



# Agenda

DATE 3-8-12 TIME 9:37am

SERVED BY Laurie Trevizo

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## SANTA FE WATER CONSERVATION COMMITTEE MEETING

CITY HALL - 200 LINCOLN AVE.

CITY COUNCILOR'S CONFERENCE ROOM

TUESDAY, MARCH 13, 2012

4:00 PM TO 6:00 PM

1. CALL TO ORDER
2. ROLL CALL
3. APPROVAL OF AGENDA
4. APPROVAL OF MINUTES FEBRUARY 14, 2012 WATER CONSERVATION COMMITTEE MEETING

### DISCUSSION ITEMS:

5. REQUEST FOR APPROVAL OF RESOLUTION NO. 2012-\_\_\_\_\_. A RESOLUTION DIRECTING STAFF TO AMEND CITY WATER CONSERVATION INCENTIVE PROGRAM POLICIES, PROCEDURES AND THE CITY'S WEBSITE RELATING TO WATER CONSERVATION DEVICE REBATES SO THAT SANGRE DE CRISTO WATER CUSTOMERS ARE GIVEN OPTIONS FOR PROVIDING PROOF OF PURCHASE OR TRADE FOR WATER CONSERVATION DEVICES THAT QUALIFY FOR A REBATE. (Brian Snyder) (Councilor Bushee)

PUC - 3/7/12  
WCC - 3/13/12  
FC - 3/19/12  
CC - 3/28/12

### INFORMATIONAL ITEMS:

6. UPDATE ON WATER ENERGY NEXUS CALCULATIONS FOR SANTA FE. (D.H. Strongheart)

### MATTERS FROM STAFF:

7. UPDATE ON CLIMATE CHANGE WORKSHOP (Laurie Trevizo) (Claudia Borchert)

### ITEMS FOR NEXT AGENDA - TUESDAY, APRIL 10, 2012:

### ADJOURN.

Persons with disabilities in need of accommodations, contact the City Clerk's office at 955-6520, five (5) working days prior to meeting date.

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Tuesday, March 13, 2012

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**MINUTES OF THE  
CITY OF SANTA FE  
WATER CONSERVATION COMMITTEE  
Tuesday, March 13, 2012  
4:00 p.m. to 6:00 p.m.**

**1. CALL TO ORDER.**

A meeting of the Water Conservation Committee was called to order by Councilor Christopher Calvert, Chair, at approximately 4:00 p.m., on March 13, 2012, in the City Councilor's Conference Room, City Hall, 200 Lincoln Avenue, Santa Fe, New Mexico.

**2. ROLL CALL**

Roll call indicated the presence of a quorum as follows:

**MEMBERS PRESENT**

Councilor Christopher Calvert, Chair  
Melissa McDonald, Vice-Chair  
Tim Michael  
Grace Perez – telephonically  
Giselle Piburn  
Doug Pushard  
Karyn Schmitt  
D.H. Strongheart  
Stephen K. Wiman  
[Vacancy]

**MEMBERS EXCUSED**

Lise Knouse

**OTHERS ATTENDING**

Dan Ransom, Water Division  
Laurie Trevizo, Water Division  
Peter Ives, Chair Designee  
Peter Balleau, invited member of the public  
Melessia Helberg, Stenographer

There was a quorum of the membership in attendance.

## 2A INTRODUCTIONS

### Introduction of new Committee Chair

Chair Calvert introduced newly-elected Councilor Peter Ives. Chair Calvert said he believes the Committee can use some "new blood" and some new leadership, and he will be stepping down, and Councilor Ives will be chairing the Committee beginning in April 2012. Chair Calvert said he has served on the Committee for 8 years, 6 years as Chair. He said this appointment is subject to Council confirmation on Wednesday evening.

Ms. McDonald thanked Chair Calvert for all of his work he has done on the Committee and said his perspective will be missed.

Chair Calvert said Councilor Ives will step into the position ably, and bring fresh perspective, new thoughts and openness, and believes he will be a welcome addition to the Committee.

Chair Calvert said he has enjoyed working with the Committee, and for the most part, we have had a very constructive and productive group, and knows that tradition will continue. He said the Committee is committed to the same purpose as he is and it will continue to be a productive group.

Chair Calvert said Councilor Ives is unable to stay for the entire meeting, and suggested at the next meeting, the members introduce themselves and speak about their background, area of interests and the perspective you bring to the Committee.

### Introduction of guest

Mr. Wiman introduced an invited guest, Peter Ballou a hydrologist, noting he attended a Climate Change Workshop last week and is very interested in water issues.

