
**7th Avenue and Bethany Home Road Water Quality Assurance Revolving Fund (WQARF)
Site Community Advisory Board (CAB) Meeting**

Wednesday, July 14, 2010
6:00 p.m.
ADEQ Building, Room 3175
1110 W. Washington St., Phoenix, AZ

FINAL MINUTES

CAB Members in Attendance:

Paul Barquinero
Chad Johnson
Peter Zorbas
Frank Mendola
Stan Watts

ADEQ Staff in Attendance:

Scott Goodwin, Project Manager
Felicia Calderon, Community Involvement
Coordinator
Sandy Chismark, Administration

Others in Attendance:

Matt Fesko

Ref: OU #11-004

The following matters were discussed at the meeting:

1. Call to Order/Introductions

Mr. Johnson, CAB Co-chair, facilitated the meeting. CAB members and all meeting attendees introduced themselves. CAB members Mr. Daniel Kingston and Mr. William Sowle advised Ms. Calderon in advance that they would not be able to attend this CAB meeting.

2. Discussion of draft Remedial Investigation (RI) report-Scott Goodwin, Project Manager

Mr. Goodwin initiated his presentation to the CAB with a discussion of the draft RI report and reviewed some site specific details.

See attached presentation

Mr. Goodwin reviewed with Mr. Johnson, the City of Phoenix (COP) well activity. Mr. Goodwin clarified for Mr. Zorbas that currently the contaminated groundwater at the site is not used as drinking water, but all aquifers in the state are classified as drinking water aquifers and are protected by the Aquifer Water Quality Standards (AWQS). The AWQS for PCE is 5 µg/L .

Mr. Goodwin explained to Mr. Zorbas that the Feasibility Study (FS) in the WQARF process is a process used to identify a reference remedy and alternative remedies that appear to be capable of achieving the remedial objectives established and to evaluate them based on comparison criteria to select a remedy. Mr. Goodwin clarified that the order of each WQARF step must be followed as indicated by the WQARF process.

Mr. Goodwin reviewed all the monitoring well sampling data from his presentation with the CAB. Mr. Zorbas requested well depths and water level elevations be reported on Scott's next presentation to the CAB. Mr. Watts requested further discussions on the Risk Assessment, e.g. surface water exposure, the limited COP zoning, and inactivity of the COP well addressed the draft RI report. Mr. Watts' request would later be voted on by the CAB as an official CAB comment to the draft RI report under agenda item #3.

Mr. Goodwin discussed with the CAB the availability of private well data from Arizona Department of Water Resources (ADWR) database. Mr. Mendola elaborated for Mr. Zorbas on particular water rights associated to private well owners. Mr. Goodwin and Mr. Mendola discussed with the CAB the risk standards for water and how they are calculated. Mr. Watts inquired why the surface water risk standard differed from the drinking water risk standard. Mr. Goodwin responded that exposure was the main difference. People ingest drinking water over long periods of time compared to limited exposure, such as bodily contact, for surface water. Mr. Goodwin stated that the next step in the WQARF process is to solicit Remedial Objectives (RO).

3. CAB discussion and preparation of comments to draft RI report-CAB co-chair

The Board began their discussion and preparation of comments to the draft RI report. Ms. Calderon advised the CAB that CAB member, Mr. Sowle had previously submitted his draft RI comments to ADEQ, because he would be unable to attend this meeting. Ms. Calderon stated that the Board could either submit comments to the draft RI as a CAB, with one set of comments, or as individual CAB members.

Mr. Zorbas commented that he appreciated the parliamentary procedures being implemented during CAB discussions and encouraged its usage. Mr. Watts commented that he preferred to submit comments to the draft RI individually due to time constraints. Mr. Zorbas indicated that in fulfillment of the purpose of the CAB that CAB comments should be submitted.

After further discussions CAB comments to the draft RI were as follows:

Mr. Mendola motioned to have ADEQ expand the discussion of the ADWR well survey report in the draft RI, and if warranted, additional information could be gathered during the FS. Mr. Zorbas seconded the motion. The motion then passed unanimously by the CAB.

Mr. Watts motioned to have the information of zoning issues within COP expanded, information of risk pathways expanded, in light of what is known regarding Salt River Project's uses of the water, and lastly information expanded on the use of the COP well, as part of the draft RI report. Mr. Mendola seconded the motion. The motion then passed unanimously by the CAB.

