

MEETING MINUTES
WATER QUALITY ASSURANCE REVOLVING FUND ADVISORY BOARD
ADEQ, 1110 West Washington, Phoenix Arizona, Room 250
June 27, 2008

Board Members in attendance:

Nicholas Wallwork	Richard Bark
Dave Christiana	Karen Gaylord
Karen O'Regan	Dan Field
Amanda E. Stone	Nancy Petersen
Jim Vieregg	Jennifer Botsford
Tamara Huddleston	

Board Members Absent:

Alan Croft	Rick Lavis
Dr. Bridget Bero	Kelly Barr
Lee Stein	
Steve Besich	

The meeting was called to order at 9:15 a.m.

I. Welcome/Opening Comments/Administrative Issues –

- a. **Meeting Schedule** - Chairman Wallwork stated the meeting schedule is not set, however the next meetings will be the last Friday in September and October.
- b. **Second Five Year WQARF Advisory Board Evaluation Report Due 2008-2009** – Chairman Wallwork stated this report will be important next year given budget concerns. Mr. Vieregg suggested talking with the members of the legislature about WQARF. He recommended working on the report earlier than later, and those interested should contact Chairman Wallwork.
- c. **Other**

II. Approval of April 4, 2008 Minutes - Ms. Karen O'Regan moved to accept the April 4, 2008 meeting minutes as well as the corrections made to the January 18, 2008 minutes. The minutes were seconded by Ms. Karen Gaylord and passed.

III. Year End Reports and Forecast for FY 2009

- A. **ADEQ** – Ms. Samantha Roberts presented her report to the Board as handed out in their packets. Ms. Roberts commented that objectives were met at 17 sites this past year. Accomplishments for the year include ERAs initiated and completed, two Proposed Remedial Actions Plans drafted, a no further action granted, two Soil Vapor Extraction systems removed, construction and design performed, and a Prospective Purchaser Agreement negotiated. The program remediated over 2.7 billion gallons of water.

Ms. Ana Vargas, Manager of the Legal Support Unit, reviewed the activities of the unit. Ms. Vargas discussed the issuance of 287.03 notices for several sites. These notices are issued to known interested parties before the RI is initiated at a site. Ms. Vargas indicated that in the case of the Broadway Pantano site, ADEQ issued a second set of 287.03 notices asking parties to step forward to conduct the FS. Ms. Huddleston reported that the Attorney General's (AG's) Office provides support to the program and the legal unit, and her year end report mirrors what has been reported for the Legal Support Unit. She also reported that the AG's Office will be returning some of the money allotted. Ms. Nancy Petersen inquired whether the money recovered from the PRP searched is returned to the site or the WQARF fund. Ms. Huddleston stated it depends on how ADEQ sets up the conditions.

Ms. Roberts summarized the numerous accomplishments in community involvement. Ms. Roberts listed the 2009 objectives including final RI/FS and associated PRP interviews, signing a record of decision, implementation of an ERA and decommissioning of the SVE system. The Preliminary Investigation (PI) Program results were presented to the Board including the removal of four sites from the list. Ms. Roberts highlighted three sites under PI: 7th Street and Missouri, Main Street and Kofa, and Nogales Grand Avenue.

Mr. Viereggs inquired about a WQARF non-hazardous substance release action and the process. Ms. Roberts commented that the Water Quality Division used WQARF authority and offered to gather more information for the next meeting. Ms. O'Regan requested a list of the PI sites the department is currently working on.

- B. ADWR** – Mr. Christiana presented the information handed out to Board members in their packets. Members of his staff were introduced to Board members. Mr. Christiana reported that approximately 4000 NOIs were reviewed, numerous well inventories conducted and the database live links were restored by DNZ.

Next year objectives include finalizing inventories, reviewing NOIs and continued coordination for data management with ADEQ. Mr. Christiana summarized plume migration characteristics and analysis and presented some pictures.

Mr. Viereggs inquired about the work done in Payson. Mr. Christiana responded that well record information was done and the inventory data had a delay in completion.

- C. Arizona Attorney General's Office** – Covered above

- D. **ADHS-** Ms. Jennifer Botsford presented her information handed out to Board members in their packets. Ms. Botsford summarized the objectives, the ISA agreement, the accomplishments, other projects the group has worked on not related to the ISA agreement and the budget. This past year there were no assignments for the group to work on.