## 3. APPROVAL OF AGENDA

**MOTION:** Giselle Piburn moved, seconded by Doug Pushard, to approve the agenda as presented.

**VOTE:** The motion was approved unanimously on a voice vote.

## 4. APPROVAL OF THE MINUTES: FEBRUARY 14, 2012, WATER CONSERVATION COMMITTEE MEETING

**MOTION:** Doug Pushard moved, seconded by Grace Perez, to approve the minutes of the meeting of February 14, 2012, as presented.

**VOTE:** The motion was approved unanimously on a voice vote.

**DISCUSSION ITEMS:**

5. **REQUEST FOR APPROVAL OF RESOLUTION NO. 2012- \_\_\_\_ . A RESOLUTION DIRECTING STAFF TO AMEND CITY WATER CONSERVATION INCENTIVE PROGRAM POLICIES, PROCEDURES AND THE CITY'S WEBSITE, RELATING TO WATER CONSERVATION DEVICE REBATES SO THAT SANGRE DE CRISTO WATER CUSTOMERS ARE GIVEN OPTIONS FOR PROVIDING PROOF OF PURCHASE OR TRADE FOR WATER CONSERVATION DEVICES THAT QUALIFY FOR A REBATE (COUNCILOR BUSHEE). (BRIAN SNYDER). PUC 03/07/12 (scheduled); WCC 03/13/12 (Scheduled); FC 03/19/12 (scheduled); and CC 03/28/12 (scheduled)**

Chair Calvert said the title "says it all."

Mr. Pushard asked, with regard to Item 3, "trade for professional services," if this is sufficiently clear, and asked what this would do.

Rick Carpenter said overall what they are trying to do is to encourage conservation, in part, by offering rebates. He said staff wants to eliminate possible abuse as well as to facilitate rebates. He said this Ordinance seeks to strike a balance. He said, with regard to professional services in trade, this is to ensure that the professional services are provided and are of comparable value, which the affidavit seeks to validate. He said both the Water Division Director and the Assistant City Attorney are satisfied that the system of affidavits will provide that layer of protection to the City.

Mr. Pushard said he isn't worried about that, but he is interested in what is a trade for professional services in terms of rebates.

Mr. Carpenter said a good example is, an individual provided marketing and professional services selling rain barrels, and got a rain barrel in exchange. He said no bill was presented because it was a trade.

*The Board commented and asked questions as follows:*

- Ms. McDonald asked why the person didn't just submit a bill. She said how they accept payment has nothing to do with the City. She said it's fine if it protects the City, but it does seem ridiculous.

Mr. Carpenter said this is done in the event there is no bill, and there was an agreement to trade.

- Councilor Calvert said his issue is that no one is paying GRTs on the amount involved. He said it is almost endorsing something that short-changes the citizens from an equal obligation.

- Ms. McDonald said she agrees, commenting she isn't trying to block approval. Ms. McDonald said she does trades all the time, and she accepts the trade, gives them a bill and keeps trade based on how much she "spent out." She said it isn't incumbent on the City to report it to the IRS unless it exceeds \$600. She doesn't understand why these people can't submit a bill. She said the City isn't in charge of ensuring the trade is reported to the IRS, noting the person can choose not to report it to the IRS and doubts if the IRS would come after someone for failure to report a rebate. She said it seems crazy to go through all of this if it isn't being reported to the IRS.
  - Mr. Pushard said, notwithstanding the IRS, it is also cheating the City because no one is paying the GRTs in the trades.
  - Chair Calvert agreed, saying they bypass the whole system. He said, as a matter of practice, he doesn't necessarily like the 3<sup>rd</sup> provision, and also wonders how often this would happen. He doesn't see Sears doing a barter for a washing machine, for example, nor Baillio's. He can see it coming into play on the example, but questions whether we want to endorse something actively which really shortchanges the City and isn't fair to the rest of the citizens in terms of "pulling your weight and paying your fair share."
  - Ms. McDonald said she believes this could be dealt with on a case-by-case basis as a special circumstance, commenting the City shouldn't be requiring more than the invoice. She said the person can write paid on the invoice, commenting it's not up to us to decide how they pay it. She said it is an interesting thing to put in the Ordinance, but said once it is included here, it's going to show up elsewhere.
- Mr. Carpenter said that is a good point and something to think about. He said the existing Ordinance requires a receipt. He said this individual approached the City for a rebate for a trade, and it was denied by that office, because he had no invoice. He noted this was scheduled to be heard at the Public Utilities Committee last week which was cancelled. He said this is the first Committee to consider this ordinance.
- Ms. McDonald said this should be looked at more closely, saying there is no reason you can't get a receipt, and it seems the City is "bending over backwards" for one specific case.
  - Chair Calvert said in a trade for services, one person would issue a bill and the other would issue a receipt for a washing machine, for example, saying this is payment. This would be evidence that the machine actually was purchased, although we have no proof that it was installed.
  - Mr. Pushard talked about how an assignment of rebate to another person could be done.
- Mr. Ransom said that can't be done because the rebate goes on the water bill. He said they don't have the resources to do a check. Also, if the person owes the City money, we shouldn't be paying a rebate to them. He said the current system works really well, reiterating they don't have the capacity to do rebate checks.

