



COUNTY ADMINISTRATOR'S OFFICE  
130 WEST CONGRESS, 10<sup>TH</sup> FLOOR  
TUCSON, ARIZONA 85701



CITY MANAGER'S OFFICE  
P.O. Box 27210  
TUCSON, ARIZONA 85726-7210

**CITY/COUNTY WATER AND WASTEWATER STUDY  
OVERSIGHT COMMITTEE**

**September 10, 2008  
Meeting Summary**

1. **CALL TO ORDER**

Chairman Jim Barry called the September 10, 2008 meeting of the City/County Water and Wastewater Study Oversight Committee (Oversight Committee) to order at 7:00 a.m. at the Randolph Golf Course Club House, Copper Room, 600 South Alvernon Way, Tucson, Arizona.

Members Present:

Jim Barry, Chairman  
Rob Kulakofsky  
Tina Lee  
Bonnie Poulos  
Sean Sullivan  
Daniel Sullivan  
Mark Stratton  
Vincent Vasquez  
John Carlson

Representing:

Citizens Water Advisory Committee (CWAC)  
WMAC  
CWAC  
County P&Z Commission  
City Planning Commission  
CWAC  
WMAC  
CWAC  
Wastewater Management Advisory Committee (WMAC)

Alternate Present:

Bob Cook

Representing:

County P&Z Commission

Members Absent:

Marcelino Flores  
James Watson  
Bruce Gungle

Representing:

WMAC  
City Planning Commission  
County Planning and Zoning (P&Z) Commission

City/County Staff Present:

Nicole Ewing Gavin, City Manager's Office  
Sabrina Cotta, City Manager's Office  
Chris Avery, Tucson Water  
Sandy Elder, Tucson Water  
Ralph Marra, Tucson Water  
Michael McCasland, Tucson Water  
Melaney Seacat, Regional Wastewater Reclamation Department  
Nicole Fyffe, Pima County Administrator's Office  
Brenda Garcia, Regional Wastewater Reclamation Department

A quorum of the Committee was established.

2. **APPROVAL OF AUGUST 27, SEPTEMBER 3, 2008 MEETING SUMMARIES**

Motion to approve the minutes passed by a voice vote of 10 to 0

3. **COMMITTEE BUSINESS**

Jim Barry stated that both the Mayor and Council and the Board of Supervisors had agreed to the extension of time with Phase I to be complete in February 2009 and Phase II in October or November of 2009.

Jim Barry gave a water provider participation update stating that Ray water company had submitted their water resource worksheet, that we would be working with Sahuarita to complete theirs, and that SAWUA was meeting and discussing it.

Jim Barry asked the committee if they would like to take action on approving the study area as discussed at the previous meeting. Sean Sullivan stated that he had a substitute motion he would like to present. Jim Barry suggested the item be postponed until the next meeting so it could be discussed further. Bonnie Poulos requested that a copy of the substitute motion be distributed to the committee before the next meeting. Sean Sullivan agreed.

4. **WATER HARVESTING**

Charles Cole made a presentation on the rainwater harvesting system installed at his home. The slides and handout from the presentation are posted to the study website ([tucsonpimawaterstudy.com](http://tucsonpimawaterstudy.com)).

Bonnie Poulos asked for Charles Cole's opinion on the City of Tucson Rainwater Ordinance to be voted on in October and whether it was a step in the right direction. Charles Cole responded that yes but questioned if it goes far enough and why it is only for outdoor use.

John Carlson asked about the installation and maintenance costs of the system, if he uses the water for landscape and how he handles stormwater flows on site. Charles Cole responded that the cost of installing the system is \$35,000 and that it costs about \$70 per month to maintain. He stated that is a cost effective approach for rural/off-the-grid locations. John Carlson asked about the cost of electric to run the system. Charles Cole responded that it wasn't significant.

Vince Vasquez asked what the average bill is for a Tucson Water customer. Chris Avery responded \$17 per month

Jim Braithwaite (audience member) asked if Charles Cole had ever thought of adding ozone to increase the disinfection of the water. Charles Cole responded no but would look into it.

5. **PRESENTATIONS ON CLIMATE- RELATED RESOURCE UNCERTAINTIES**

Jim Barry reviewed slides from the June meetings regarding the role of Colorado River water related to Tucson's water supply, and reminding committee members that that the Colorado River Basin is part of larger context, and there is a tiered sharing agreement that protects municipal supplies.

