
**East Central Phoenix Water Quality Assurance Revolving Fund (WQARF) Sites
Community Advisory Board (CAB) Meeting**

Tuesday, June 17, 2008
6:00 p.m. to 7:00 p.m.
The Village-Camelback, Conference Room
4444 E. Camelback Rd.
Phoenix, AZ 85018

FINAL MINUTES

Ref: OU #09-005

CAB members present: Richard Siegel, Jolene Morris, Laura M. Ruffalo, Barbara St. Mary, and Randy Dahl

ADEQ Staff in attendance: Michael Beasley, Project Manager; and Delfina Olivarez, Community Involvement Coordinator

Members of the public present: John Kinkel, Tom Summers

The following matters were discussed, considered, and decided upon at the meeting:

1. Welcome/Introductions

Ms. Delfina Olivarez opened the meeting with greetings and introductions with the meeting starting at 6:30 p.m.

2. Accept and /or changes to the minutes of the March 12, 2008 CAB meeting

Mr. Richard Siegel asked the CAB members if they had any changes or comments to the minutes of March 12, 2008. Laura Ruffalo moved to accept the minutes as written. Jolene Morris seconded the motion. Mr. Siegel asked for a vote, and the motion passed.

3. Discussion on remediation basics

Mr. Michael Beasley stated that his presentation will be focused on remediation basics. Mr. Beasley spoke of site technologies and techniques and broke up his presentation into five different areas:

Presentation Limitations

- In order to be timely, Mr. Beasley gave an overview of characterization and remediation.
- Only the most common technologies used for remediation were talked about.

Media

- Land (Soils & Subsurface Soils)
- Water (Surface Water & Groundwater)
- Air

Site Assessments

- Site assessments are designed so those in the area are aware of the planned work. Safety and cleanliness for the community and the environment are first priority.
- During a site visit, anything is possible to find on a site.
- Site assessments are done to determine the extent of contamination in the soil and groundwater.
- Part of the assesement is to drill and install monitoring well(s) in soil and groundwater. When drilling into the ground and groundwater tables, precautions are taken in order to not disturb or contaminate the soil, water and infrastructure. Samples of the soil and groundwater are taken using cleaned equipment. Personnel involved wear protective gloves and outerwear. Samples are immediately sealed and put in an iced cooler in order to prevent contamination and/or changes to the sample before it reaches the lab for analysis. Installed well(s) may then be sampled periodically for as long as needed.
- Groundwater wells may be installed virtually anywhere -- on private property if access is granted or even in a city street.
- Common site contaminants can be industrial solvents, petroleum products, metals, pesticides, bacteria and radiological materials.

General Technologies

- After a site is characterized, pilot testing is conducted to determine the best remediation technique to remediate a site. Few sites have only one media affected; therefore, combinations of technologies are often needed.
- Examples of land remediation are excavation, capping incineration, sol vapor extraction and soil washing.
- Land and water remediation examples are phytoremediation, bio-remediation, and monitored natural attenuation (MNA).
- Air and water remediation techniques include air sparging, activated carbon, and thermal and catalytic oxidation.
- Two very typical remediation techniques used are soil vapor extraction and groundwater pump and treat.

Success & Challenges

- Success depends on collaborating with neighbors and other entities for access.
- Lack of access and many other unknowns pose challenges.

Mr. Beasley's presentation and questions ended at approximately 8:00 p.m. Co-chair Siegel asked the CAB if everyone would like to transfer agenda item numbers 4-7 to the next CAB meeting and skip to agenda item number 8. The CAB all said yes to the proposition.

8. Future meeting plans/agenda discussion

The CAB agreed to put agenda item numbers 4-7 on the next CAB meeting agenda. The CAB tentatively scheduled the next CAB meeting for September 17, 2008, to be held at The Village-Camelback, 4444 E. Camelback Road, Phoenix, AZ 85007.

9. Adjournment

Mr. Siegel asked for a vote to adjourn the meeting. Ms. Barbara St. Mary moved to adjourn, and Ms. Laura Ruffalo seconded the motion. Mr. Siegel asked for a vote, and the meeting adjourned.