

**South Mesa Water Quality Assurance Revolving Fund (WQARF) Site  
Community Advisory Board (CAB) Meeting**

**Tuesday, February 12, 2013  
City of Mesa Fire Station #202  
830 S. Stapley Drive  
Mesa, Arizona**

**DRAFT MINUTES**

RPU #13-279

CAB members present: Jay Clapp, and Karl Kohlhoff, Leland Frische, Scott Bouchie, Bruce Robinson

ADEQ Staff in attendance: Andre Chiaradia, Manager Remedial Projects Unit; Danita Hardy, Project Manager; and Wendy Flood, Community Involvement Coordinator

Members of the public present: Jim Clarke, ADEQ Consultant from MACTEC; Jessica Koberna, Town of Gilbert; Karl Wolf, SRP; and Mark Horn, Town of Gilbert

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The following matters were discussed, considered, or decided at the meeting:

**1. Welcome and Introductions**

Ms. Wendy Flood introduced herself as the new Community Involvement Coordinator for the site. Introductions of CAB members, ADEQ staff, and members of the public were conducted.

**2. Acceptance and/or changes to April 2, 2008 and July 20, 2011 Minutes-CAB Co-chair**

Mr. Jay Clapp moved to accept the minutes as written and Mr. Leland Fische seconded, motion passed.

**3. Proposed Remedial Objectives and Groundwater Sampling - Danita Hardy, Project Manager**

Ms. Hardy reviewed the rules regarding the Remedial Objectives (RO) and gave a review of the ROs for the South Mesa site. She then reported on recent sampling results, plume changes and the next steps.

**See presentation below**

Mr. Jim Clark, consultant for ADEQ also informed the CAB that in 2004 there was a shift in groundwater which helped to push the plume back and why we see it as it is today.

A comment was made regarding a lack of sampling data. Mr Chiaradia stated that was when the budget was cut and no work was done on the South mesa site.

#### **4. Remedial Objectives Report Comments – Wendy Flood, Community Involvement coordinator**

Mrs. Flood handed out the report to all in attendance, as well as a copy of the public comment notice.

Mr. Kohlhoff stated the wells are shallow in the area near the site and the area is also industrial. His thoughts are there is no loss of water since the contamination is in a different aquifer and the use of the surrounding land is industrial.

SRP expressed the fact that all water is considered drinking water (no matter what aquifer) and therefore needs to clean up in case there is a need in the future. Further discussion was held on this topic and the use of the wells and water for the city .

Mr. Kohlhoff repeated his comments for the record regarding the RO report:

- 1) No additional action is necessary for the South Mesa WQARF site. The site needs to be closed.
- 2) Clean the source area (Applied Metallica – 1545 W. McQueen) so that a business center can be built on it.

Mr. Clapp added an emphasis to not pump the wells close to or at the site. We need to be responsible with the groundwater and do what common sense says to do- don't pump the wells. He also stated his comments were the same submitted last meeting for the RO report and nothing more to add.

#### **5. Call to the Public**

None

#### **6. Future Meeting and Agenda Discussion**

It was decided that the date of the next CAB meeting would be determined at a later date, approximately fall 2013 when the RI will be final and the Feasibility Study complete. Topics will also include voting on new members.

