

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

Wednesday, October 16, 2019

5:30 p.m. - 7:30 p.m.

**A.L. Moore-Grimshaw Mortuaries Bethany Chapel
710 West Bethany Home Road
Phoenix, AZ 85013**

MEETING MINUTES

CAB Members Present: Chad Johnson, Pam Perry, Paul Barquinero, Paul Cox, Lynn Morrow, Matthew Newman, Stan Watts, Marshall Peterson, and Tony Sissons

CAB Members Absent: None

ADEQ Staff Present: Tara Thurman, Community Involvement Coordinator; Barbara Boschert, Community Involvement Coordinator; Danielle Darr, Senior Compliance Officer; Scott Green, Voluntary Remediation Project (VRP) Unit Manager; and Hazel Cox, Project Manager

Members of Public Present: Jothi Beljan, Attorney General's Office; Pejman Eshraghi, Haley and Aldrich; Tom Tower; Travis Hackett, Jakosky Properties; Elizabeth Zima, City of Phoenix; Scott Mardian Beatitudes & NCPHA; and Karis Nelson, SRP

1. Call to Order/Introductions:

Mr. Chad Johnson called the meeting to order at approximately 5:30p.m. No introductions conducted.

2. Acceptance and/or Changes to July 2018 and December 2018 Meeting Minutes:

Mr. Marshall Peterson stated that the December minutes showed him both as present and absent; Ms. Tara Thurman stated that she would make the correction. Mr. Tony Sissons moved to accept the two sets of minutes; Mr. Peterson seconded; motion passed.

3. ADEQ presentation of 7th Street and Missouri Avenue Site Feasibility Study (FS) Report, Updates, and Next Steps:

Ms. Hazel Cox reviewed the site location, current WQARF phase, contaminants of concern, and a brief history of the site. Ms. Cox explained the conceptual site model, including an explanation of the groundwater plume and soil gas at the site. Ms. Cox went over the remedial actions that have taken place on-site, including the Soil Vapor Extraction (SVE) Pilot test and the Early Response Action SVE system. Mr. Sissons asked what the vadose zone was; Ms. Cox stated that the vadose zone is the unsaturated soil that is above groundwater.

Ms. Cox explained the Ozone Sparge Pilot Test and the preliminary results that demonstrated dramatic decreases in PCE. She explained the system was down for a month, and concentrations rebounded; however, the system is back on and concentrations are coming back down.

Ms. Cox explained the purpose of an FS and why multiple remedies must be identified. Ms. Cox went over the remedy analysis chart. She explained the three remedies that were chosen for the reference, more aggressive and less aggressive options, as well as the contingencies and costs in place for each. Mr. Sissons asked why the reference remedy was chosen as such; Ms. Cox explained that all remedies were considered, and then a middle ground was chosen to be the reference remedy. Mr. Mathew Newman asked how these costs are estimated; Ms. Cox responded by stating that there are various programs and software that help with that.

Mr. Lynn Morrow asked what the contingencies are; Ms. Cox showed the chart that described what each contingency is. Mr. Morrow also asked what wellhead treatment is; Ms. Cox stated that wellhead treatment refers to water being treated as it is being pulled out of a well.

Mr. Stan Watts asked why the SRP well was included within the contingencies; Ms. Cox stated that the Ozone Sparge Pilot Test is being expanded to address the SRP well before it becomes a larger issue, which is why it is included as a contingency.

Mr. Watts asked if the irrigation water that comes from the SRP well is being pulled from contaminated groundwater; Ms. Cox stated that she believes that was answered at a previous meeting, so she would need to follow up on that question.

Mr. Morrow asked how many aquifers there are; Ms. Cox explained that she sees it all as one aquifer with different layers based on different densities, etc.

Mr. Paul Cox asked if there is a breakdown of how the remediation is being funded. Ms. Cox stated that this site is still in the investigation phase and has not reached the cost-recovery phase of the WQARF process yet; so, currently, the WQARF program is funding the remediation.

Mr. Watts discussed that the ecology section of the FS Report states that since the site is located within an urban area, there is not a significant risk to ecological life; however, he saw a great blue heron standing in the fountain. Ms. Cox stated that if the fountain water is not affecting humans, then wildlife would likely not be affected, either.

4. Discussion of the ADEQ Presentation by the Board:

No further discussion held.

5. Discussion by the Board of ADEQ Site Update Handouts:

Ms. Thurman explained that the Project Managers for these sites did not have enough new information to warrant a presentation, but they wanted to give an update, which resulted in these handouts.

