has been submitted to the TRC for review. Once the comments are received, the plan will be revised and resubmitted to the TRC. The investigation will begin in January 05.
  
- Ian Sangster (Task Manager, Shaw) gave presentation on Phase II of the Stream Study. The objective of Phase I was to find out if contaminants existed at the drainage ditches entrances to creeks. The objective of Phase II was to define the nature of the contaminants. The scope was expanded to include low flow samples and added 5 new locations.
  
- Rob Elder (Technical Leader, Shaw) gave presentation on the Groundwater Operable Unit (GWOU) 1. He explained how the operable units were delineated and how Shaw will investigate these units.

#### **4. New Business**

- No new business discussed.

#### **5. Question and Answers**

- Ian Sangster was asked “How often were the samples collected during the stream study?” He replied that 1 round of samples were collected during Phase I of the Stream Study consisting of 1 sediment sample and 1 surface water sample. During Phase II of the stream study, 1 round of low flow samples were collected during dry months, and 2 rounds of surface water samples (spring and fall events) were collected.
- Ian Sangster was asked “What is the difference between low-flow and normal flow sampling?” He replied that low-flow sampling was collected during dry season to see if contaminants were potentially flowing to streams from the groundwater. Normal flow samples would include water that could potentially be contaminated from running off sites.

**7.** The next RAB meeting will be held on January 5, 2005 (first Wednesday of the month) at 6:00 pm.

**8.** Meeting was adjourned at 7:30 pm and opened up to non ER, A updates and questions.