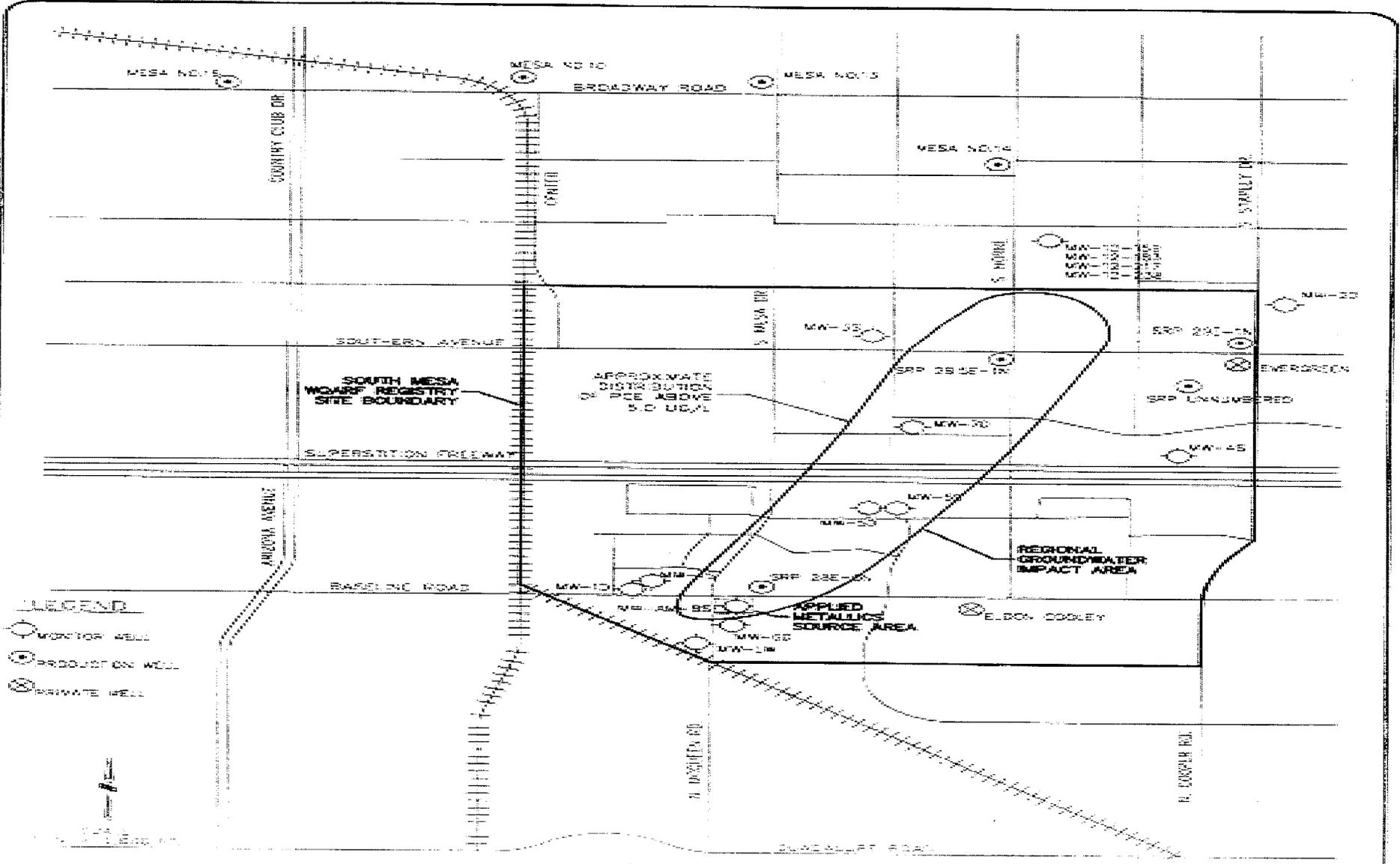
#### **7. Adjournment**

Mrs. Flood adjourned the meeting.



