

**Cooper and Commerce Water Quality Assurance Revolving Fund (WQARF) Site
Community Advisory Board (CAB) Meeting**

**Wednesday, March 25, 2009 at 6 p.m.
McQueen Park Activity Center
510 N. Horne St., Gilbert, Arizona**

FINAL MINUTES

OU #09-111

CAB members present: Michael Evans, Pacer Udall, Bobbi Buchli, Nyangenya (Joe) Maniga, Bruce Friedrich, Deanna Gnad; and Carrie Lewis

CAB Members absent: None

ADEQ Staff in attendance: Scott Goodwin, Project Manager; and Felicia Calderon, Community Involvement Coordinator

Members of the public present: Pat Petteruti; and Tim Rinesmith

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

1. Welcome and Introductions

Ms. Calderon greeted all attendees and turned over the meeting to the Co-Chair, Mr. Udall.

2. Acceptance and/or Changes to February 28, 2009 Minutes

Mr. Udall presented a motion to accept the draft minutes. Mr. Evans moved to accept the minutes, and it was seconded by Ms. Lewis. The motion then passed unanimously by the CAB.

**3. Current Status and Activities at Cooper and Commerce WQARF Site - Scott Goodwin,
Project Manager**

Mr. Goodwin initiated his presentation to the CAB with a discussion of recent and upcoming activities for the Cooper and Commerce Site (Site).

See presentation below

**A. Fourth quarter 2008 groundwater flow direction and concentrations were reviewed
with the CAB**

See presentation below

Mr. Friedrich questioned how Mr. Goodwin determined that the groundwater flow direction was to the west. In response Mr. Goodwin stated that a westerly flow of the plume had been detected for several quarters of monitoring, and it was also confirmed by the increasing concentration in monitoring well (MW) #8. Ms. Gnad; inquired if the Town of Gilbert would

be allowed to put water into the riparian preserve south of the Site. Mr. Goodwin responded that water was already being discharged into the riparian area at a rate of 800,000 gallons a day.

B. Monitoring requirements of the Maricopa County air quality permit were presented to the CAB

See presentation below

Mr. Goodwin clarified for Mr. Friedrich that the term “uncontrolled” meant untreated.

C. Recovery history and operating expenses for newly installed Soil Vapor Extraction/Air Sparge treatment system were reviewed with the CAB

See presentation below

Mr. Goodwin confirmed Mr. Friedrich’s statement that there was no additional funding available to the Site for FY09. Mr. Goodwin added that the State currently has money to run this system until June 30, 2009, and funding past this date was currently unknown.

Mr. Goodwin clarified for Mr. Evans that if the Town of Gilbert is putting water back into the ponds south of the Site, that a circulation cycle between the recharged water and the extracted water would be created. This would benefit the pump and treat system.

A discussion ensued over the uncertainty of the plume’s exact boundary and growth pattern. Mr. Goodwin added that once the source of the plume is targeted with the pump and treat system, control and reduction of the plume can be achieved. In addition, Mr. Goodwin stated that the plume does not appear to be expanding rapidly.

4. State Budget Action by CAB

Ms. Buchli requested a motion to accept Mr. Evans finalizing a draft letter on behalf of the CAB to be mailed to elected officials regarding the continuation of funding for the newly installed groundwater treatment system at the Site. Mr. Udall made a motion and Ms. Gnadt seconded.

The CAB discussed and constructed an outline of a draft letter to include: Site and CAB history, elevated public risk factors e.g. drinking water; and long-term cost effectiveness for completion and operation of the pump and treat remediation system. Mr. Udall requested a motion to accept the drafted CAB letter to be finalized as an official letter to represent the CAB. Ms. Gnadt made a motion, and Mr. Maniga seconded. The motion then passed unanimously by the CAB.

5. New CAB Co-chair Nominations and Voting - Felicia Calderon, Community Involvement Coordinator

Ms. Buchli requested a motion to retain the same co-chairs, Pacer Udall and Mike Evans. Mr. Friedrich made the motion, and Mr. Maniga seconded. The motion then passed unanimously by the CAB.