4. Review of draft Community Involvement Plan (CIP)-Felicia Calderon, Community Involvement Coordinator

In the interest of time the CAB elected to table this agenda item to the next CAB meeting on September 1, 2010.

5. Acceptance and/or changes to May 25, 2010 Minutes, CAB co-chair

Mr. Mendola requested that word adjustments be made to two paragraphs under agenda item 6, from motions requested to motioned. Mr. Watts added that under agenda item 8, it should read that Mr. Watts made a motion, instead of Mr. Sowle, with regards to scheduling a meeting to discuss the draft RI report. Mr. Watts motioned to accept the meeting minutes with the requested changes, Mr. Mendola seconded. The motion passed unanimously by the CAB.

6. Draft CAB Charter review and finalization-Felicia Calderon, CIC

Ms. Calderon requested CAB comments on the draft charter that was distributed at the last CAB meeting in May, before voting to finalize it.

The CAB discussed changing the following items on the draft charter:

Under item #2 Membership, open nominations and voting for co-chairs will take place only once a year. Under item #4 CAB Structure, the CAB will meet at least four times a year as funding allows and future meeting dates would be decided at the end of each CAB meeting.

Mr. Mendola motioned to accept the proposed changes and to finalize the draft charter. Mr. Barquinero seconded the motion. The motion passed unanimously by the CAB.

7. Call to the Public- Mr. Fesko stated the importance for the remediation of the groundwater at this site, especially as groundwater resources become more precious for Arizona's future generations.

8. Next meeting date, location and agenda

The CAB elected to hold their next meeting at the ADEQ main office in Phoenix, on Wednesday, September 1st at 6:00 p.m. Proposed agenda items for the next meeting included, solicitation of proposed RO, ADWR well survey report, discussion of comments received from draft RI report, and a CIP review.

9. Adjournment

Mr. Mendola requested motion to adjourn, and Mr. Barquinero seconded. The meeting was adjourned.



7th Avenue and Bethany Home Road Water Quality Assurance Revolving Fund Site

July 14, 2010

- The purpose of the Remedial Investigation (RI) report is to:
 - Establish the nature and extent of the contamination,
 - Identify current and potential impacts to the public health, welfare and the environment,
 - Identify current and reasonable foreseeable uses of land and water,
 - Obtain and evaluate any other information necessary for identification and comparison of alternative remedial actions.

- ADEQ released the Draft RI report on June 16, 2010 for a 45 day public comment period as required by R18-16-406(E).
- The draft RI report was provided to the Community Advisory Board, affected water providers, and the Department of Water Resources. The draft RI report was also made available to the public at the site repository, the Yucca branch of the Phoenix library.
- The public comment period for the draft RI ends on July 30, 2010.