***PROPOSED REMEDIAL OBJECTIVES &  
GROUNDWATER SAMPLING  
FOR THE  
SOUTH MESA WQARF REGISTRY SITE.***

***February 12, 2013***



**LEGEND**

- MONITOR WELL
- ⊙ PRODUCTION WELL
- ⊗ PRIVATE WELL



**SITE AND VICINITY PLAN**

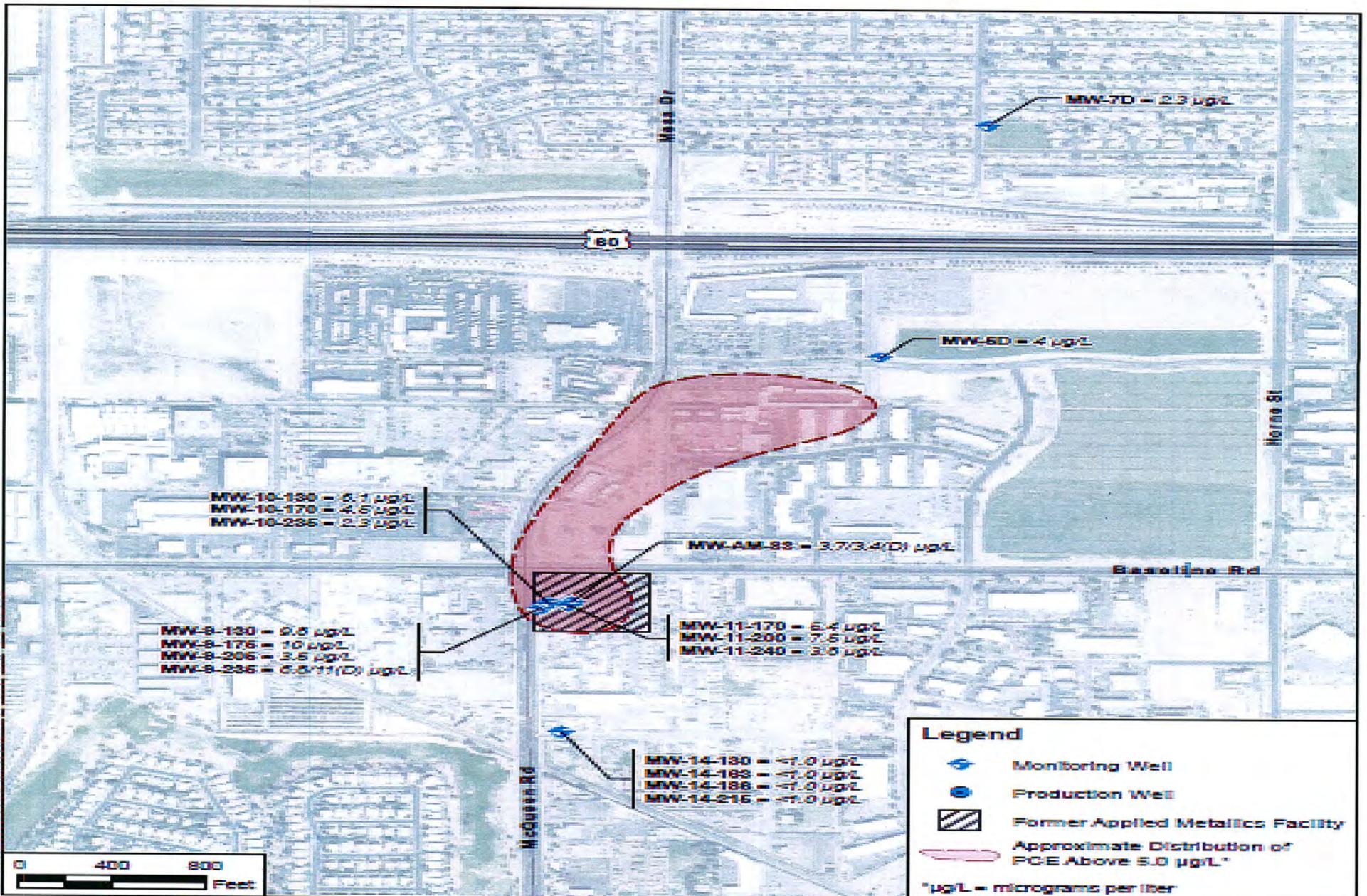
**FIGURE 1**

PROJECT DESIGN NAME	SOUTH MESA WATER
PROJECT NUMBER	00000000000000000000
DATE	00/00/00
DESIGNED BY	00000000000000000000
CHECKED BY	00000000000000000000
APPROVED BY	00000000000000000000



