



**UPPER VERDE RIVER WATERSHED PROTECTION COALITION
PRESCOTT, ARIZONA
February 25, 2009**

MINUTES

A MEETING OF THE UPPER VERDE RIVER WATERSHED PROTECTION COALITION WAS HELD ON FEBRUARY 25, 2009 in the Prescott Municipal Building, 201 S. Cortez Street, Prescott, Arizona.

Chairman Fann called the meeting to order at 2:00 p.m.

ITEM NO 1. Introductions, Awards, or Presentations

Members Present:

Mayor Karen Fann, Town of Chino Valley, Chairman
Councilman Mike Flannery, Town of Prescott Valley, Vice Chairman
County Supervisor Carol Springer, Yavapai County
Chairman Ernie Jones Sr., Prescott-Yavapai Indian Tribe
Mayor Jack Wilson, City of Prescott

Members Absent:

Councilman Floyd Wright, Town of Dewey-Humboldt

Staff Present:

Ed Muccillo, Program Manager
Rick Shroads, Assistant Program Manager
Jim Holt, City of Prescott
John Munderloh, Town of Prescott Valley
John Rasmussen, Yavapai County

Guests Present:

Councilwoman Fran Schumacher, Town of Prescott Valley
Councilman Bob Bell, City of Prescott
Joanne Oellers
Richard Butler
Creagan McConnell
Jim Lawrence
Ed Wolfe
Linda Campbell
Lou Bellesi
Seve Conrad
Charlie Hildebrant
Edie Dillon
Shaun Rydell



John Zambrano
Thomas Slaback
Charlie Hildebrant
Howard Mechanic
Gary Beverly
Leslie Hoy

Presentation – Joanne Oellers, Verde River Program Coordinator for the Center for Biological Diversity

Ms. Oellers said she is a representative of the Center for Biological Diversity, the many groups who endorse the Big Chino Water Pumping and Pipeline Position Statement, and the individuals who have signed the Keep the Verde River Flowing Petition. She said they have come to the Coalition Board meeting to present the Position Statement and to the Petition because the Board is the one place where cities that plan to pump the Big Chino come together to discuss actions to protect the Verde. She said they ask that Mayors Fann and Wilson, Councilpersons Flannery and Wright take back what is presented today to their councils so that they may see the vast support for Verde River preservation and to read the very reasonable request for mitigation plans prior to any pipeline construction. Ms. Oellers said mitigation plans should be measurable, scientifically verifiable, comprehensive in scope and available for public review and comment.

Gary Beverly, 1219 Granite Creek Lane in Chino Valley, said he is 35 year resident of the area and represents of the Yavapai Group of the Sierra Club with 623 local members and as a representative of the Grand Canyon Chapter of the Sierra Club with over 16,000 member statewide. He said he would remind the Board that the Verde River is a national resource and this issue transcends local concerns. He said national conservation groups are watching this issue and they will not let this river die.

Creagan McConnell, with the Paulden Area Community Organization, PACO, said he is there to represent the residents of Paulden in not letting their river die.

Leslie Hoy, 1880 Coyote Road, said she is speaking on behalf of the Citizens Water Advisory Group, CWAG. She said after more than six years of careful study of the local water situation, CWAG has concluded that the Big Chino Water Ranch pipeline project is seriously flawed and should not go forward unless the following key issues are resolved:

- Financial plan - if an equitable payment plan is not in place current rate payers are at risk of being forced to underwrite more than their fair share of the cost of the pipeline project.
- Mitigation plan – the pipeline project does not include workable mitigation plan to protect the Verde.
- Alternative sources – all alternative sources of water have not been fully explored. A regional study by the Bureau of Reclamation underway now will identify long term options. Ms. Hoy said Big Chino water will not be needed soon and asked why they should rush the project.
- Threatened lawsuits – the Salt River Project has already filed suit against this project and other lawsuits are pending. She said litigation could drag on for years at taxpayer expense.



Ms. Hoy said on behalf of future generations they will not let this river die.

Alison Trowbridge, 319 Pioneer Drive and student at Prescott College, said she is concerned with the health and protection of Arizona's watersheds because the well being of people and wildlife depends on it and they will not let this river die.

