

**TIM #8 MEETING MINUTES**  
**TREATABILITY STUDY FOR AREA OF CONCERN (AOC)-65**  
**CAMP STANLEY STORAGE ACTIVITY**  
**F41624-00-D-8024/TASK ORDER 0058**  
**PARSONS 740999.02020**

**Date:** July 14, 2003  
**Time:** 1:30 P.M - 5:00 P.M.  
**Place:** Camp Stanley Storage Activity (CSSA)

**Subject:** TIM #8 to discuss current status of the subject task order's scope of work tasks; to discuss contents of three remaining report submittals; to review general findings from the SVE testing, Operations and Maintenance, and recharge studies; and to review recommended restoration activities that will be included in the report submittals for AOC-65.

Attendees:

<b>Attendee</b>	<b>Organization</b>	<b>Phone</b>
Brian K. Murphy, CSP	CSSA	(210) 698-5208
Chris Beal	Portage Environmental	(210) 698-5208
BrianVanderglas*	Parsons	(512) 719-6059
Gary Cobb	Parsons	(512) 719-6011

\*Minutes prepared by Brian Vanderglas, Parsons.

These meeting minutes are organized in the order discussed.

**Current Status of Scope of Work for TO 0058**

The meeting was opened with a discussion of the current status of the tasks:

Under work breakdown schedule (WBS) 01000, the period of performance for the project expires on September 30, 2004, or approximately 2.5 more months. An additional 3 monthly status reports will be prepared through September 30 2004. With three reports planned for submittal in August 2004, Camp Stanley indicated a desire to extend the period of performance through the end of the year (December 31, 2004) to allow ample time to provide technical review of the submitted draft documents. Parsons is currently planning to submit a request for a CLIN modification (mod #04) to balance the labor and other direct costs CLINs, so will include an extension request as part of the modification request.

Under WBS 02000, the subject meeting was the eighth of 10 included in the original scope of work. Two technical Interchange/Progress Meetings (TIMs) remain in the scope of work, with the next TIM (TIM#9) tentatively scheduled for late August or early September 2004. Camp Stanley indicated that they no longer need the two Karst support meetings included in the scope of work with George Veni, so Parsons will request that funds for those meetings be rescoped to additional data collection and reporting in the modification 04 request. Also, one fact sheet remains. The topic of the final TO 0058 fact sheet will be progress of cleanup at AOC-65. Camp Stanley requested that the preparation of the final fact sheet be postponed until at least after the draft reports have all been submitted and reviewed by Camp Stanley.

WBS 03000 is almost complete. The only items outstanding were completing the support for the Permit by Rule (PRB) for Building 90 and receipt and verification of subsurface O&M data collected in late July 2004.

Under WBS 04000, SVE and O&M testing were completed, and the results are currently being evaluated and incorporated into report submittals. Parsons indicated that all recharge data required for the report had been collected, but would still collect an additional round of samples if a significant rainfall event (greater than 2 inches in one day) occurs between the meeting date and submittal of the draft report. All of the data from the final O&M monitoring event have not yet been received and reviewed, but no other O&M activities are planned. Preparation of the O&M Assessment Report has been started but is less than 25 percent complete. It is premature to conduct the tracer test due to lingering questions regarding migration pathways around Building 90, so Parsons will request that the tracer test be descope as part of the CLIN Modification to redirect the funds toward additional data collection and reporting.

Two of the key deliverables under WBS 05000 were completed, however the content and preparation of the draft interim SVE Test Report and the Technology Evaluation Report (which is supposed to incorporate the recharge study results) are the primary focus of TIM #8.

The remaining budget was presented. Approximately \$95,000 remained in the TO budget to complete the remaining activities.

#### **Review of Table of Contents for Remaining Deliverables**

The draft interim SVE Treatability Test Report has already been prepared for internal Parsons technical review. The contents will include a section on trouble-shooting evaluation that was performed due to poor removal actions and low measured flow rates of the system. Some of the key recommendations were also discussed including possible placement of deeper extraction wells closer to the Building 90 loading dock area and re-plumbing of some VEWs and installation of new VEWs on the west side of the Building 90 parking area near the drainage ditch and weather station.

The O&M Assessment Report will be patterned after the O&M Assessment Report finalized for Camp Stanley on the SWMU B-3 SVE system in April 2003.

The Technology Evaluation Report will compile all data collected under TO 0058 from the O&M activities, the interim SVE pilot test, and the groundwater recharge study and include discussions and interpretations of data collected from these activities. Following the sections of the report that present this data, Parsons will prepare a section of the report that evaluates source-zone treatment technologies and dissolved plume (in groundwater) technologies that might be applicable to the conditions present around AOC-65 given the known geologic, hydrogeologic, and apparent distribution of contaminant mass. The Findings section of the report will provide an assessment on the effectiveness of SVE, effects of recharge on contaminant migration, and will identify some technologies that warrant further evaluation. Recommendations for additional data needs will be presented with a slant toward determining which option(s) might prove to be most effective for the situation encountered at AOC-65.

### **Applicability of Results to Future CSSA Restoration Program**

Besides the recommendations mentioned in the section above, other report recommendations include:

- 1) Continue SVE removal actions from Building 90 subslab.
- 2) Focus on more and deeper SVE wells closer to Building 90.
- 3) Revise O&M procedures and types of data collected in AOC-65 O&M Plan.
- 4) Tweak the subslab extraction wells to optimize removal per data findings.
- 5) Assess results from pending SWMU B-3 push pull study to assess appropriateness at AOC-65.

### **ACTION ITEMS**

- Parsons will submit to AFCEE the CLIN Modification (No. 4) which will request some descoping of Karst Meetings and Tracer Test and extend the period of performance to December 31, 2004.
- Parsons will plan and schedule a TIM#9 for September to discuss Camp Stanley comments on submitted documents. This meeting will try to be coordinated with the kickoff meeting for pending task order, if awarded on time, which will include installation of additional extraction wells at AOC-65 and at SWMU B-3 and will extend O&M activities on both systems.