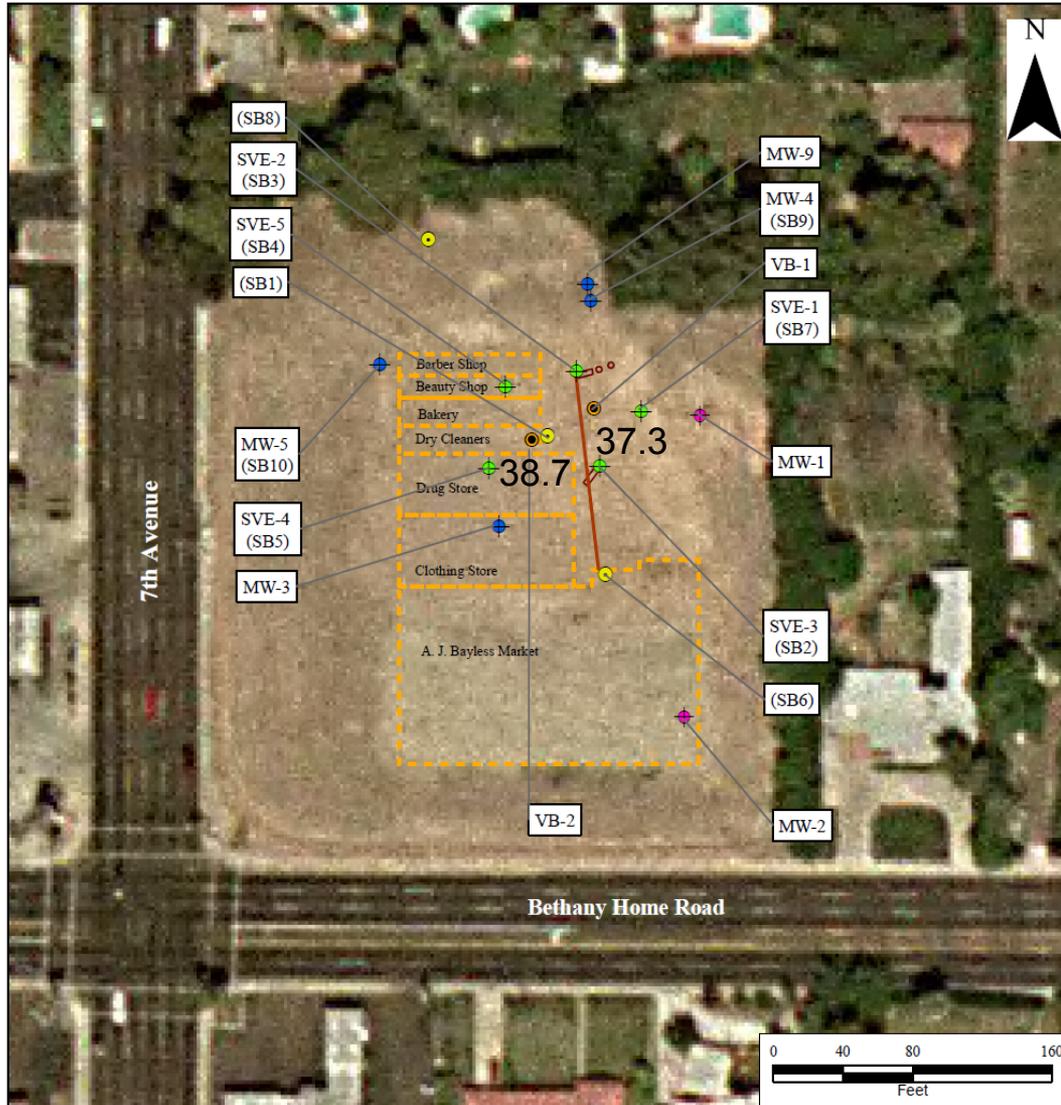
Hydropunch PCE ground water concentrations at 90 feet

October 2004 ($\mu\text{g/L}$)