Joanne Oellers, representing the Center for Biological Diversity and its 60,000 members and online activists, said they are very interested in keeping the life that depends on the river sustainable and healthy. She asked the readers to begin reading the Big Chino Water Pumping and Pipeline Position Statement, attached hereto as Exhibit A.

Alison Trowbridge presented the Board with a copy of the Keep the Verde River Flowing Petition and said it is a companion document to the position statement, attached hereto as Exhibit B. She said to date it contains over 19,000 signatures.

Ms. Oellers said they would like the Board to take the petitions and endorsements back to their respective councils to consider the requests. She asked if the Board members will be able to respond to the requests at next month's meeting.

ITEM NO 2. Call to Public

ITEM NO 3. Action – Approval of Minutes for Previous Board Meeting

VICE CHAIRMAN FLANNERY MOVED TO APPROVE THE NOVEMBER 26, 2008 MINUTES; SECONDED BY MEMBER WILSON; PASSED UNANIMOUSLY.

ITEM NO 4. Discussion – TAC Meeting Summaries – January 14, 2009, January 28, 2009, and February 17, 2009

Program Manager Ed Muccillo said the January 2009 TAC summaries are attached to the Board meeting packet and that the February 2009 TAC summary will be deferred to the next Board meeting.

ITEM NO 5. Discussion – Program Manager's Report

Mr. Muccillo said they had a flurry of TAC meetings with a lot of TAC activity. He said all of the contributions for FY 2008/2009 have been made so the financial report for next month will accurately represent the current balance.

Chairman Fann asked for clarification which page he was referring to and Mr. Muccillo said page 5. He said the current balance is \$201,500 more than the number indicated in the financial report [Current balance is actually \$230,867.40]

ITEM NO 6. Discussion – Grant Research and Application Process

Mr. Muccillo said at the November workshop one of the three main focuses for 2009 is to monitor and pursue available grants. He said as suggested by Member Wilson that a one page description for the process and that page 8 in the agenda packet is what has been



prepared. Mr. Muccillo said their approach involves using a combination of the current program management team and to solicit for an outside grant specialist to work with the program management team. He said at that point they will develop a schedule of the available grants applicable to what the Coalition is pursuing. He said as they identify applicable grants they will quickly submit a proposal to the Board with costs and details and then apply for the grant. Mr. Muccillo said the first step in soliciting for a grant specialist is to issue a Request for Proposals/Request for Qualifications. He said they would open it to bringing multiple grant specialists on board based on their areas of expertise. He said some kind of compensation should be offered for helping the Coalition research available grants and suggested an initial workshop with the grant specialists.

Member Springer asked the TAC how most of the grants for water projects are funded.

Mr. Jim Munderloh said regarding water conservation the primary grant source is typically the federal government through the Bureau of Reclamation or some agency like that. He said state entities usually offer grants through the Department of Water Resources and can safely say there is not much funding available through them at this time.

Member Springer said with the budget crisis at the state pretty much all grant programs are on hold. She asked if the stimulus bill has money available for such grants. She said she is not inclined to spend a lot of money on hiring somebody to do grants for them if the funding sources are drying up.

Mr. Muccillo said the Chairman and CEO of Burgess and Niple has someone tracking the stimulus bill for their clients and he is on the lookout for possible funding for Coalition efforts. He said obviously the state has been hit hard but the federal still may have some grants for the Coalition to pursue and Rick Shroads has been monitoring those. He said it still may be worth putting out an RFP/RFQ to see what kind of abilities are out there and we always have the option to refuse them.

Member Wilson said in follow up to what Member Springer said the stimulus money is going to go two ways – through existing programs such as ADOT and WIFA and then some money directly to the governor. He said it is in the best interest of the Coalition to keep a close eye on the stimulus because there is going to be intense competition for that money as they have seen already, especially from the rural versus urban areas. He said he still thinks there is some opportunity to get some grant money.

Chairman Fann asked if they put an RFP/RFQ out it will not cost the Coalition any money. She said if it does not cost them any money to ask the question they might as well ask and then cross that bridge when they get to it. She said this is a discussion item but Ed is looking for some direction.

Mr. Muccillo said it would not cost the Coalition to just issue the request and see what kind of response they get. He said he expects they will get some response.

Vice Chairman Flannery said he would be nervous about what is being proposed because it may not cost them in the short term but it may cost in the long term because the next they do have money and go out for bid they may not be taken seriously.