6. Call to the Public

Mrs. Petteruti inquired as to the prioritization of the Site. In response Mr. Goodwin stated that sites are placed on a WQARF Registry and that sites on the Registry are scored based in part

upon the type of contamination present, the location of the contamination, and the number of people that may be affected. Mr. Goodwin added that the maximum score a site may receive is 120. Mr. Goodwin further explained that there are currently 35 sites on the WQARF Registry and that Cooper and Commerce was listed on the Registry on June 14, 2004 with a score of 33. Mr. Goodwin explained that in WQARF history the site scores did not play an active role in establishing cleanup order, but due to recent budget restrictions, site scores may become a component in determination of prioritization. Mr. Goodwin also stated that this Site does rank a little higher on the Registry because it threatens a public drinking water well.

The CAB discussed monitoring activities, well depths, and historic information surrounding the Town of Gilbert wells, particularly the Town of Gilbert Well #15, which is in risk of contamination by the Site.

7. Future Meeting and Agenda Discussion

The CAB elected to hold their next meeting at the McQueen Park Activity Center, 510 N. Horne St., Gilbert, Arizona, on Thursday, June 25, 2009 beginning at 6 p.m. Proposed agenda items for the next meeting included: review final draft of CAB State budget letter and discussion on responses received, Site contamination recovery history, specifics of interim remedial action of SRP wells, Town of Gilbert Well #15 monitoring procedures; and 2010 State budget.

8. Adjournment

Mr. Udall asked for a motion to adjourn. Mr. Evans made a motion and Ms. Lewis seconded. The meeting was adjourned.

