



**Final Minutes of the  
Miracle Mile Water Quality Assurance Revolving Fund (WQARF) Site  
Community Advisory Board (CAB) Meeting – 36th Meeting**

June 26, 2013, 6:00 p.m. - 7:30 p.m.  
Ellie Towne Flowing Wells Community Center  
1660 W. Ruthrauff Road  
Tucson, Arizona 85705

CAB Members Present: Gary Abrams, Fred Bass, Alison Jones, David Crockett, Jan Randolph

CAB Members Absent: Robert Brobeck, Henry Madrid, Karen Ramage, George Hembree

ADEQ Staff Present: Gretchen Wagenseller, Project Manager, ADEQ; Marvel Encinas, Administration, ADEQ; Delfina Olivarez, Community Involvement Coordinator, ADEQ

Members of the Public Present: Vicki Monnot (Johnson), Resident; Rob Johnson, Resident; Gary Darling, R. E. Darling Co.

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The meeting began at 6:05 p.m.

**1. Call to Order/Introductions**

Ms. Olivarez welcomed and thanked all for attending and gave update on past Community Involvement Coordinators. Co-Chair Mr. Crockett conducted introductions of the CAB members and public participants.

**2. Approval of Minutes for 3/10/09 CAB Meeting**

Mr. Abrams motioned to approve the minutes from the March 10, 2009, CAB meeting. Ms. Randolph seconded the motion; motion passed.

**3. Nomination of Co-Chairs**

Mr. Bass and Ms. Randolph were nominated. Mr. Abrams moved to accept the nominees. Motion passed. The new Co-Chairs are Ms. Randolph and Mr. Bass.

#### 4. Site Update

Ms. Wagenseller distributed Summary of Findings and Recommendations (from the Final Miracle Mile RI Report) along with Site Maps. Ms. Wagenseller talked about the recent finalization of the Draft Remedial Investigation (RI) Report (Report) that was issued for public comment in 2007, and, in particular, the major differences between the Draft and Final RI Report. The major changes between the two reports discussed are as follows: (1) updating of the Report with data obtained between 2007 and 2011; (2) reduction of the designated contaminants of concern (COCs) in groundwater to trichloroethene (TCE) and chromium and addition of hexavalent chromium as a COC in soil (with the inclusion of the Former Spring Joint Specialist's (SJS's) subsurface hexavalent chromium data); (3) updating of the data gaps list; (4) inclusion of a facilities background section, using Hydrogeologic's (ADEQ's potentially responsible party research consultant) report as the source for this section; and (5) indicating which facility properties are likely sources for the COC contamination.

Ms. Wagenseller referred to the Figure 1 and 2 Maps, and pointed out where the phase I and II investigations and excavation of hexavalent chromium-contaminated soil was conducted prior to selling the property. However, it was not completed. ADEQ performed additional soil contamination characterization in March 2013 and found subsurface hexavalent chromium in deep soil (e.g., 75' below ground surface) above the non-residential soil remediation level of 65 mg/kg.

Ms. Wagenseller referred to the Perched and Regional Aquifer Chromium & TCE Concentration 2011 Maps and showed where they added new groundwater monitoring wells to the site. One of the wells is a perched well located at Friedman Recycling because of the passive soil gas data from 10 yrs ago. Ms. Jones asked if it was sampled yet. Ms. Wagenseller replied it was not, because it was dry at installation, but ADEQ will check again after the summer monsoon season.

Ms. Wagenseller stated next step following finalization of the RI Report is the Feasibility Study (FS) and explained the study. She also stated the budget for the coming year is approximately \$10 million. The highest priority will be given to continued funding of Early Response Action like Flowing Wells Irrigation District (FWID) wellhead treatment system and completion of 14 RI Reports at other sites. At this point it is uncertain how much funding will be available for performing the FS work at the Miracle Mile Site.

Ms. Jones asked where the FWID well head treatment is located. Ms. Wagenseller replied that it is located at FWID well #75. Mr. Crockett added that water from FWID well #70 is also treated with this system. [Note—The FWID wellhead treatment removes trichloroethene.]

Ms. Jones asked about the effects of hexavalent chromium. Ms Wagenseller replied that the granular activated carbon, based on the past year's data, does not appear to remove the chromium.

Ms. Monnot asked if chromium is in our drinking water. Ms. Wagenseller indicated it has been found at a few micrograms per liter, whereas the drinking water standard for chromium is 100 micrograms per liter. Mr. Crockett stated the amount of chromium found is so little, it's non-detectable. Ms. Wagenseller said the next round of samples will be tested with two different methods one using newest detection methods to detect very small amounts.

Ms. Jones asked what is the next step. Ms. Wagenseller replied addressing data gaps (which are part of the FS Work Plan) and the FS itself. Ms. Wagenseller said she will discuss the criteria at the next meeting. Ms. Randolph asked if there was sufficient technology to treat contaminants, Ms. Wagenseller explained yes—definitely at the wellhead and in groundwater, but less so for the contamination in the perched groundwater. In the perched groundwater it is not very feasible to treat that contamination.

(DVDs of the RI Report were distributed to the CAB members who requested them.)

**Please see attachments**

#### **5. Update Charter and CAB Business/Outreach**

Ms. Olivarez asked the CAB to review the Charter, decide if they want any changes to it and these changes and updates would be discussed and voted on at next CAB meeting. The CAB decided to have only their names on the CAB contact list that is provided to the public with Ms. Olivarez and Ms. Wagenseller's names and contact information as well.

#### **6. Call to the Public\***

No comments.

#### **7. Next Meeting Date/Agenda Discussion**

The CAB decided to hold the next meeting on Wednesday, September 25, 2013 at the Ellie Towne Flowing Wells Community Center, 1660 W. Ruthrauff Road, Tucson, AZ. from 6:00 p.m. to 7:30 p.m.

#### **8. Adjournment**

The meeting adjourned at 7:30 p.m.

*This meeting was recorded on a digital device as a record of the proceedings. To listen to a recording, or for additional documents mentioned in these minutes, contact ADEQ, Delfina Olivarez at 602-771-4710.*

**Minutes prepared by: Delfina Olivarez 6/26/13  
RPU:13-310**