- 16th Street and Camelback – Mr. Newman asked if there is a timeline for completion for these sites; Ms. Thurman stated that she does not have that information. Mr. Morrow wanted to know why Monitoring Well (MW)14 showed concentrations increasing. Ms. Thurman explained that the most recent sample result shows a decrease in concentration; however, concentrations often fluctuate. Ms. Thurman stated that if the CAB had further technical questions regarding the sample results, that the Project Manager's contact information was included on each handout. Mr. Scott Green stated that this site is trying

to accelerate cleanup, and that because the concentrations are low, it is more difficult to pull the remainder. Mr. Paul Barquinero asked if sampling variability explains why there are fluctuations in results; Mr. Green stated that this site has fine grained soils and contaminants tend to hold onto soil particles, which causes them to release small amounts at a time. Mr. Green also stated that the time of the year and other factors could affect sampling results; so, variability could explain the fluctuation. Mr. Barquinero also asked how accurate the measurements are. Mr. Green stated that the labs used to analyze samples are required to follow the Environmental Protection Agency (EPA) methods and protocols, so the results are accurate by industry standards.

- 7th Avenue and Bethany Home Road – No comments on this handout.
- Central and Camelback – Ms. Pam Perry mentioned that digging is occurring around this site near boxed trees, and that she wanted to be sure that the property owner was aware of the WQARF site/treatment system. Ms. Thurman stated that she would make sure that the Project Manager was aware of that. Mr. Morrow asked about the high concentrations shown on Camelback Road (just east of Central Avenue) and why there are still high concentrations in that area, and what is being done to lower those concentrations. Mr. Green stated that there were issues with access on that property; however, they have gained access and are currently working on optimizing the SVE system. Ms. Perry asked if the source property had been sold; Mr. Green stated that he was not sure on the status of the source property.

Mr. Watts stated that it would be beneficial to have the Project Managers present if they were providing site update handouts, as technical questions could not be answered. Ms. Thurman explained that providing the handouts at this meeting was a trial to see how they would be received. She stated that in the future, it would be a point for Project Managers to be present to explain handouts and answer any questions the CAB has.

6. Presentation of Fashion Cleaners Voluntary Remediation Project (VRP) Site Overview:

Mr. Pejman Eshraghi showed the location of the Fashion Cleaners VRP site, as well as the location in comparison to the 7th Street and Missouri Avenue WQARF site. Mr. Eshraghi also explained the geology of the site. He discussed the work conducted in the past year, including drilling, testing, and installation of two monitoring wells. Mr. Eshraghi went over the PCE concentrations in soil-gas and groundwater. Mr. Eshraghi explained that the PCE on-site appears to be vertically oriented and localized to the current area. Mr. Eshraghi also explained the next steps for the site, including the continuation of groundwater monitoring for the next year. He stated that after one year of monitoring, they would revise the conceptual model. Mr. Morrow asked if there was any remediation in place on-site, to which Mr. Eshraghi stated that currently, only monitoring activities are in place.

Mr. Peterson asked if there was evidence that Fashion Cleaners was discharging contaminated waste; Mr. Eshraghi explained that there is no evidence that points to a release or a spill; however, no dry-cleaning machines are leak-proof, and contamination often happens unintentionally.

Mr. Morrow asked if the historical drycleaner to the north has been investigated; Mr. Eshraghi stated that he would look into that.

Mr. Cox asked if there are risk evaluations done regarding this site, and whether Mr. Eshraghi will look into more aggressive remediation activities if risk is high on-site. Mr. Eshraghi stated that if concentrations are high enough, the sooner concentrations could be removed, the better; however, not enough data has been collected on the site regarding the plume and what the next steps should be.

7. Call to the Public:

No public comments received.

8. Future CAB Meeting/Agenda Topics:

Ms. Thurman stated that this CAB is mainly driven by the 7th Street and Missouri Avenue site, so the CAB could follow the reporting schedule for that site (in regard to holding the next CAB meeting); or, the CAB could do a ‘quarterly update’ meeting. The CAB stated that they would like to do a quarterly update meeting with updates from the Project Managers that provided handouts. Ms. Thurman also stated that a new Open Meeting Law training is available, and could be provided at the next meeting.

9. Adjournment:

Ms. Perry moved to adjourn; Mr. Morrow seconded; motion passed. Meeting adjourned at approximately 6:44p.m.

This meeting was recorded on a digital device as a record of the proceedings. To listen to recording, or for additional information about the content of this meeting, contact:

ADEQ: Tara Thurman 602-771-2336