

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

**Wednesday, November 13, 2013**

**5:30 p.m. to 8:30 p.m.**

**The Bridge – Aldersgate United Methodist Church  
3850 N. 30<sup>th</sup> Street, Phoenix, AZ 85016**

**DRAFT MINUTES**

CAB members present: Laura M. Ruffalo, Randy Dahl and Richard Siegel

ADEQ Staff in attendance: Charise McNamara, Project Manager, Danielle Taber, Project Manager, and Wendy Flood, Community Involvement Coordinator (CIC)

Members of the public present: Brian Waggle, Hargis + Associates, Inc., Kathy Hunter, Hargis + Associates, Inc., Beverly Brooks, James Mathien, Ed Roads, Karen Kay, Todd Nelson, Bobbie Rogers, Curtis Fallgren, Jacalyn Askin, Jeff Trembly, Ed Yablonsky and Michelle Oakley

**Call to Order and Welcome and Introductions** – Meeting began at 5:35 p.m. CIC called meeting to order. Introductions were made by CAB Members and audience.

**Accept and /or changes to the minutes of the July 17, 2013 CAB meeting:** Ms. Ruffalo moved to accept the minutes with edits emailed to the CIC and the inclusion of start and finish times and identifying speakers by name in future minutes; Mr. Dahl seconded the motion. All were in favor, motion passed.

**East Central Phoenix (ECP) WQARF Site: Charise McNamara, ADEQ Project Manager**

Ms. McNamara gave a quarterly site update, discussed future activities and events for ECP and gave a review of the WQARF process.

**See attached slide presentation**

Ms. Ruffalo asked if the Maroney's dry cleaners were still in operation, if the facility now had state-of-the-art equipment and if the company was cooperative with ADEQ and its efforts. Ms. McNamara and Ms. Taber stated that the facility was still operational, the equipment wasn't state-of-the-art, but that the facility passed an ADEQ inspection in 2012 and that the company was very cooperative.

Ms. Rogers asked how much of an increase was there in the groundwater PCE at the Viking site. Ms. McNamara stated that ADEQ only had preliminary data at this time and they still need to do a verification of the data. Ms. Rogers asked if it were possible to get a range of an increase. Ms. McNamara stated that she didn't have the data but that she didn't think it was a significant increase. Ms. Rogers asked where she could see the information and Ms. McNamara stated that it would be posted on the ADEQ website and concrete (final) results will be discussed at the next

CAB meeting. Ms. Rogers asked about the increase. Ms. McNamara responded that ADEQ was currently in the investigation process to determine the reason for the increase. Mr. Dahl indicated that one of the reasons might be the location of test wells, plume movement, and variations in concentrations within the plume. Mr. Dahl also stated that the plume wasn't getting larger just moving and that the ADEQ can say that no additional contamination occurred. Ms. Flood indicated that there would be verified, quantitative data presented at the next CAB meeting.

Ms. Ruffalo asked where new wells were going to be placed at the 38<sup>th</sup> Street and Indian School site. Ms. McNamara indicated ADEQ would be collecting groundwater samples at the Gaslight Square retail center. Two wells will be installed at each location. Ms. Ruffalo asked if it was behind the center and Ms. McNamara stated it would be along Indian School Road inside the center.

Ms. Rogers asked about the location of another drill rig east of 40<sup>th</sup>. Ms. McNamara and Ms. Taber responded that work conducted in that area is related to the 56<sup>th</sup> Street and Earll Drive site; a separate WQARF site with its own CAB and CAB meetings. Ms. Flood stated that she would provide Ms. Rogers with information about that site later in the evening.

Mr. Roads asked about a large vacuum truck in the 48<sup>th</sup> and Indian School area three weeks ago and when approached didn't give out many details. He asked if it was part of the sampling process. Ms. McNamara indicated that they were doing what was called "air-knifing" or "potholing" to locate utilities and other underground items for the potential installation of an SVE unit at the site.

Mr. Roads asked where the 32<sup>nd</sup> Street and 48<sup>th</sup> Street sites were in the WQARF process at this time, it would be helpful to have it all on one sheet. Ms. McNamara indicated that those sites are currently in the Early Response Action (ERA) process and would make a note to include more information for the next presentation. Ms. Flood stated that this evening's CAB meeting was primarily to address CAB membership issues and there was a lot of detailed data left for that reason. She also stated that ADEQ appreciates and welcomes hearing about what the community is interested in and will include more detailed information at the next CAB meeting.

### **Vapor Intrusion – Indoor Air Screening: Danielle Taber, ADEQ Project Manager**

Ms. Taber gave an update on Vapor Intrusion (VI) testing that has taken place to date and upcoming items.

**See attached slide presentation**

Ms. Ruffalo commented that the August Indoor Air Screening open house was poorly timed because of summer vacations. Ms. Taber acknowledged that people may have been on vacation at that time; however Ms. Taber noted that many residents were home for ADEQ's door-to-door meetings. Ms. Flood added that the open house was scheduled for August based on the indoor air sampling schedule. Ms. Taber also noted that ADEQ is open to any feedback or ideas from the CAB or community to increase participation in such meetings and/or open houses.

Mr. Roads commented that he knows of members of the community that missed the August contact and are interested in participating in the February round of indoor air sampling. Mr. Roads asked how best to coordinate. Ms. Taber and Ms. Flood indicated that they would discuss this with Mr. Roads later in the evening.

Ms. Ruffalo wanted to confirm that the number of homes sampled in the August event was 100. Ms. Taber confirmed that ADEQ sampled 100 homes during the August event and that they counted Arcadia High School as 1 even though they took multiple samples.