MACTEC CONSULTING AND DESIGN, INC., FLORIDA  
 10000 W. WINDY HILL ROAD, SUITE 1000, WEST PALM BEACH, FLORIDA 33411  
 PHONE: (561) 833-1234 FAX: (561) 833-1234

Well Name	Zone	Sampling Date	c-1,2-DCE	PCE	TCE
<b>MW-9-130</b>	<b>UAU1</b>	5/4/2012	<1.0	<b>9.8</b>	<1.0
<b>MW-10-130</b>	<b>UAU1</b>	5/4/2012	3.4	<b>6.1</b>	3.8
<b>MW-14-130</b>	<b>UAU1</b>	5/4/2012	<1.0	<1.0	<1.0
<b>MW-AM-8S</b>	<b>UAU2</b>	5/3/2012	<1.0/<1.0(D)	3.7/3.4(D)	<1.0/<1.0(D)
<b>MW-9-175</b>	<b>UAU2</b>	5/4/2012	3.7	<b>10.0</b>	<1.0
<b>MW-10-170</b>	<b>UAU2</b>	5/4/2012	13	4.5	3.9
<b>MW-11-170</b>	<b>UAU2</b>	5/4/2012	5.0	<b>5.4</b>	<1.0
<b>MW-14-163</b>	<b>UAU2</b>	5/4/2012	<1.0	<1.0	<1.0
<b>MW-5D</b>	<b>UAU3</b>	5/3/2012	<1.0	4.0	<1.0
<b>MW-7D</b>	<b>UAU3</b>	5/3/2012	<1.0	2.3	<1.0
<b>MW-9-205</b>	<b>UAU3</b>	5/4/2012	<1.0	3.5	<1.0
<b>MW-11-200</b>	<b>UAU3</b>	5/4/2012	3.6	<b>7.5</b>	1.8
<b>MW-14-186</b>	<b>UAU3</b>	5/4/2012	<1.0	<1.0	<1.0
<b>MW-9-235</b>	<b>UAU4</b>	5/4/2012	9.3/8.5(D)	<b>6.8/11(D)</b>	<b>6.4/7.0(D)</b>
<b>MW-10-235</b>	<b>UAU4</b>	5/4/2012	<1.0	2.3	<1.0
<b>MW-11-240</b>	<b>UAU4</b>	5/4/2012	<1.0	3.8	<1.0
<b>MW-14-215</b>	<b>UAU4</b>	5/4/2012	<1.0	<1.0	<1.0
		<b>AWQS</b>	<b>70 µg/l</b>	<b>5 µg/l</b>	<b>5 µg/l</b>



Job No. 4972112050  
 PM JNC  
 Date: 5/7/2012  
 Scale: 1" = 800'