IV. WQARF Site Updates – Ms. Julie Riemenschneider introduced Mr. Mike Beasley and Mr. Scott Goodwin.

- A. **Tyson Wash** – Mr. Beasley gave a historical background of the site. Recent results have shown the pump and treat system has worked very well and concentrations have been significantly reduced. The treatment process and remedial objectives were discussed further.
Currently the PRAP is out for public comment and the plan was discussed with Board members. Maps of the site were presented and described to Board members. Mr. Vieregg asked for current costs to operate the unit. Mr. Beasley responded that the site’s current costs are about \$80,000 for operation and maintenance per year.
- B. **Main Street and Kofa (Ted’s Truck Stop)** – Mr. Beasley presented a history of the site. There were underground and aboveground tanks, and the respective plumes have commingled. The Tanks Program and the WQARF program are jointly working on the site because of dual jurisdictions. Several maps were shown of the property with contaminant concentrations over time. So far 1.3 million dollars has been spent on the site. Current activities for the site include SVE well installations, running various pilot tests, and remediation equipment installation activities in order to begin the clean up process which was started December 2007. Since January, 850,000 gallons of water have been processed and 41 pounds (lbs) of TPH, 20 lbs of MTBE and 0.9 lbs of benzene have been removed. To date 68 gallons of free product has been taken off the top of the groundwater. The soil vapor extraction system has removed 49,850 lbs of TPH, 1062 lbs of benzene and 2844 lbs of MTBE.
- C. **Cooper and Commerce** – Mr. Goodwin presented a historical background and contamination concentrations at the site. No responsible party has been found as of yet. The site was listed in 2004 when a nearby Town of Gilbert public supply well became threatened. Access was obtained at the site with assistance from the Town of Gilbert via a subpoena. Mr. Goodwin showed photos of the site and wells that have been installed. An outline of the current contaminate level was presented, and Mr. Goodwin reported that the northern extent has not been defined. In August 2007 a SVE pilot test and aquifer test were performed, and as of June 2008, the installation of the remediation compound is almost complete. Equipment from three other sites is being used at the Cooper and Commerce. The only brand new component is the compressor.
- D. **Klondyke** – Mr. Goodwin provided historical information about the site to the Board. The site was listed in September 1998. The main concern at Klondyke

is contaminated soil from the mine tailings. A flood event took place in 2006 which qualified as a 100-year flood event and eroded the tailings pile. A map of the location was presented. Gabion mattresses were chosen as the preferred method of erosion protection, and Mr. Goodwin explained how they work. The upper pile work has been completed, and pictures were presented. The next phase will deal with the lower pile. There are residential properties showing concentrations above residential soil remediation standards. ADEQ is currently evaluating the next phase of action for 2009.

- V. E & E Scoring Model Status** – Ms. Roberts informed the Board the model has not been adopted and needs to go through the rule docket. During a previous board meeting Mr. Richard Bark had expressed concerns about the purpose of the score. The Board had decided to conduct a meeting with Dr. Channing Johnson in order to learn more about the model. However, it was determined due to budget constraints a meeting with Dr. Johnson was not possible. It was pointed out that the rulemaking process would provide a forum for those who wanted to comment on the model. Mr. Bark asked for a specific Board meeting to discuss the model before adoption. Chairman Wallwork stated the August 29, 2008 meeting will focus on E & E model discussion.

VI. WQARF Advisory Board Subcommittees

- A. Budget Subcommittee** – Mr. Glen Russell reported there is a four million adjustment to the WQARF fund and summarized some aspects of the bill. Ms. Roberts stated the impacts to the program are significant especially to the sites that have large capital expenditures. Mr. Vieregg commented that dealing with top members of the legislature should be followed up on this fall in order to educate them on the program.

Ms. Petersen asked for a site by site expenditures list at Board meetings. Mr. Bark discussed the state budget.

- B. Legislative Subcommittee** – See above

- C. Five Year WQARF Advisory Board Evaluation Report Subcommittee** – See Section I .b.

VII. Public Comment - None

- VII. Adjournment** – The meeting was adjourned until August 29th to discuss the E & E scoring model and the subcommittees.