Ms. Rogers asked about statistics of incidents of cancer in that area. Ms. Taber responded that ADEQ does not have that data but that they are working and cooperating with the Department of Health Services and they would be the ones who could answer that type of question. Mr. Taber continued to say that ADEQ had recently given them the data from the August sampling for their review and use in their own assessment. Ms. Taber continued that she is not aware of any cases for this site. Ms. Flood then mentioned that once the Department of Health Services reviews all the data they could proceed with a Risk Assessment. Ms. Flood also stated that more detailed information about this issue could be an agenda topic at the next meeting if time permitted.

Ms. Brooks asked if any of the sampling was done at 31<sup>st</sup> Street (in the area of her residence). It was determined that Ms. Brooks' residence is located north of Indian School Road. Ms. Taber stated that this area was not sampled because it is located outside of the soil vapor plume area. Ms. Rogers asked about the depth of the groundwater. Ms. Taber said that at 32<sup>nd</sup> Street and Indian School the groundwater is 55 feet below ground level. Ms. McNamara stated that at 48<sup>th</sup> Street and Indian School groundwater is 33 feet below ground level.

Mr. Roads asked if the circles on the soil vapor figure were the same as the soil whisksers seen at the site, and whether those were for soil or were put in place for the Indoor Air Assessment. Ms. Taber stated that ADEQ used those whisksers for soil vapor sampling locations. Soil vapor data were gathered first so ADEQ would have a reason to request entry to home to gather the indoor data (i.e. whether a home was located above or near an area where soil vapor concentrations exceeded the screening level). Mr. Dahl suggested that ADEQ present the indoor air data as a mean, standard deviation, etc. for the entire dataset, to avoid releasing any individual information considered confidential.

Ms. Rogers asked if soil and air testing by the ADEQ determined the area that would be Indoor Air tested. Ms. Taber responded that it was collection of vapor samples where the PCE present in gas form in the soil that determined the locations for the necessity of testing

Ms. Rogers asked why individual results could not be shared because it affects all residents in that area. Ms. Taber responded that there was actual case law that protects personal information, such as their name and address therefore, ADEQ considers it confidential. ADEQ will give results to those sampled and then they may do what they like with it. Ms. Taber stated that they can give an overview of the data for the site as suggested by Mr. Dahl. Ms. Taber continued that based on the summer sample data they have not seen a vapor intrusion problem yet; additional indoor sampling will be conducted in the winter.

Mr. Roads asked for clarification of the 313 ug/m<sup>3</sup> screening level on the soil vapor data map. Ms. Taber explained that 313 is micrograms per meter cubed. A microgram is a weight in a meter cubed of air. So that screening shows that there are 313 micrograms floating in a meter cubed of air at 5, 10 or 15 feet below the surface. Mr. Roads wanted confirmation that anything above that would be a problem. Ms. Taber responded that it could be a potential problem. Ms. Taber confirmed it was a screening level, not an action level. ADEQ is taking action by asking to sample in someone's home but it doesn't mean there will be a problem in that residence.

Mr. Dahl asked with regard to the EPA standards for soil vapor and its equivalent to 5 parts per billion. Ms. Taber responded that vapor intrusion and indoor air data and studies is an up and

coming field and seem to be changing constantly. Ms. Taber indicated she would do some research to respond. She further stated that OSHA standards are higher than EPA standards and that creates confusion. Ms. Taber indicated she will get an answer as it is a question for ADEQ as well.

Ms. Ruffalo asked if the standard for radon is defined. Ms. Taber stated that it was and that radon compounds are different than vapor intrusion. She continued to say that much of the science for vapor intrusion was taken from radon testing. Ms. Taber continued to discuss information sent to the community including vapor mitigation, etc. in the event vapor intrusion is an issue.

## **CAB BUSINESS**

### Executive Session - New Member Voting

Ms. Ruffalo motioned that the board should excuse itself for an executive session to discuss and vote on potential new board members, Mr. Dahl second the motion and the board went to the executive session at 6:40 p.m. CAB members discussed and voted on applications submitted to join the CAB. Upon continuation of the meeting at 6:55 p.m., the following applicants were announced as new members to the board and received membership packages: Karen Kay, Daniel Swartfiguer, Curtis Fallgren, Jacalyn Askin, Jeffrey Fleetham, Janice Forwood, Nathan Nelson and Ed Roads.

Ms. Flood thanked attendees for their patience and encouraged everyone to continue to come and participate. She also indicated that membership for this CAB is evolving so please feel free to reapply for membership. Mr. Siegel indicated that the board has not made a final decision on the maximum number of members and that some applicants were not in attendance and another vote may be necessary.

Ms. Flood asked new members to see her after the meeting to receive a packet of information with regards to their new role. Ms. Flood continued that the approved Community Involvement Plan (CIP) for the site is available in the repository and that any member that didn't receive one this evening would receive a copy at the next meeting.

### General Business

Ms. Ruffalo asked if the location for the next meeting was the church. Ms. Flood suggested that Arcadia High School could be a possible alternative. Mr. Siegel stated that it was good to change locations, it encourages participation from different parts of the site. Ms. Flood will contact the High School to see if they could accommodate the meetings and any possible charges associated with the use of their facilities.

### **Future Meeting / Agenda Discussion**

The next meeting is scheduled for Wednesday, March 12<sup>th</sup> at 5:30 p.m. at The Bridge – Aldersgate United Methodist Church.

#### *Agenda items for upcoming CAB meetings:*

1. CAB roles and responsibilities presentation and discussion with new members.
2. Charter Update.
3. Possible Additional membership Voting
4. Site Update and Winter Results of Soil Vapor testing.

5. Change of Venue possibilities.

**Adjournment**

Ms. Ruffalo motions to adjourn and Mr. Dahl seconds the motion. Meeting adjourned at 7:02 p.m.