Chairman Fann said she understands but probably every RFP and RFQ going out today is under the assumption if there is money available. It was the consensus of the Board to proceed with issuing and RFP/RFQ.

ITEM NO 7. Discussion & Possible Action – New Recharge Task Authorization and Budget Review

Mr. Muccillo said the second focus identified at the Coalition Workshop is to continue their initial plan on how the coalition can effectively have a positive impact on recharge efforts in the area. He said the mapping is complete so the next step is the actual source water for a potential recharge project. He said it is worth reviewing from the workshop is that for the long term recharge goal for the Coalition is to develop concepts for technology transfer. Mr. Muccillo said major grants notwithstanding the Coalition budget is not going to support enough projects to have an impact. He said if they can develop the concepts for technology transfer that one or more of the Coalition members can undertake or large scale implementation through model ordinances or development interests. He said that is what the Coalition agreed upon as their goal at the November workshop.

Mr. Muccillo said the next step then is to start to develop those concepts for technology transfer. He said the TAC developed a scope of work that included the following:

- Identify potential partners who could be regulatory agencies, contractors, local businesses, material suppliers that may be willing to participate.
- Look for potential sites and property owners.
- Evaluate those sites.
- Meet with ADWR.

Mr. Muccillo said this STUDY is to determine most efficient method to capture water whether it is an underground network of perforated pipes or parking lot capture or whatever it ends up being. He said one site may have a number of different capture methods in order to measure and then identify which method(s) capture the most water. Mr. Muccillo said recharge itself will happen in basin through infiltration or it is going to happen in the recharge well. He said those are the relatively easier concepts to deal with and there are certain costs associated with that. He said if they are going to go out and say through a model ordinance that developers need to do *this* they need to have a bullet proof method.

Mr. Muccillo said they will then develop 2 or 3 alternatives for a pilot scale for the recharge capture project in order to have some type of design implementation when this is done in approximately 20 weeks. He said the TAC brought up developing an inventory of non-technical such as political, legal, or public involvement questions that will need to be addressed by model ordinances and alternate projects.

Member Wilson asked at the end of this Task, the 20 weeks, what is the deliverable.



Mr. Muccillo said that is on page 10 of their packet. He said they will get a brief report outlining two to three alternatives for a pilot scale recharge source water capture project ready for implementation.

Member Wilson said partners is the key question in his mind and they have to have those ready to go and then the TAC can say it is going to cost X amount of dollars to do something.

Member Springer said she keeps coming back to is that they keep spending time and money and they keep studying things that have been studied for 1,000's of years. She asked how long they are going to keep going over and over and over creating the same list that is available on the internet. She said after a couple of years of spending this money when they are project oriented, not study oriented or educationally oriented, and she is getting frustrated more and more every month when they continually are up to their next step which seems to be another study.

Mr. Muccillo said they are trying to get to the point where they can build a project on a specific site. He said there have been volumes of work that have been done everywhere but they are going to have a site with specific soils and contours. He said he does not want to spend money without a plan and as an engineer he does not do anything without a plan and he would never propose to implement something without a plan. Mr. Muccillo said although this may feel big from the Coalition's standpoint this could be a small investment compared to doing something that does not work, or is not something that could be implemented in an ordinance, or not have the technology to transfer. He said ultimately they are going to be asking the communities to spend their own money on a recharge project based on this technology or asking them to pass ordinances that require developers to be spending money. He said he thinks they want to be sure that what they are doing is going to work, that is viable, and will contribute to protecting the Verde and safe yield.

Member Springer said she would agree 100% if they are going to create something new. She said she can guarantee that whatever they come up with is not going to be new.

Member Wilson said he has a slightly different viewpoint having an engineering background in software and he looks at this as a proof of concept of mission. He said yes you can go out on the internet but take what you get for free with a grain of salt. He said just because you can get it off the internet does not mean it is going to work. Member Wilson said they can take something that has been verified in Australia and try it in Arizona with its arid conditions but before they spend millions of dollars he would rather expend proof of concept hours to make sure the technology they are proposing is actually going to work.

Mr. Muccillo said an analogy to that is water distribution technology because that technology has existed for well over a hundred years but they still need a plan, there are regulatory issues, and other issues to work through, which starts with a study and a plan. He said they want to come out of this with two to three sites with at least one in the AMA and one outside that have potential.