**South Mesa WQARF Registry Site  
 Mesa and Gilbert, Arizona**

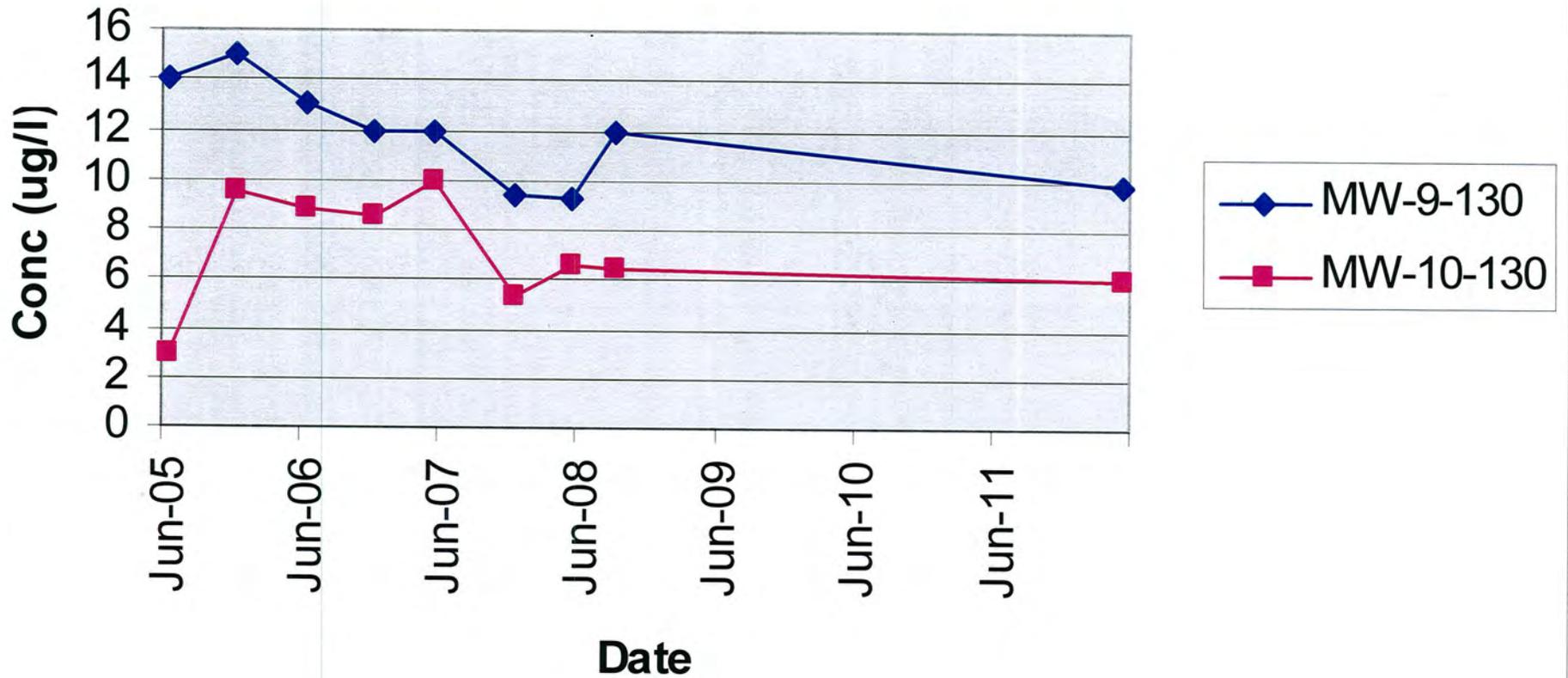
**May 3 - 4, 2012**

**Upper Alluvial Unit PCE Distribution**

**FIGURE 11**

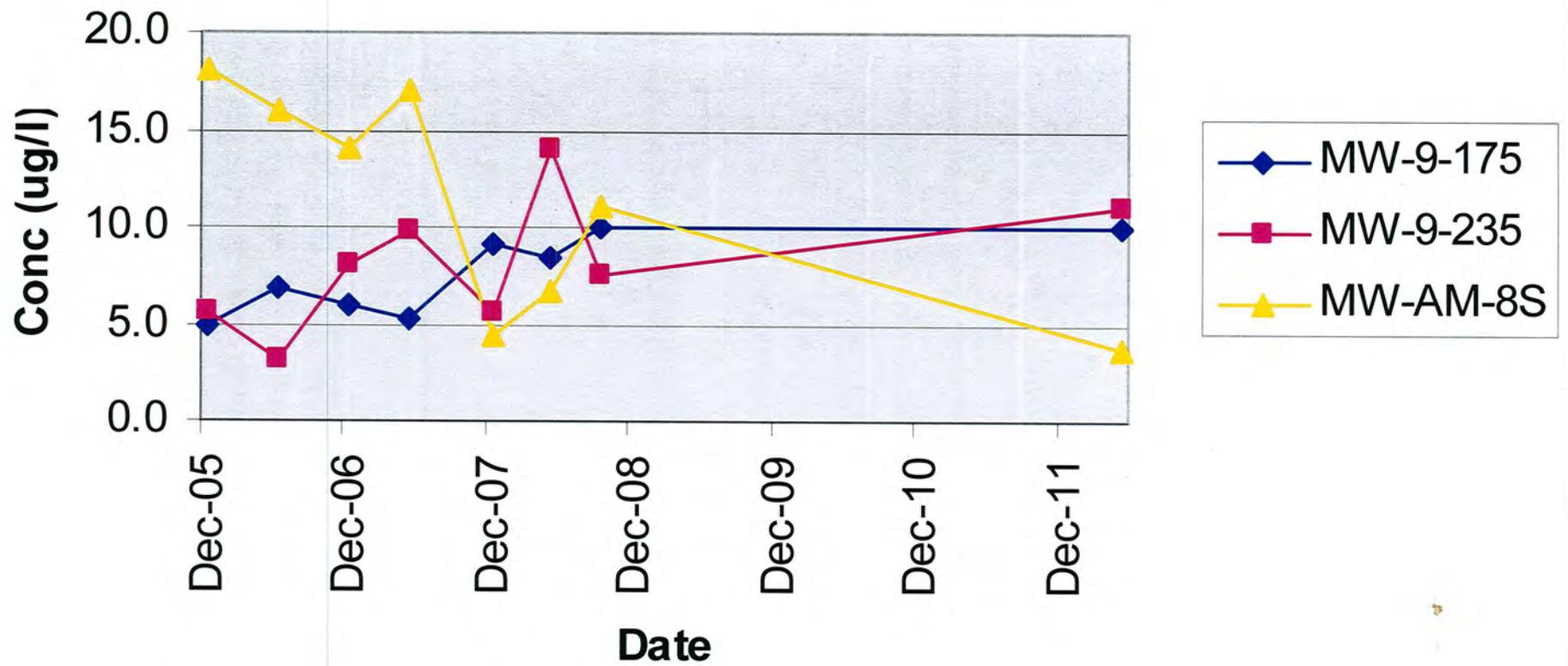
This map shows how data has been collected with all relevant responsible care and is intended for use with AMEC Project Number 4972112050. This map does not constitute a warranty, representation, or any kind of AMEC endorsement or liability, direct or indirect, whatsoever for any such third party's use of this map.