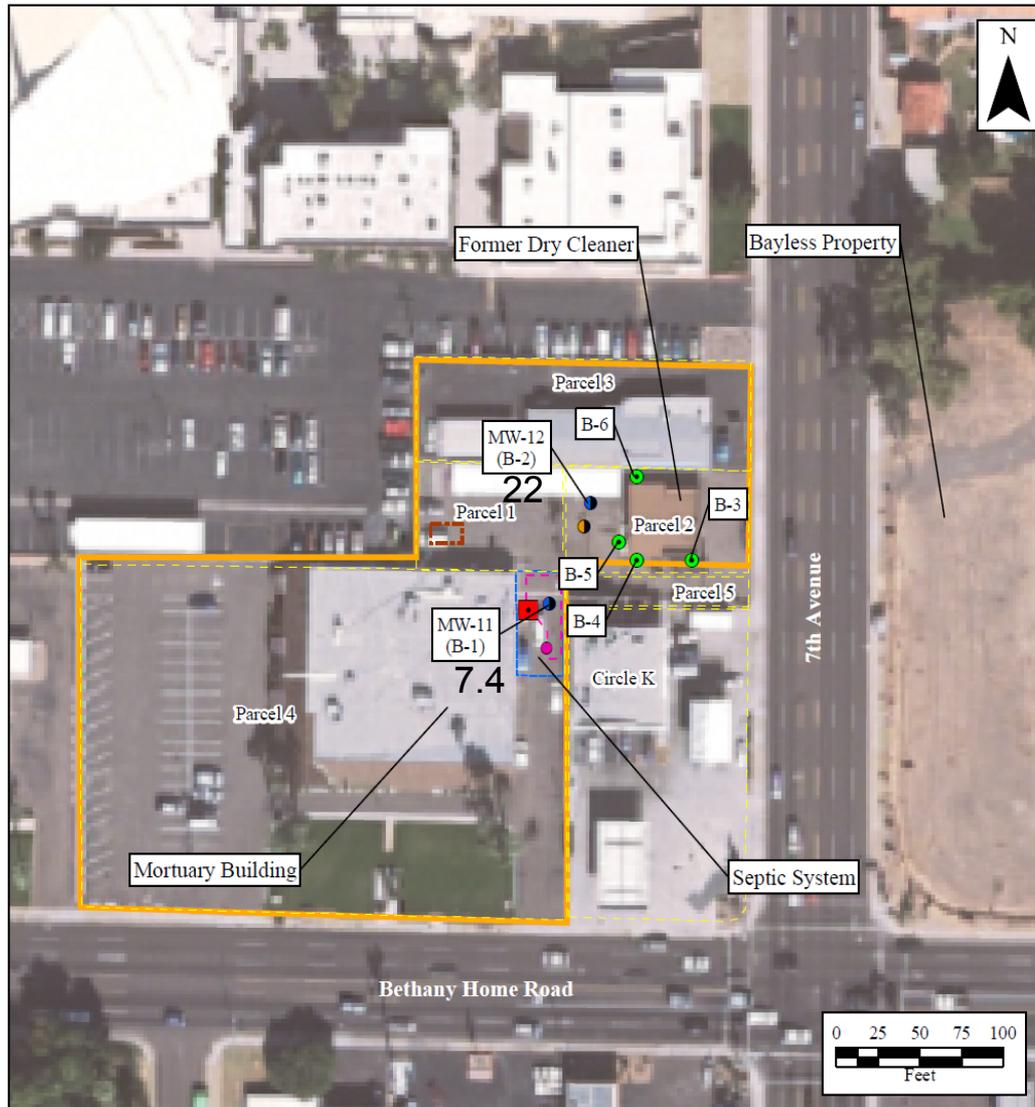


Verification borings PCE soil vapor concentrations at 60 feet October 2006 (mg/m³)



PCE soil vapor concentrations at 65 feet March 2008 (mg/m³)