Vice Chairman Flannery said his only comment is on the \$52,000. He asked if that is readily available and has it been budgeted for this.



Mr. Muccillo said on page 11, which is the other half of this agenda item. He said in anticipation of that question page 11 contains a budget projection worksheet through the end of the fiscal year. He said they have summarized all of the tasks and projected money to be spent by 2009 and the \$52,000 certainly fits into that.

Chairman Fann said \$52,000 is a lot of money in this day and age and asked if the money is going to be spent gathering existing data or is it going to create new information that is not available to them today.

Mr. Muccillo said he would argue that it is going to do the latter. He said beyond steps one through three they are talking about developing detailed site plans for potential source water capture and measurement on those specific sites. He said this information could not exist.

Member Springer asked who the project management team is.

Mr. Muccillo said he and Rick Shroads.

Member Springer asked over what period of time this is going to be.

Mr. Muccillo said 20 weeks.

Member Springer stated it will take the Program Management Team five months to do this and then asked if they want to pay her \$52,000 because she could do it a lot faster.

Member Wilson said he assumes they have a work break down structure and everything else he would find in a detailed project plan.

Mr. Muccillo said yes, they do.

Chairman Fann said she does not want anyone to take what she is going to say personal because she thinks Burgess & Niple is a wonderful company that does excellent work and that Ed and Rick have always represented the Coalition very well. She asked they do not have a competitive bid on this so with all due respect how does the Board know \$52,000 is a good price for what they going to get in the end.

Mr. Muccillo suggested that he bring an hourly estimate by task of what each of the individual eight scope items will be. He said the hourly rates are the normal hourly rates in their contract and there has been no increase over last year.

Chairman Fann said this is totally out of her field of expertise and that she would not know if this task would take \$52,000 or more or less. She said that is one of the reasons when they are dealing with public money to make sure the taxpayers are getting a fair price and asked how can that be accomplished.

Mr. Muccillo said they have talked to the TAC members about this, who deal with consultants much more routinely and the Board could talk with the members more about this.



Member Wilson said he would like to hear from the TAC. He said if the Board looks at this as an overall item on their plate this is very important and in the long view he thinks they need to do this. He said he would like to hear what the TAC has to do to substantiate the consultants' work breakdown structure.

Mr. Munderloh said regarding the comments on the competitive aspect he reminded the Board that when the Board hired Burgess & Niple the firm went through a competitive process. He said they went through an RFQ and the selection process which included hourly rates and capabilities. Mr. Munderloh said one of the reasons the Coalition structured the contract the way they did is that they wanted to have a firm capable of more than program management so that in fact every time the Coalition has a project like this they would not have to go out to bid. He said because the umbrella bid was competitive so the Coalition does not have to go out to bid for every single thing that is done.

Chairman Fann said she agrees with that because having to go out every single time costs the taxpayers' money. She asked about the hours estimated and if the TAC has reviewed the proposal for \$52,000.

Mr. Munderloh said he had not reviewed the estimate.

Mr. Jim Holt agreed and said the TAC had not reviewed the proposal.

Mr. Munderloh said in the grand scheme of things understanding what this task entails, as Mayor Wilson said "a scope of concept" task, is actually fairly inexpensive. He said the task entails quite complex of work, research and development of the concepts in order for the TAC to generate the design data they need for the next phase. He said they do not have that data, nothing specific to this area.

Chairman Fann said she is for the project but she is not comfortable with estimate not being reviewed. She said she would like the TAC to review the proposed cost and also indicate what will be the end product or result.

Mr. Muccillo said that presents an opportunity to talk about TAC members taking on certain tasks. He said he has an overwhelming sense of over-tasking the TAC. He said, for example, if a TAC member says they will do a certain task he has to be sure that the task will get done.

Chairman Fann said the report he has given the Board is pretty general in nature. She said she wants to make sure that the TAC and B&N are on same page. She said he brought up a good point regarding speaking to local landowners about participating as partners on this project and possibly some of the TAC members may have more success than the Program Managers.

Mr. Muccillo said he completely agrees and would love to get the commitment to have assistance from the TAC in accomplishing some of the tasks. He said it would also help expedite the process.