Julio Betancourt, a senior scientist with the United States Geological Survey, made a presentation on sensitivity of water supply to climate variability and climate change. The Power Point presentation is posted to the study website (tucsonpimawaterstudy.com).

Kathy Jacobs, the Executive Director of the Arizona Water Institute, presented on how the impacts of climate change vary between different watersheds and how water managers can respond to this and other water supply uncertainties. The Power Point presentation is posted to the study website (tucsonpimawaterstudy.com).

Bob Cook asked whether climate change mitigation isn't the most important area of focus versus just focusing on adaptive water management. Kathy Jacobs responded that it is a dramatic driver but impacts are not 100 years from now and managers need to get ready to adapt to change now. Julio Betancourt stated that there are parallel tracks to keep in mind - stabilization of carbon and adaptation.

Bonnie Poulus asked whether science can help steer policy decisions. Kathy Jacobs responded that the connecting science and policy is key.

Vince Vasquez asked whether the 60 million acre feet of water in Tucson's aquifer could all be used as supply in times of shortage. Kathy Jacobs answered no and that some of the water is not physically recoverable.

Madeline Kiser asked which areas of the world do the presenters look to for best practices/inspiration. Kathy Jacobs stated that one must use caution in transplanting solutions here as they don't always fit, but mentioned that Australia is advanced and forward thinking on water management. Julio Betancourt stated the Netherlands and their ability to keep the sea at bay have an amazing story. He also named California for their ability to embrace scientific expertise.

Tres English discussed food supply and whether the water being used for crops other than food here should in the future be looked at for food production. Kathy Jacobs stated that energy cost and local economies will drive this to some degree. Growing vegetables here in the desert is not as easy as in other areas.

## 6. **CALL TO AUDIENCE**

Tracy Williams stated that 100 years is very short sighted and requested that the committee look at the historical summary of the area and balance that with the population and water resources. She also requested that the staff produce a map that showed the Kinder Morgan Pipeline and its location in relation to water and sewer pipelines.

Nancy Freeman requested that the study area be expanded to look at the larger region inclusive all of the watersheds.

Clyde Stagner thanked the USGS for the data and reports they make available and questioned why there are no pipes to capture the water that drips from his air conditioner. Jim Barry thanked Clyde Stagner for the manuscript he submitted titled *Goodbye Phoenix Hello Tucson*.

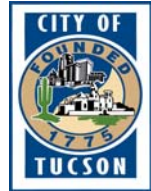
Madeline Kiser stated that stories and narratives are needed to capture the importance of this process in allowing different opinions to enter the discussion.

7. **ADJOURNMENT**

The meeting was adjourned by Jim Barry at 8:55 a.m.



## City/County Water & Wastewater Study Oversight Committee Meeting- 9/10/2008 Attendees



	Last Name	First Name	Organization
1	Block	Michael	Metro Water
2	Bowen	Sheila	Town of Sahuarita
3	Braithwaite	Jim	
4	Brooks	Chris	
5	Chang Kakoh	Bea	Pima County
6	Cloninger	Tim	U of A
7	Cole	Charles J.	
8	Cordy	Gail	
9	Crockett	Dave	FWID
10	Current	Sandy	PCRWRD
11	Daw	Sarah	UA Water Sustainability Project
12	Dickerson	Dennis	
13	Elder	Sandy	Tucson Water
14	Freeman	Nancy	
15	Freitas	Chuck	
16	Gannon	Katie	Drachman Institute
17	Garcia	Margot	
18	Godlewski	David	SAHBA
19	Heller	Carol	
20	Keyes	Dale	
21	Kiser	Madeline	
22	Lachowicz	Holly	
23	Little	Val	Water CASA
24	Moxley	Monica	Town of Sahuarita
25	Pierce	Les	Arroyo Chico Neighborhood Association
26	Proctor	Ron	Sustainable Tucson
27	Roe	Alice	
28	Romero	Steve	Town of Marana
29	Saletta	Philip	Oro Valley Water Utility
30	Scadron	Arlene	
31	Seasholes	Ken	
32	Stagner	Clyde	Social Security
33	Tannler	Jeff	ADWR - Tucson AMA
34	Von Rago	Lilian	PCRWRD
35	Williams	Tracy	
36	Zucker	Claire	PAG