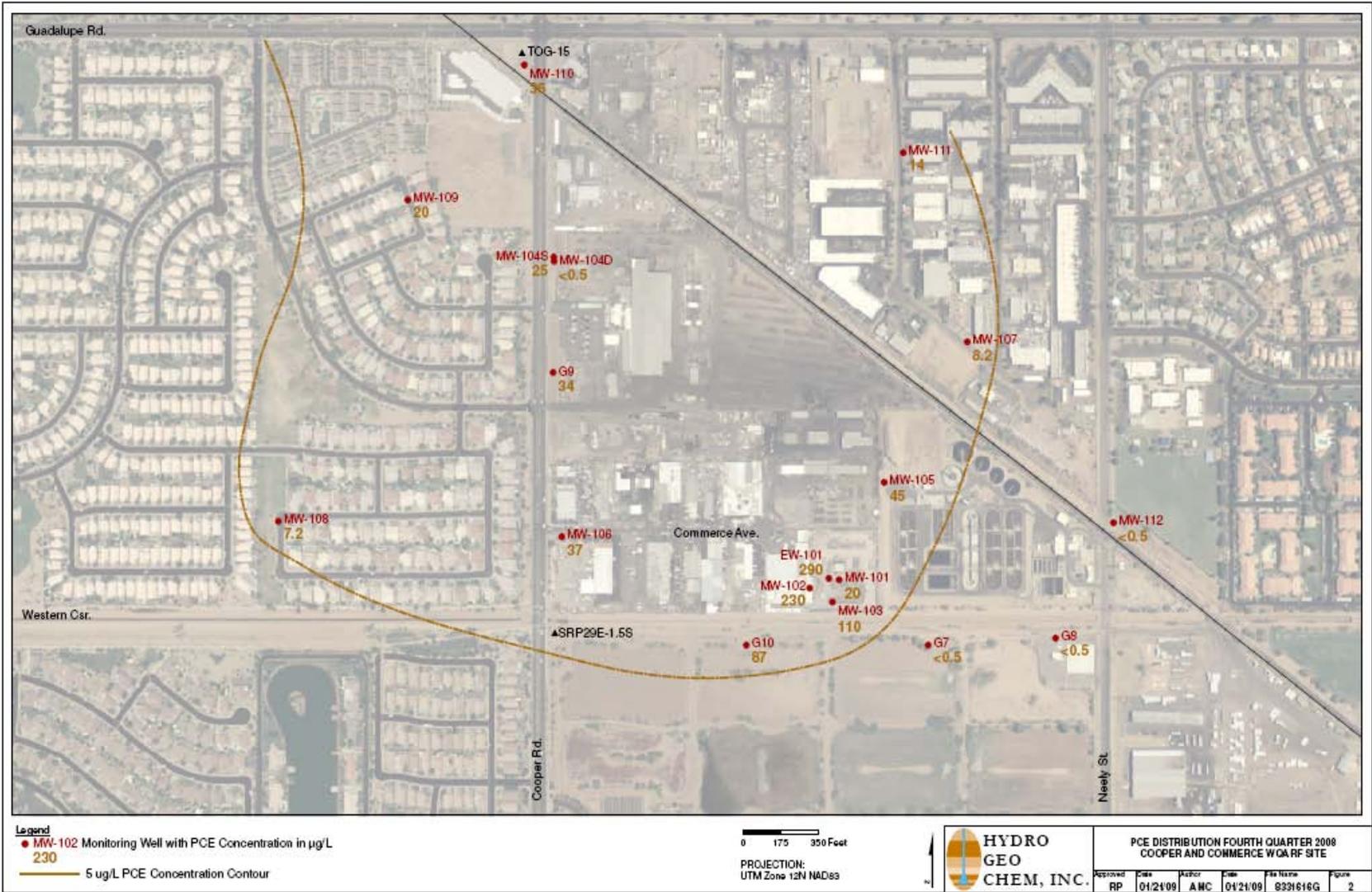


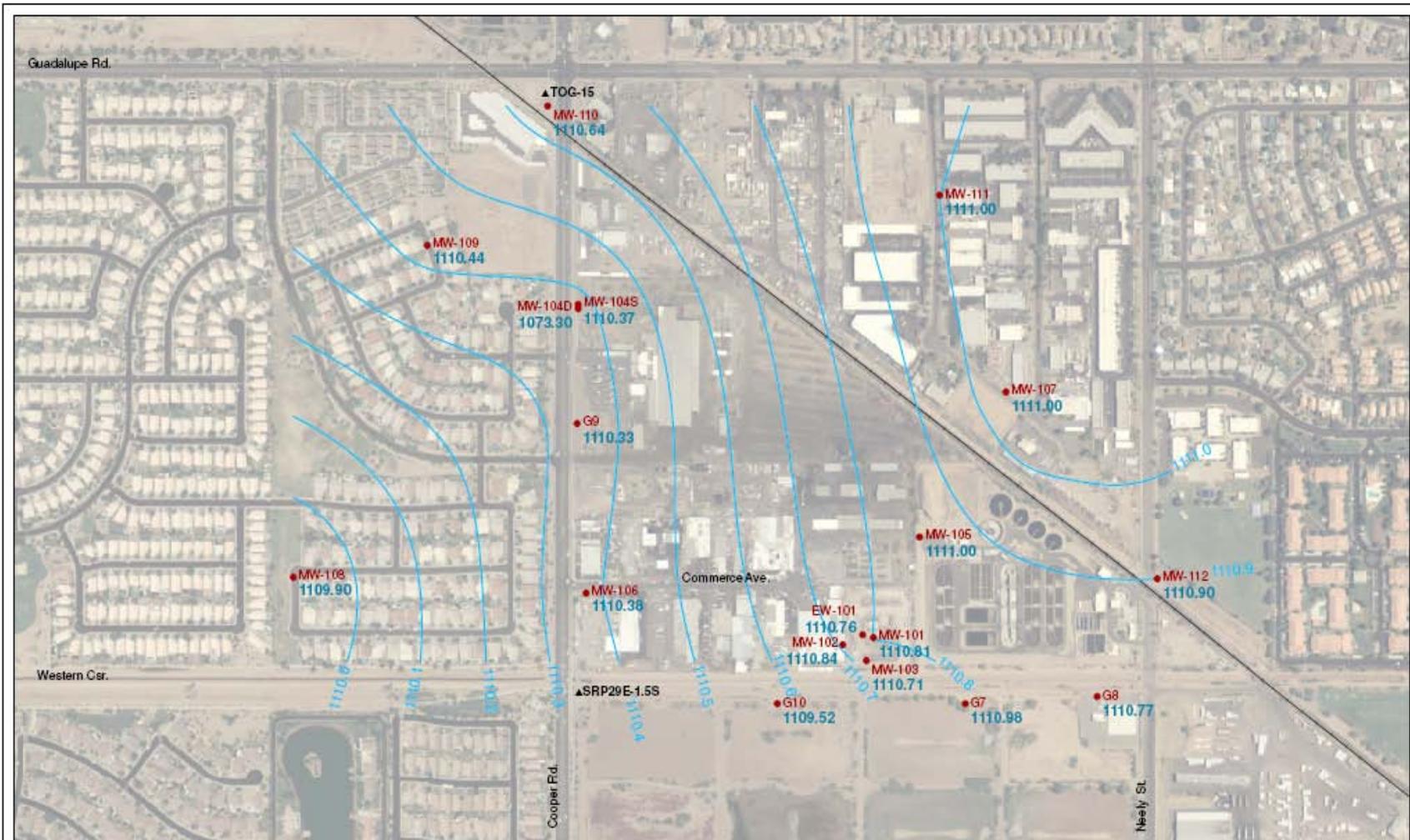
Cooper and Commerce Water Quality Assurance Revolving Fund (WQARF) Site