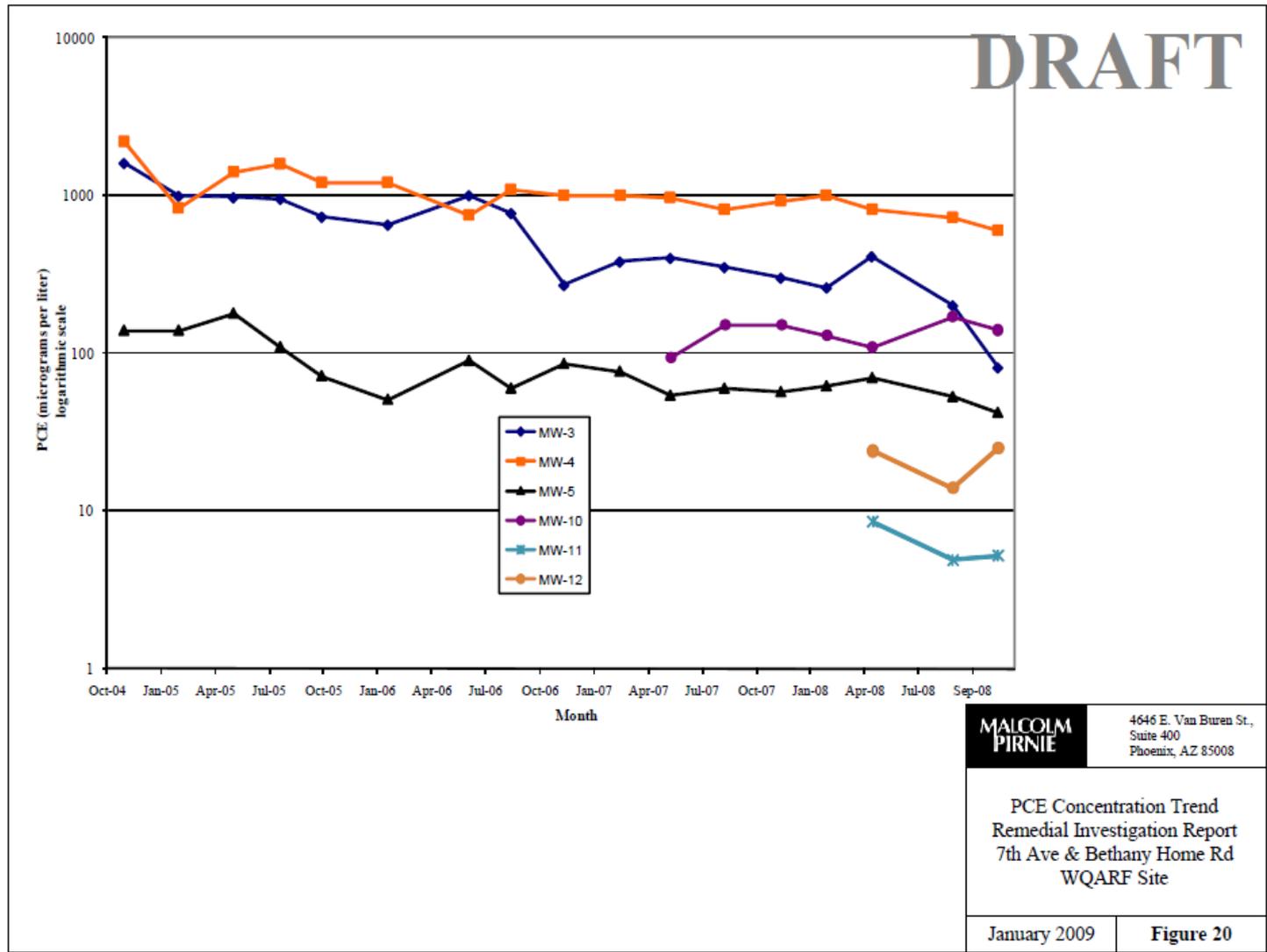
Historic groundwater results MW-4

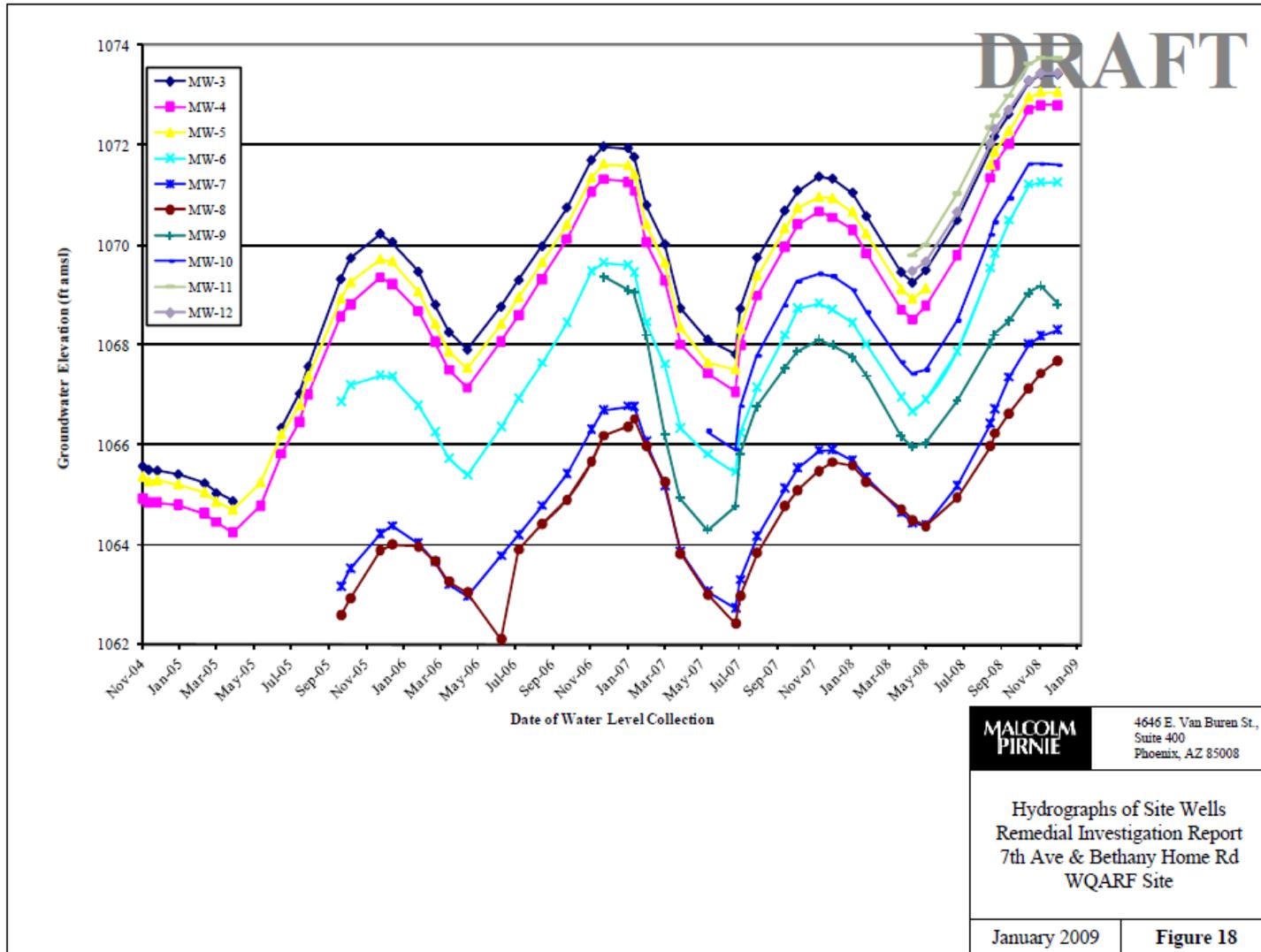
Sample ID	Date Collected	CFC-12 (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TCE (µg/L)	PCE (µg/L)	Chloroform (µg/L)
MW-4	11/11/2008	2.7	< 0.5	2.5	1.6	600	< 0.5
	8/28/2008	2.2	< 0.5	2.5	1.7	720	< 0.5
	4/16/2008	< 0.5	< 0.5	< 0.5	< 0.5	820	< 0.5
	1/31/2008	< 4.0	< 1.0	< 5.0	2.3	1000	< 0.5
	11/16/2007	< 5.0	< 2.0	< 5.0	2.3	920	< 0.5
	8/14/2007	< 5.0	< 2.0	5.5	2.3	810	< 0.5
	5/16/2007	< 5.0	< 2.0	5.2	2.0	970	< 0.5
	2/21/2007	< 5.0	< 2.0	5.5	2.5	1000	< 0.5
	11/20/2006	< 5.0	< 2.0	7	2.2	1000	< 0.5
	8/24/2006	< 5.0	< 2.0	7.3	2.0	1100	< 0.5
	6/15/2006	< 5.0	< 2.0	13	2.2	750	< 0.5
	1/31/2006	< 5.0	< 2.0	14	2.6	1200	< 0.5
	10/13/2005	< 5.0	< 2.0	15	2.2	1200	< 0.5
	8/5/2005	< 5.0	< 2.0	13	2.7	1600	< 0.5
	5/19/2005	< 5.0	< 2.0	19	2.9	1400	< 0.5
	2/17/2005	< 5.0	< 2.0	17	< 2.0	830	< 0.5
11/18/2004	7.1	2.3	25	4.9	2200	< 0.5	
AWQS		NE	5	NE	5	5	NE