### PCE Concentrations/Time UAU1

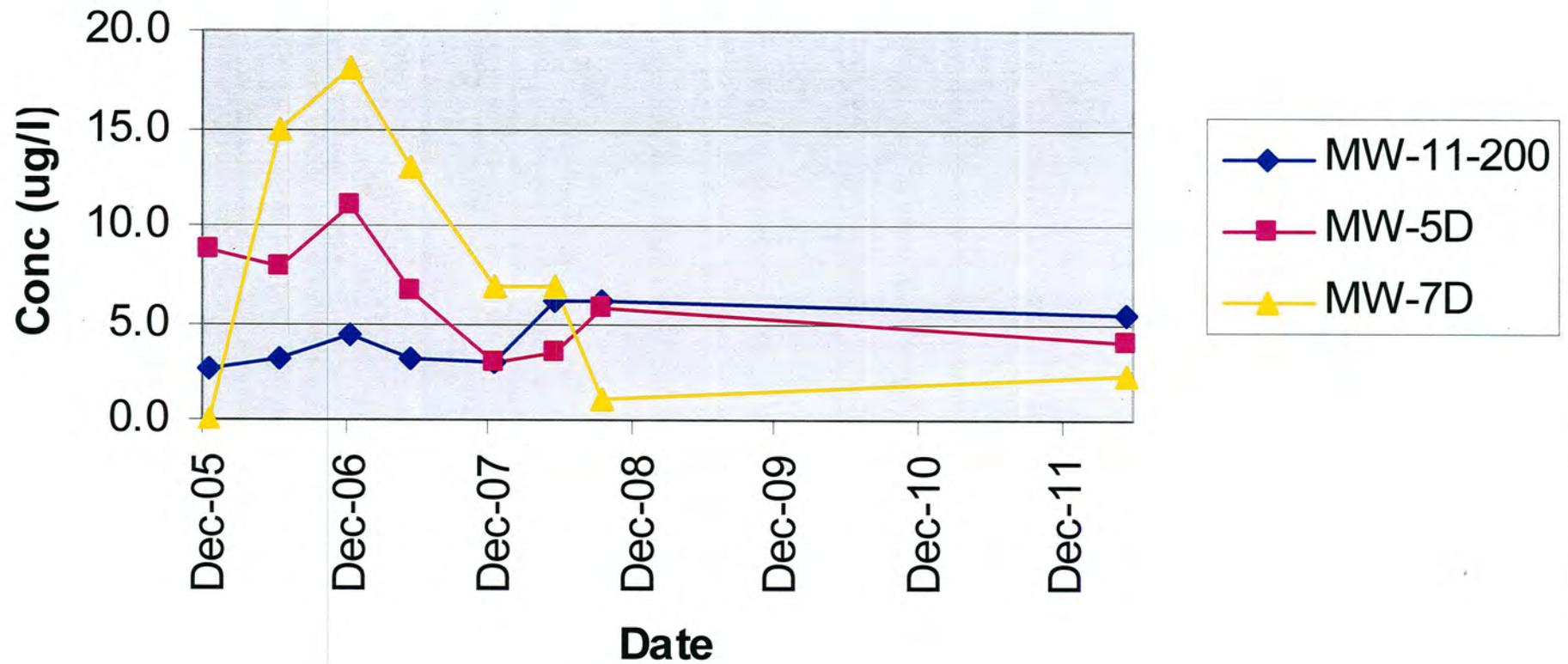




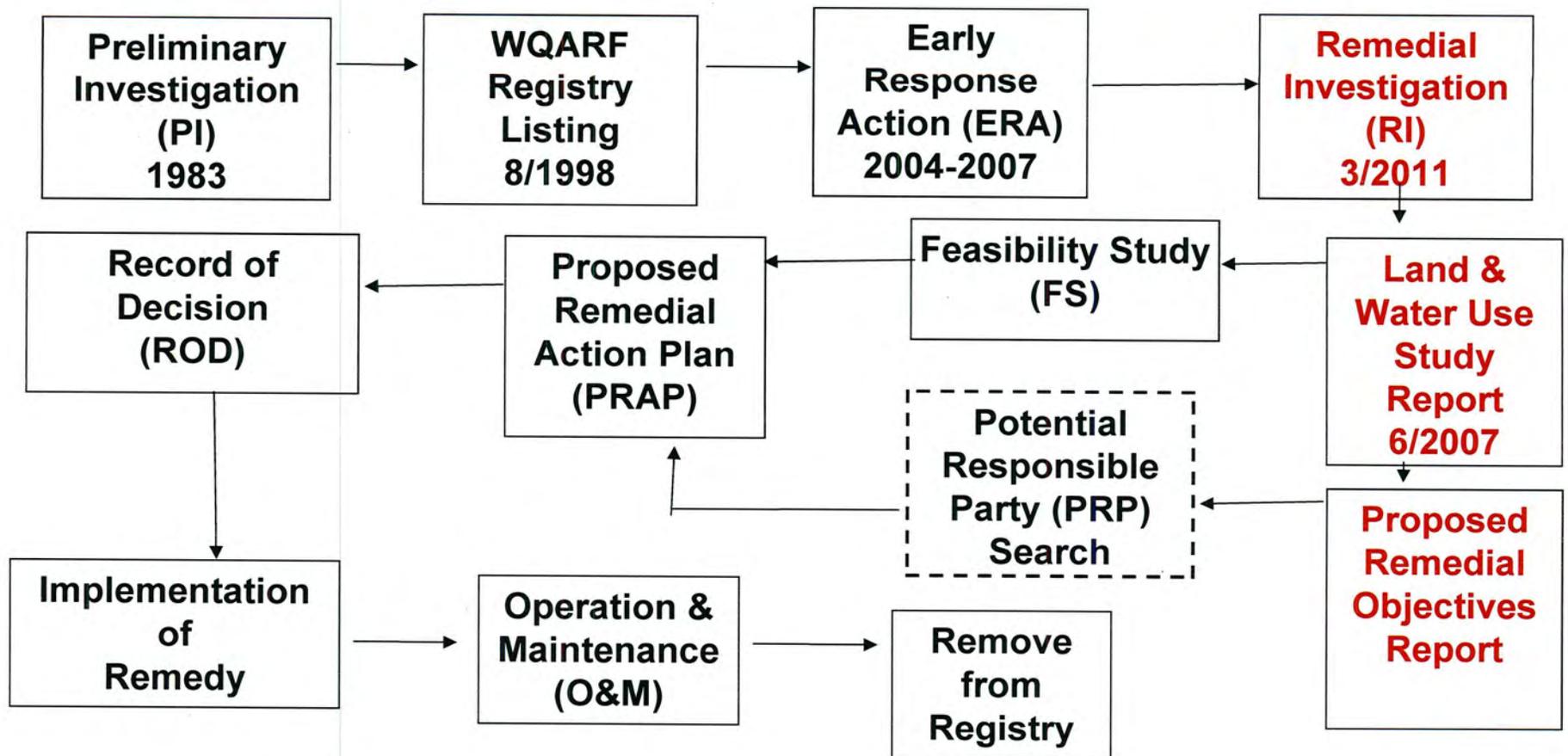
### PCE Concentrations/Time UAU2



### PCE Concentrations/Time UAU3



## WQARF Phases



**Remedial Objectives (ROs)** R18-16-406(I)(4) are established for the current and reasonably foreseeable uses of land and beneficial uses of waters of the state.

- Pursuant to R18-16-406(D), it is specified that reasonably foreseeable uses of land are those likely to occur at the site.
- Beneficial uses of water are those likely to occur within one hundred years.



- The ROs chosen for the site will be evaluated in the feasibility study (FS) phase of the WQARF process. R18-16-407(A)
- The FS will evaluate specific Remedial measures and strategies required to meet the ROs and propose a reference remedy and at least two alternative remedies.

## ROs for Land Use

- The land use at the project in both the City of Mesa and Town of Gilbert is one of mixed commercial and residential (as indicated in the Land and Water Use Study Report) .
- There are no foreseeable changes in the zoning pattern in the area.

## The Proposed ROs for land use are to:

- Protect against possible exposure to hazardous substances in surface and subsurface soils that could occur during development of the property based on applicable zoning regulations.
- Protect against possible leaching of hazardous substances in surface and subsurface soils to the groundwater.
- Protect against possible land restrictions required by applicable zoning regulations because of hazardous substances in surface and subsurface soils.

## Proposed ROs for Irrigation & Municipal Water Uses:

- To protect the supply of groundwater for municipal use and for the associated recharge capacity that is threatened by contamination emanating from the South Mesa site.
- To restore, replace, or otherwise provide for the groundwater supply lost due to contamination associated with the South Mesa site.

recharge  
no loss for gw.

The ROs will be needed for as long as:

- There is a demand and need for water,
- The water remains available and
- The contamination associated with the South Mesa site prohibits or limits water use.

## The South Mesa ROs

- Are currently in public comment for 30 days as of February 4, 2013.
- After the 30 day public comment period, ADEQ will determine the ROs with consideration to the comments received.  
*MARCH 6<sup>th</sup>.*
- The finalized ROs will then become part of the final RI report.



## Contact Information

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