Member Springer said she is still frustrated and was half way kidding and half way serious in her earlier remarks. She said she does recognize the need of have the pilot



program. She said they go on month after month and seem to be accomplishing relatively little for the time and cost invested so far. She said a lot of this could be cut down in terms of work load if they go one step beyond what Mayor Fann just described. Member Springer suggested the Board discuss a few of the issues and narrowing the project down to specifics. She said as an example they could first agree to using non-appropriated water and then determine the scale of a project.

Chairman Fann asked what the TAC is thinking regarding scale.

Mr. Muccillo said at the workshop they all talked about doing this project at the pilot scale.

Member Wilson said in answer to the previous question they need to back up to what the TAC previously presented to the Board, which is mapping of potential good recharge areas, which are aquifer recharge areas rather than rooftops.

Member Springer said not necessarily because they could also look at big box stores in the area where recharge is possible, such as the area around the Costco store. She said it has been left so broad that it could be studied forever and asked if that is wasting time unnecessarily. She asked if the focus is narrowed at the Board level would that help.

Mr. Muccillo said it would and asked what the best mechanism to do that is.

Member Flannery said that would not necessarily require a pilot program but could be by ordinance.

Member Springer said it would not be by ordinance. She asked what would be wrong with going to Costco and asking them to partner on that project as a pilot program to demonstrate the amount of capture.

Member Wilson said the investigation done by the City of Prescott has done on rainwater capture from large commercial buildings indicates that the star in doing that in the state of Arizona is Tucson. He said he has spoken with the councilman there who has agreed to come up to Prescott and talk with them about that. He said Tucson has ordinances to do that. Member Wilson and rainwater capture on large commercial structures is much more amenable to doing it when the building is built similar to installing sprinklers. He said it much more expensive to retrofit the building later for rainwater capture. He said from the City of Prescott standpoint their water conservation is already looking at rainwater capture including reviewing the Tucson ordinances with the councilman that was proactive in the effort. Member Wilson said he looks at this effort not focused on rainwater capture after the fact rather looking for areas of land where they can capture water that is legally capturable and is useful for recharge.

Member Springer suggested researching efforts by Sierra Vista and that are as well. She said Maryann Black of the San Pedro group has been extremely successful with some water harvesting programs. She said maybe they should do a couple of different kinds of things, one that involves the ground thing and one that does the water harvesting.

Mr. Muccillo said he does not want to lose the thought about how to get the Board involved and asked what would be an appropriate mechanism to do that.



Chairman Fann asked are they talking about a micro or macro project and if part of the proposed project is to identify recharge areas within the basin that currently have not been identified and may be in the path of future growth/development. She asked if they are looking at what Supervisor Springer mentioned regarding specifics from a micro level. She said this may be done by the Coalition or by members of the Coalition, for example City of Prescott working with Costco to give them a rebate on their water bill in exchange for them installing rainwater harvesting equipment.

Mr. Muccillo said that is a dimension that should be added to the project. He said as far as technology transfer when an inch of rain falls in the parking lot they know they are going to get some number slightly less than an inch available to them. He said with that can go ahead and work with a Costco for implementation. He said that is not necessarily a study. Mr. Muccillo said what is being discussed is if there is going to be a model ordinance in the future based upon the mapping two key elements of that will be cost and effectiveness. He said the TAC discussed big boxes and parking lots evaluations but again that is not anything they need to figure out technologically, rather that is an implementation question.

Member Springer said the direction they are headed may be an incorrect assumption because she does not know the Board has ever decided that the ultimate goal is an ordinance all of the entities buy into. She said she sees several problems with going down the path of ordinances with the first being an intergovernmental agreement. She said IGA's generally contain clauses in these types of agreement that allow entities to opt out whenever they want to opt out. Member Springer said secondly, they are talking about apples and oranges when talking about ordinances in the county and ordinances in the municipality. She said it would be virtually impossible to come up with identical ordinances. She said if this what his goal is, that is not her goal and that her goal is that work cooperatively together to try to come up with projects anywhere that will accomplish this goal to see that those get done.

Mr. Muccillo said he extrapolated that thought based on the Coalition not having the funds to build a bunch of recharge projects that are going to make a difference. He said they need to somehow leverage the member entities and the private community to help with that.