Historic groundwater results

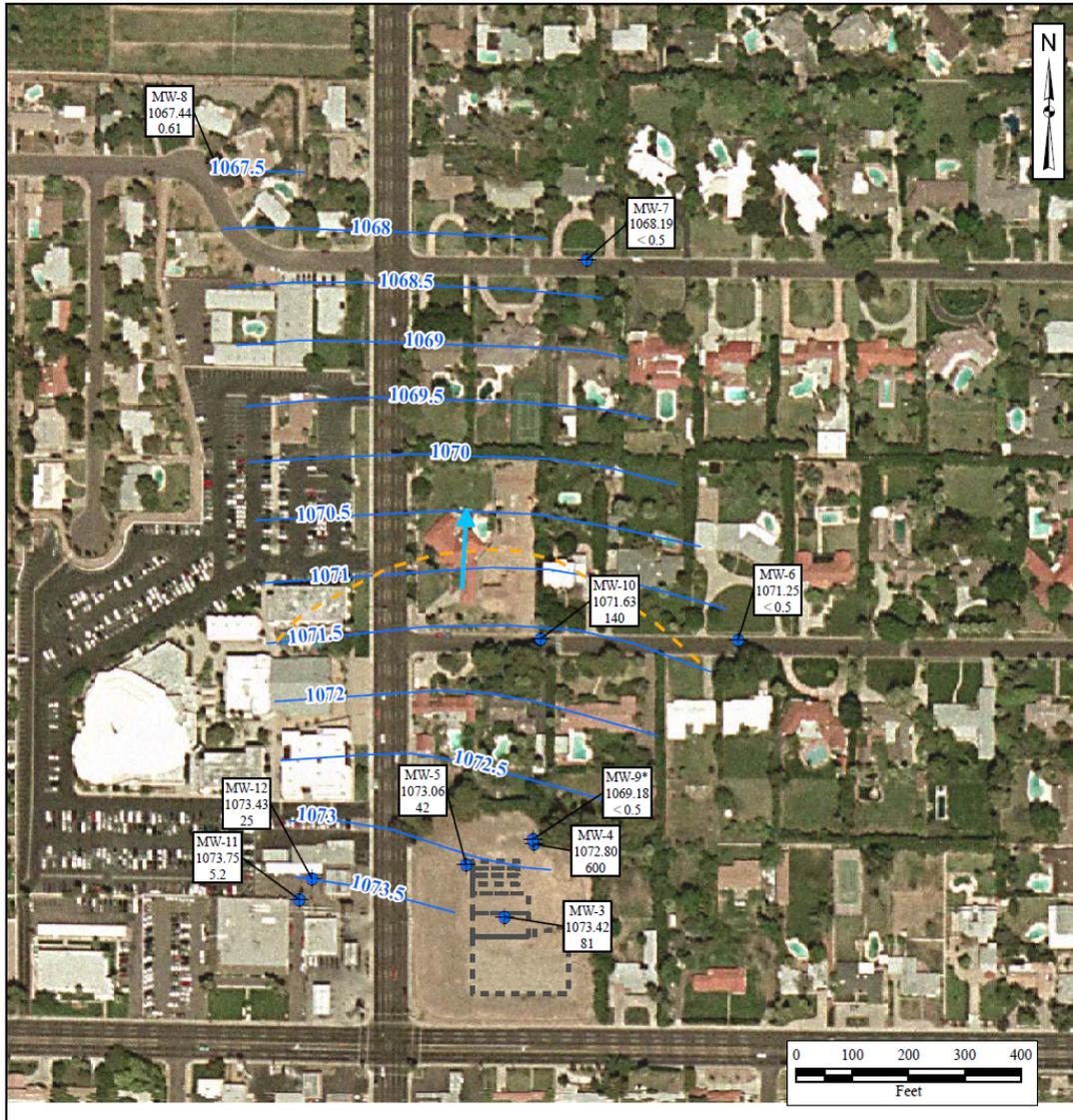
MW-11, MW-12

Sample ID	Date Collected	TCE (µg/L)	PCE (µg/L)	tDCE (µg/L)	VC (µg/L)	cDCE (µg/L)	Chloroform (µg/L)
MW-11	11/11/2008	< 0.5	5.2	< 0.5	< 0.5	< 0.5	3.2
	8/28/2008	< 0.5	4.9	< 0.5	< 0.5	< 0.5	3.1
	4/17/2008	< 0.5	8.5	< 0.5	< 0.5	< 0.5	4.4
MW-12	11/11/2008	32	25	4.5	2.7	44	0.65
	8/28/2008	26	14	3.2	2.7	23	< 0.5
	4/17/2008	27	24	2.9	2.6	33	0.76
AWQS		5	5	100	2	70	NE