March 25, 2009

Fourth Quarter 2008 Groundwater Update

- Groundwater flow direction for the fourth quarter 2008 was predominately to the west.
- Concentrations in MW-108 and G-10 increased compared to last quarter. The rest of the concentrations in the plume are fairly stable.

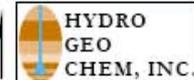




Legend
 ● MW-102 Monitoring Well with Elevation
 1109.66
 NOTE: Contour Interval = 0.1 feet
 NM = Not Measured

— Water Elevation Contours
 Based on Shallow Wells: G-8, G-9,
 EW-101, MW-101, MW-105, MW-104S,
 MW-105, MW-106, MW-107, MW-108,
 MW-109, MW-110, MW-111, MW-112

0 140 280 Feet
 PROJECTION:
 UTM Zone 12N NAD83



GROUNDWATER ELEVATION MAP: DECEMBER 2008
 COOPER AND COMMERCE WQARF SITE

Approved	Date	Author	Date	File Name	Page
RP	01/23/09	AMC	01/23/09	8331619G	5

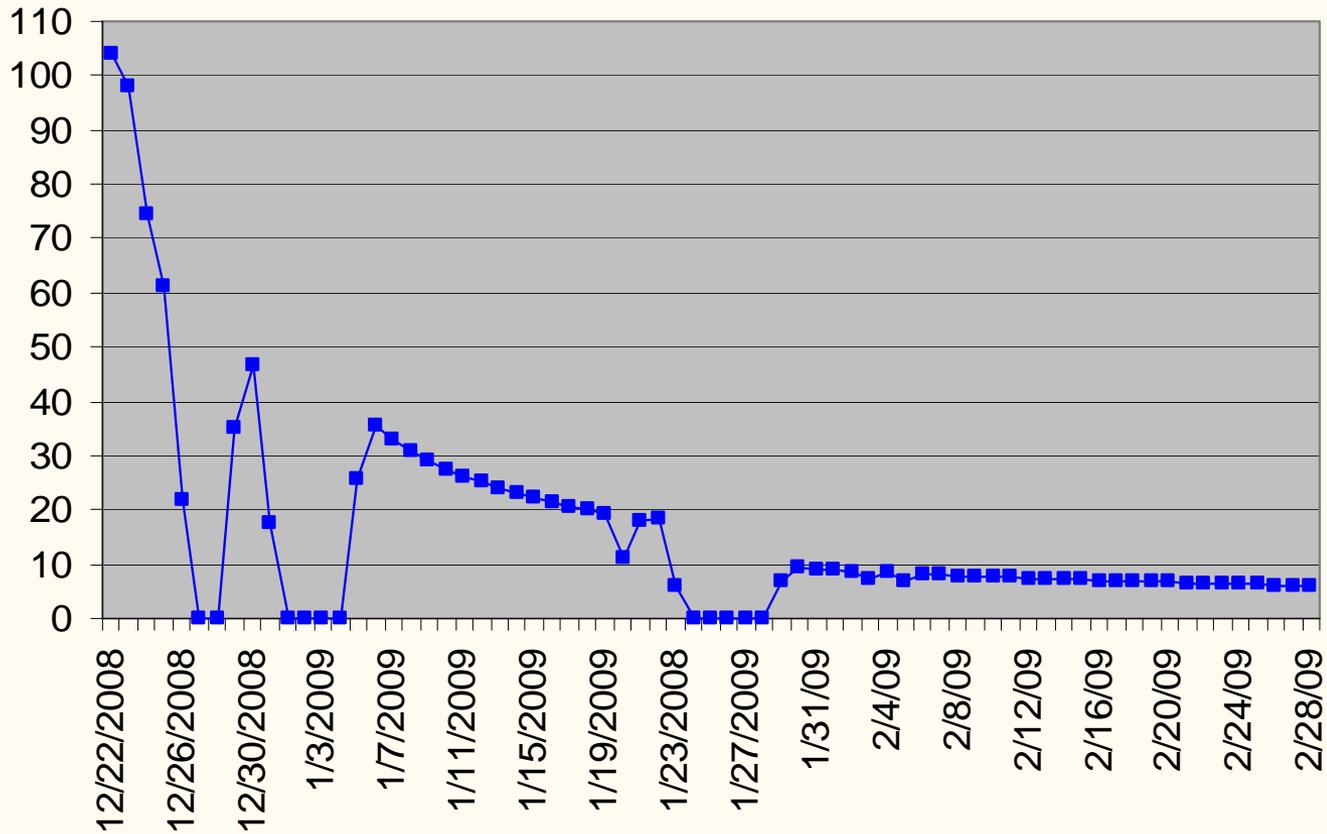
Update – Maricopa County Air Permit Monitoring Requirements

- If uncontrolled VOC emissions exceed three pounds per day, then the removal efficiency of the granular activated carbon (GAC) system shall be at least 90%.
- If uncontrolled VOC emissions are less than three pounds per day then the outlet concentrations of the GAC system shall be less than 10 parts per million.
- Monitor concentrations of GAC system, lead and lag vessels, every 15 operating days or less.