Chairman Fann said the way she envisioned this is something that would be encompassing short range and long range. She said she is looking at the Prescott AMA bowl of water as they all try to reach safe yield as they identify the best recharge sites within that bowl. She said once the areas are identified some may be associated with future growth and need to be addressed through planning. Chairman Fann said in already developed area with potentially good recharge conditions try to implement those immediately.

Member Wilson said his understanding is that is what has already been done with the mapping. He said they have completed mapping of the best potential recharge areas in the area and now they are looking at the technology to make recharge happen. He said these are two separate things and he does not want to confuse them.

Member Springer said the map is in a scale that is difficult to identify in a localized basis.



Member Wilson said with GIS technology it can be blown up.

Member Springer said that was the purpose of having the work done, they have access to the data and asked why aren't they using it.

Chairman Fann asked if in the mapping process they have identified every area already within the AMA and the Big Chino that is conducive to recharge.

Mr. Muccillo said the identified areas are likely conducive to recharge and that each area would still need some investigation.

Chairman Fann asked if the Costco area is identified as good for recharge.

Mr. Muccillo said this is a different approach than what he understood from the workshop.

Mr. Rich Shroads said he presented a handout at the workshop that got into out of the box thinking. He said they believe that recharge and capture is so important here that every drop of water from the clouds is important to legally try and capture. He said one of the things they tried to present to the Board is how to extract water from where it has not been extracted before and how can they maximize capturing it off of a surface. Mr. Shroads said this is more of a technical analysis. He said where to capture is pretty much known and is available in the mapping. He said Costco is the rocky area is not a great recharge facility area. He said they are more focused now on how do they capture from the source with this type of project and then once they gather that water they can transport it and they can recharge it. He said they need to gather it first and that is what this project is all about.

Chairman Fann asked where interviewing the property owners comes in on this.

Mr. Shroads said they want to do two - three sample projects on different types of soils with different types of topographic restraints and they are going to choose different types of properties to do that. He said he has already talked to some property owners and they would like to talk to them about doing specific types of pilot recharge projects on specific types of soil and that is where property owners come into place.

Member Springer said the part that is new to her is the transport, collection and transport. She said she has always thought of recharge as something they would do in the same vicinity as the collection so this is a new thought to her. She said she could see that in City of Prescott they could possibly transport it to a city sewer where it could be recharged through the city's recharge program. She asked how else will water be transported if not in some sort of a pipeline.

Mr. Shroads said transport can happen in pipelines and again these are out of the box ideas as they look into the future. He said with the limited funds they all have they are not going to be able to build a transport system. He asked what if they find out they can extract a whole lot of water out of clay soils by virtue of a method they did not know about previously. He said they could then find the transport method to take that to a permeable area to help make that happen. Mr. Shroads said the other way natural transport already does happen is through natural channels and transport does become a part of recharge.



He said here in this area there are limited recharge areas and the water naturally does transport itself down to those recharge areas.

Member Springer said the problem she has with that is that she does not see the Coalition as being a research and development organization, which sounds like he is more into. She said she would be happy with the old things but she just wants to do them. She said she is not really into developing a whole lot of new stuff when all of this old stuff they are not using is around here and some of it is pretty cost effective. She said harvesting is cost effective and it's proven and if he wants to transport it someplace he can pick it up in a water truck and transport it.

Mr. Howard Mechanic, 309 Bloom Place, said in response to a couple of points the first is what Supervisor Springer brought up regarding possible codes or regulations. He said this was discussed and it could be handled as an incentive, not as a regulation, and he believes that was discussed at TAC but it was not presented that way today. He said it could be an option for new development and not a regulation. He said he does not think it needs be decided at this time it will be a regulation or an incentive. Mr. Mechanic said the other is issue that Mayor Wilson brought up about Tucson's code and that involves capturing rainfall on commercial structures for the use on the property with approximately 50% of their landscaping supported by rainwater harvesting. He said that has nothing to do with recharge and although it is important issue it is not to develop recharge.

Mr. Mechanic said the group has been talking about technology transfer, ideas that may be used by members in their programs in the future. He said the other idea he has heard is that they need projects here in the organization and maybe that needs to be resolved in the near future. He said the organization is to protect the Upper Verde River and to reach safe yield in the AMA. He said if the organization just develops ideas to do that it is not reaching the goal. He said he thinks the organization needs to assure that goal can be reached, not just develop ideas so other people can solve the problem. Mr. Mechanic said the problem needs to be solved here. He said one other issue is that he supports this project to do this but he thinks this is a major program to develop natural recharge sources and this is a small step. He said they are talking about millions of dollars at the end to develop an effective program, not to gather one acre foot of water but to gather thousands of acre feet of water. He said they need to spend \$52,000 to get an idea of how to get from here to there.