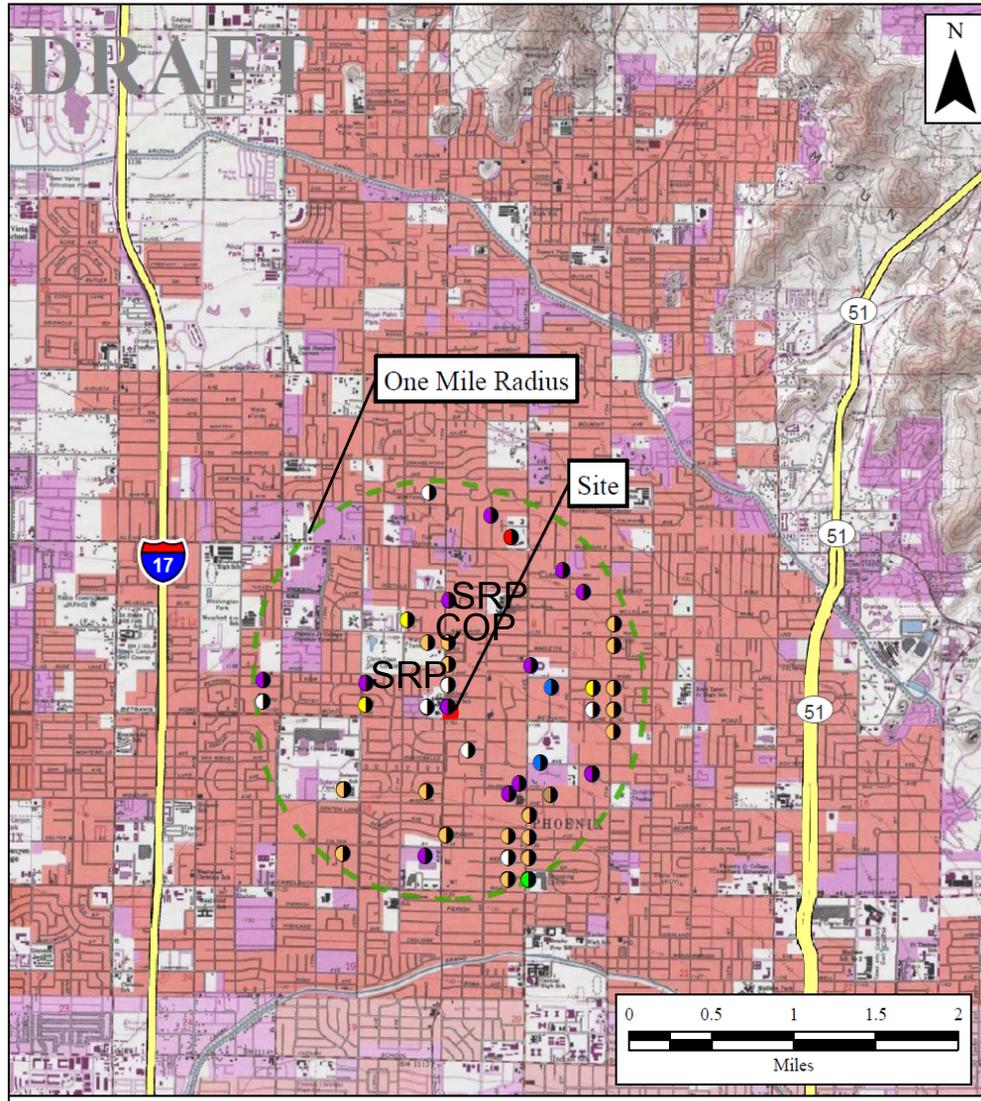
PCE ground water concentrations in monitor wells November 2008 ($\mu\text{g/L}$)



* MW-9 GW elevation not used for contouring. MW-9 is approximately 10 feet north of MW-4

Note: 0 cmpl. feet above mean sea level

- The zoning pattern in the area has long been established and there are no foreseeable changes in the future.
- The land and water uses study questionnaire responses supplied by the City of Phoenix and the Salt River Project (SRP) indicated three production wells in the vicinity of the site.
- The City of Phoenix did not indicate they plan to restore their inactive well in the vicinity of the site to active service.
- Samples collected from the SRP wells near the site have detected PCE at concentrations currently below the Aquifer Water Quality Standard for PCE of 5 parts per billion.
- SRP indicates, because of their reliance on groundwater, they are very concerned with any water quality problems in the aquifer.



- The surface water, air and soil exposure routes appear to be complete at the site. The concentrations of the contaminants known at the site do not appear to pose a substantial risk to human health.

Questions?



Contact Information

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