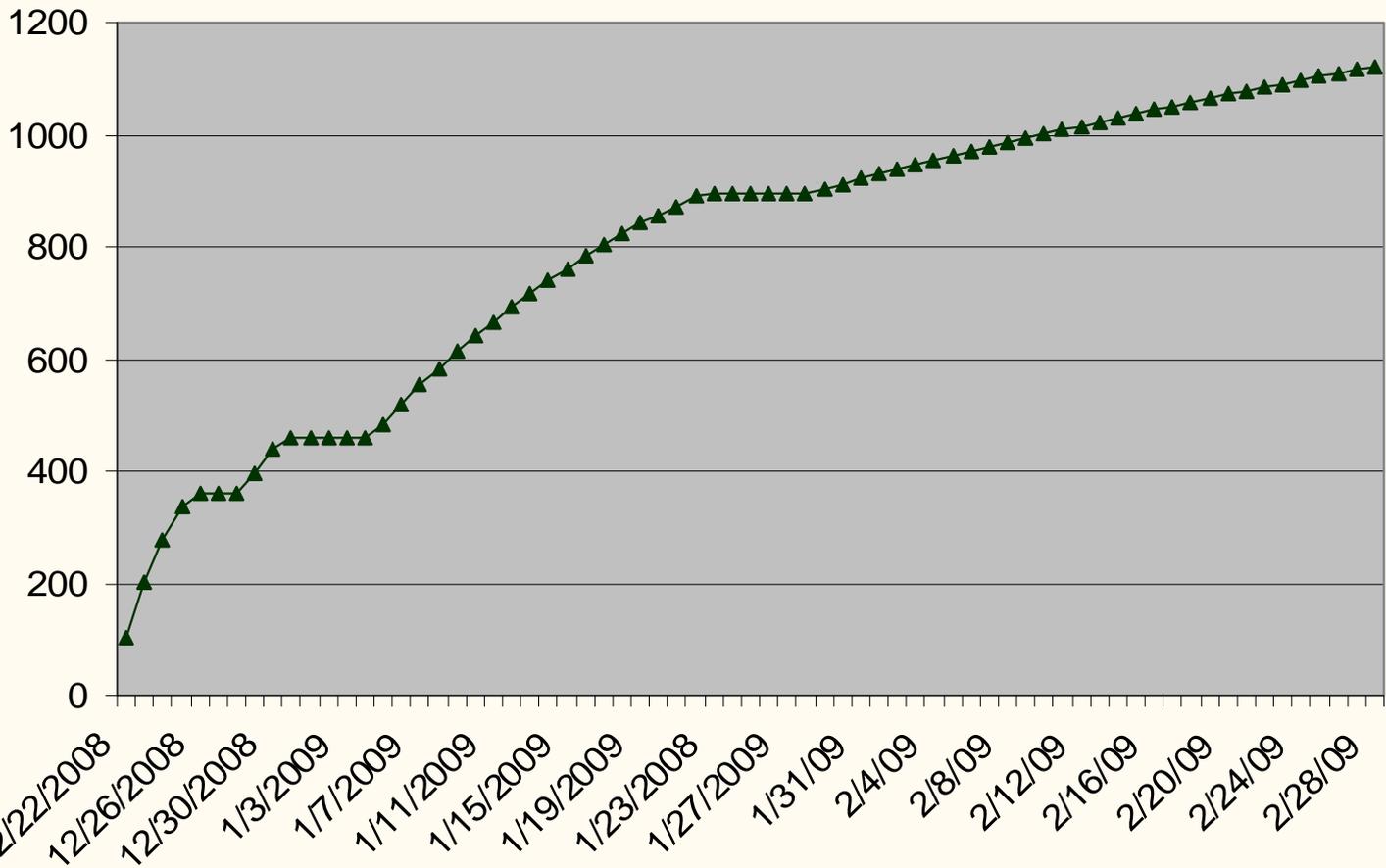
Update – Maricopa County Air Permit Monitoring Requirements

- ADEQ's contractor monitors the concentrations on the lead GAC vessel for breakthrough on a weekly basis. Carbon is changed and lead and lag vessel are switched when breakthrough occurs on lead vessel.
- Therefore, concentrations at the lag vessel outlet, or stack, are normally below the meter detection limit of 0.1 part per million.
- System is checked for leakage or any deteriorating conditions that may lead to leakage on a monthly basis.

Cooper and Commerce PCE Recovery (lbs/day)



Cooper and Commerce PCE Cumulative Recovery (lbs)



Estimated Monthly Operating Expenses for the SVE System

- ADEQ is estimating approximately \$6,500 per month, excluding carbon, to operate the system.
- ADEQ budget for the remainder of FY 2009 included 3 carbon change-outs at \$10,000 each or approximately \$6,000 per month pro-rated on a monthly basis.

Questions?

Contact Information

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