Member Springer, in response to rainwater harvesting not being recharge, said it could be recharge. She said her goal is the same and that is to collect every drop of water they can before it gets to a point where it becomes appropriated water and belongs to somebody else.

Mr. Mechanic said he is questioning whether they are mixing that program with this one because capturing off of the rooftops is great but as previously mentioned it may not be near an area that can be recharged. He said his understanding is they cannot put it in the sewer system because watering down the sewage degrades the sewage treatment process. He said they would need a storm water collection system separate from the sewer system.

Mr. Tom Atkins, 309 S. Washington, said the amount of water that falls on the roof can be captured and stored and then used to augment what is needed from city to water



landscape. He said he has done that at his house and he has gone from approximately 100 gallons per person, G.P.C.D., to 23 G.P.C.D. He said if they took all of the residences in the Prescott AMA, approximately 49,000 with about a 1000 square foot roof, 2400 acre feet could be collected.

Member Springer said she agrees and they have generally come to the conclusion that approximately 50% of water usage in most homes is for outdoor watering.

Member Wilson said his problem with the 49,000 houses is how to get residents to do that. He said he does not think they can put in a regulation; if they raise the cost of water high enough they will get a voter revolt; and what is the cost of doing that. He said it sounds good on the surface but he thinks they need more analysis than just that sound bite. Member Wilson said he is in favor of the pilot recharge study project.

Vice Chairman Flannery said he does not have any real big heartburn about it but he has no objections if they want to send it back for clarification. He said there is merit in developing two pilot programs, one for the already developed property and one for raw acreage.

Mr. Muccillo said he said he is not sure he supports the scope anymore based on the feedback he has heard today, which sounds different than it did in November. He suggested they retailor the scope to have less of a focus on research and development, although he does not agree that R&D is not at all in their charge. He said he thinks they can have a dual purpose to this.

MEMBER WILSON MOVED TO APPROVE HAVE THIS AGENDA ITEM SENT BACK TO THE TAC FOR FURTHER STUDY AND TO RETURN IT TO THE BOARD AT THE NEXT MEETING, LOOKING AT ALL OF THE DIRECTIONAL OPTIONS DISCUSSED BY THE BOARD; SECONDED BY VICE CHAIRMAN FLANNERY; PASSED UNANIMOUSLY.

Member Springer said having gone through similar discussions numerous times there is a great deal of expertise and communication that goes on at the TAC meetings that is not necessarily shared with the Board. She said she has the sense they are becoming more of a rubber stamp and not fully discussing some of the issues. She said rather than having the TAC come to the Board to approve a program it is more beneficial to the public and the Board to have discussions like this one today. She said she would like to encourage more discussion on the Board level because that is where they get the sense of what they as a Board would like to accomplish.

Mr. Muccillo said he appreciated the input and asked if this is the only appropriate forum for that.

Member Springer said she believes it is because it needs to be a public forum.

Chairman Fann suggested if it is a big topic they can schedule a special study session to discuss one topic thoroughly.

Mr. Muccillo said he may want to do that, particularly on this topic.



ITEM NO 8. Discussion – Water Conservation Implementation Update

Mr. Muccillo said one of the key things about this topic is that the City of Prescott has obviously done quite a bit with Ms. Shaun Rydell and water conservation. He said they knew approaching this they need to coordinate or consult with her or even involving her. Mr. Muccillo said Ms. Rydell has already waded through a lot of the information and developed a lot of really solid programs that they want to capitalize on and regionalize. He said he had a really good meeting this morning with her, Mr. Jim Holt, and Ms. Connie Tucker from the City of Prescott to discuss options and arrangements of how to incorporate Ms. Rydell's expertise. He said they will be working with Ms. Rydell in some capacity yet they are very sensitive about not wanting to duplicate efforts and money invested. Mr. Muccillo said in regards to Water Smart Cards, radio and things like that that are part of the initial water conservation program they addressed the importance of not overlapping efforts.

