

ENGINEERING FORUM TELECONFERENCE MINUTES

December 1, 2004

TOPICS IN THIS MONTH'S MINUTES:

SPRING 2005 NARPM MEETING PLANNING

PROJECT UPDATES

- *Expertise Survey*
- *Selecting Treatment Process Design Data to Collect at Hazardous Waste Sites*
- *Update on In-Situ Soil Treatment Issue Paper*
- *Sediment Capping Issue Paper*

FALL 2005 TSP MEETING PLANNING

Spring 2005 NARPM Meeting Planning

Sharon Hayes (Region 1) thanked those EF members who prepared abstracts for NARPM meeting sessions. She sent 6 abstracts to NARPM before the submission deadline. The proposed sediments topic was not submitted because activities relating to the session would not be ready in time for the meeting. The vapor intrusion and stormwater management abstracts were designated as possible training sessions. NARPM provides contractor support for designing and implementing training sessions. Dom Digiulio (GWERD-Ada) has conducted vapor intrusion training in some Regions, but his course is not geared toward engineering design considerations or reuse. If this training topic is selected, the EF could work with Dom to expand on his existing training. Dave Reisman (NRMRL-Cinc.) noted that the vapor intrusion topic could be the focus of the Fall 2005 TSP meeting if it is not selected by NARPM. Vapor intrusion training could focus on case studies, but permission would be needed to use site-specific information. Dave said that although his lab has no vapor intrusion sites that could be used for case studies, ORD has had vapor intrusion issues at several brownfield sites in the past year. There is little guidance on this topic, so NRMRL might be able to provide funds to develop the training. Ron Mosley (NRMRL-RTP) also has conducted a seminar on vapor intrusion, specifically targeting radon. Information from his presentation could be folded into the EF training.

Sharon suggested expanding the SOW for the vapor intrusion issue paper to include a training component. The training could be unveiled at the fall meeting. Dave suggested contacting Ron and Dom as soon as possible. In the meantime, Dave will issue a SOW for the vapor intrusion paper. The EF will revisit the training once NARPM selects training topics for the spring meeting. Bernie Schorle (Region 5) suggested sending an email to RPMs and RCRA colleagues asking for existing information on engineering design considerations for vapor intrusion barriers. Sharon will forward Ray Cody's abstract to Dave so he can incorporate it into the SOW.

Dave also has funds to create an EF poster that can be displayed at conferences and meetings. Dave suggested designing one small section that discussed the TSP in general, and another section that focused solely on the EF. This would be a good EF advertising piece. EF members thought the poster was a good idea, and asked Dave to move forward with an SOW to create it. The EF co-chairs will be asked to provide and finalize the text and graphics, and Dave will have the materials printed. The EF resource list and expertise survey could be made available as handouts in front of the display. If Dave receives the text and graphics soon, the display could be finished in time for the NARPM meeting.

Project Updates

Expertise Survey

Bill Rothenmeyer (Region 8) sent an email to Regional representatives on November 2 asking them to prepare conclusions based on the responses from their Regions. Hilary Thornton's summary can be used as a template. Those who did not respond should do so this week. Bill also asked for a brief description of who was surveyed (RPMs, Federal Facilities, etc.) and when. Responders should include any areas of expertise that are identified in the survey results. Results are still needed from Sharon Hayes, Mark Granger (Region 2), Julie Santiago (Region 4), Gene Keepper (Region 6), and Harry Ball (Region 9).

Selecting Treatment Process Design Data to Collect at Hazardous Waste Sites

Bernie Schorle (Region 5) has received several comments on Ed Mead's (USACE) Remedial Process Characterization Screening Data Collection Guidance. He is in the process of reviewing the comments and will forward them to Ed. Julie Santiago noted that the text in the tables was difficult to read because of its size. Ed said he is transferring the tables to MS Word, which should make them easier to read. When the matrices are finished, Ed will forward them to Julie so she can pass them along to NERL in Athens, GA, for review.

Update on In-Situ Soil Treatment Issue Paper

Dave Reisman has received 4 sets of comments on the in-situ soil treatment issue paper and will send them to the contractor on December 3. He hopes to get approval on the final formatting of the document next week. Dave said that a small amount of information on thermal treatment will be included in the paper. He will send formal reviewer forms to those who commented on the paper to reviewers for signature. The forms should be signed and returned to Dave.

Sediment Capping Issue Paper

Dave reported that the sediment capping issue paper is on hold because many of the EPA experts have left the Agency or have been reassigned, and several of the pertinent studies that are underway have been delayed.

Fall 2005 TSP Meeting Planning

The EF has the lead for planning the Fall 2005 TSP meeting. Engineering design considerations for vapor intrusion barriers is a potential topic, as are optimization/cost savings and reuse/redevelopment issues (e.g., capping issues, how clean is clean?). Sharon mentioned that the EF may want to collaborate with ITRC on the vapor intrusion topic. It appears as though the NAS study on long-term performance of caps, walls, and liners will not be far enough along to base the meeting on that topic. Members of the fall meeting planning subcommittee are Sharon Hayes, Bernie Schorle, Gene Keepper, Bill Rothenmeyer, and Steve Kinser (Region 7). Sharon will set up a subcommittee conference call for the morning of December 16.

ATTENDEES

Sharon Hayes, Region 1
Frank Vavra, Region 3
Jon Bornholm, Region 4
Julie Santiago, Region 4
Bernie Schorle, Region 5
Gene Keepper, Region 6
Carlos Sanchez, Region 6
Steve Kinser, Region 7
Bill Rothenmeyer, Region 8

Brian Caruso, Region 8 HSTL
Harry Ball, Region 9
Neil Thompson, Region 10
Kelly Madalinski, OSRTI
Dave Reisman, NRMRL-Cinc.
Gareth Pearson, ESD-Las Vegas
Ed Mead, USACE
Keith Arnold, EMS, Inc.

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