ITEM NO 9. Discussion & Possible Action – Draft Letter to ADWR

Mr. Muccillo said the TAC is proposing a letter be sent to ADWR to basically determine the status on their efforts to estimate of natural recharge on a long term basis. He said some of the comments that have come to him since the agenda was posted include softening the request and to be sensitive to the budget issues ADWR is facing as well. Mr. Muccillo distributed a revised handout of the draft letter.

Vice Chairman Flannery said the last sentence is inappropriate. The Board agreed to revise the last sentence to read something like the following: "We certainly appreciate the financial constraints being imposed on your department at this time however any assistance you can give us in this matter would be greatly appreciated. This may or may not be immediately fulfilled but we look forward to this response."

Chairman Fann said she generally does not like to write a letter that says "you" unless she is trying to get a direct point across. She suggested in revising the letter to say "*In previous correspondence (attached) dated December 10, 2007, it was mentioned...*"

The Board agreed that the revised letter would be signed by Chairman Fann.

VICE CHAIRMAN FLANNERY MOVED TO APPROVE THE LETTER BE REDRAFTED WITH SUGGESTED AMMENDMENTS, TO BE SIGNED BY CHAIRMAN FANN, AND THE SENT TO ADWR, IN CARE OF HERB GUENTHER; SECONDED BY MEMBER WILSON; PASSED UNANIMOUSLY.

ITEM NO 10. Discussion – Next Meeting Time / Location / Agenda Items

Mr. Muccillo said the next Board meeting is March 25, 2:00 p.m. at City of Prescott City Hall. He said they will have one of three topics at all of the meetings - the recharge, water conservation, and grants. He said he may want to have a study session at the March meeting once the TAC has prepared a more focused scope to bring to the Board. He said this a key issue and they want to make sure they are on task.

Member Wilson said this issue is crucial in his mind.



Mr. Muccillo said they cannot offend him on this and he welcomes their direction.

Chairman Fann asked if they have a special meeting on the recharge project, what their preferred time is.

Member Wilson suggested they schedule the workshop prior to the regular meeting as they do in the City of Prescott.

Member Springer said it is always easier to have the meetings all in one day.

Mr. Muccillo said he could have lunch brought in if they like and have a working lunch.

Chairman Fann suggested possibly from 11:00 a.m. to 1:30 p.m. and then have the regular meeting at 2:00 p.m.

Member Springer asked Mr. Muccillo and Mr. Shroads to have a list of types of projects they are talking about that include some of the standard ideas and a few new ideas.

Member Wilson said the mapping scaling was too small and requested they have a GIS map scaled larger so they can actually see the areas they are talking about.

Chairman Fann said at the November meeting they had discussed her not coming back after June 2009. She asked if there is anything in the IGA or other documents that indicate when they should have elections.

Mr. Muccillo said there are no specifics regarding the Board officers or elections.

Chairman Fann said she talked to her council and they do not want her to leave. She said she promised them she would stay on until the changing of guard in June. She asked the Board if they want an agenda item regarding this subject for the next meeting or do they want to hold off another couple of months.

The Board agreed to hold off the election until May's agenda.

Chairman Fann suggested the Board possibly have their officer elections in May due to elections in the Town of Prescott Valley and the Town of Chino Valley being completed by then each year.

One of the guests asked for a response to the Pipeline Position Statement.

Chairman Fann said from her perspective the pipeline really is not a coalition issue, rather their issues are protecting the Upper Verde River and reaching safe yield as a joint body. She said regarding pipelines they are a concern of Prescott, Prescott Valley, possibly Chino Valley and other municipalities that may step forward in the end. She suggested those are the individual entities the group should be addressing regarding specific pipeline projects. She said as a Board they have no authority over that pipeline.

Member Wilson said he concurs with Mayor Fann and that he will be speaking at CWAG on Saturday, March 14, 2009.



Member Springer agreed.

Vice Chairman Flannery and the other Board members agreed it was good to hear the presentation and view of the group supporting the Verde River. He said in terms of having any say and responding to the proposal it is up to the individual organizations directly involved.

Member Springer said the group made their point that they want to keep the Verde a live river and said so does the Coalition.

Meeting adjourned 3:43 pm

MAYOR KAREN FANN, Chairman

ATTEST:

LORRI CARLSON, Administrative Assistant