- Mr. Pushard asked what happens with a trade if one of the parties live in the County, how does the County resident get payment.
- Mr. Michael said an affidavit is a sworn statement before a Notary and questioned whether people would do that.
- Chair Calvert said the reason for the affidavit is an effort to prevent fraud.
- Ms. McDonald said she likes trades, but is concerned this will create more problems than it's worth, commenting it is very confusing.
- Chair Calvert said the reason for requiring an affidavit and a photocopy of the bill, is because 5 people could make a photocopy of a bill and use it to get a rebate. He said this is perhaps another step to make them stop and think about fraud. He said in Item #3, it's easier because you don't have to have a copy and can provide an affidavit.
- Ms. McDonald questioned why someone doing something "out of the norm," would pass it to 5 others to do the same. She said this seems like a lot of thought for a simple solution.
- Chair Calvert said, in his experience, someone is always trying to beat the system one way or another.
- Mr. Pushard agreed. He said he is comfortable with the Ordinance except #3, and would prefer to have it deleted from the Ordinance.
- Chair Calvert asked if could be modified.
- Mr. Pushard said he would have to see the modification, commenting he doesn't know how it could be modified.
- Responding to the Chair, Mr. Pushard said then what the Chair is suggesting is, in the case of a trade for professional services for a water conservation device, they must submit a receipt and an affidavit.
- Chair Calvert said if they can provide an original receipt, there would be no issue and wouldn't need an affidavit. He said they could provide a receipt governed by Items #1 and #2.
- Chair Calvert said his recommendation would be to refer the ordinance back to the PUC before it is considered by the City Council, for further clarification on Item #3.
- Ms. Trevizo asked if there is concern about the warranty, noting that all of the suppliers in Santa Fe keep everything electronically, and you can file your warranty almost instantly, and there is no need for an original receipt because it's all electronic.

- Ms. McDonald said it's not a bad thing to require an affidavit if people want to submit a photocopy of the receipt, noting an affidavit can be done at an individuals place of banking.

**MOTION:** Doug Pushard moved, seconded by Tim Michaels, to refer the proposed Ordinance back to the Public Utilities Committee for clarification of Item #3 on the Legislative Summary because the Committee is uncomfortable with #3 as currently worded.

**VOTE:** The motion was approved unanimously on a voice vote.

Chair Calvert said this item is on the Council Agenda tomorrow night, and the Council isn't bound by that recommendation, but he will certainly try to get it referred back to the PUC before being considered by the Council.

### **INFORMATIONAL ITEMS**

#### **6. UPDATE ON WATER ENERGY NEXUS CALCULATIONS FOR SANTA FE. (D.H. STRONGHEART)**

A copy of *Preliminary Examination of the Water/Energy/Climate Nexus in Santa Fe* prepared by D.H. Strongheart, is incorporated herewith to these minutes as Exhibit "1."

Mr. Strongheart said he wanted to skim the surface before doing in-depth research, so he started with something general until he could discuss it with this Committee.

Mr. Strongheart said Nick Schiavo and Craig O'Hare at the County both expressed interest in having clear data about the electricity footprint in the production of water and how that plays into our "burgeoning commitment to at climate change in the water conservation strategy." He will be meeting with Mr. Schiavo on Friday, and he wanted to talk with the Committee with regard to their thoughts on the role the Water Conservation Committee might play in public outreach in looking at the water/energy nexus.

Mr. Strongheart reviewed the information in Exhibit "1." Please see Exhibit "1" for specifics of this presentation. He noted it was difficult to find hard data at the City level regarding exact percentages of electricity and exact use in different sectors.

Mr. Strongheart noted on page 2, the Four Corners plant utilizes effluent from Palo Verde, not Phoenix.

*The Committee commented and asked questions as follows:*

- Responding to Mr. Michael, Mr. Strongheart said this is the overall mix of sources from PNM's, and he read articles on the City's use, and mirrored that exactly to get the mix.



- Mr. Pushard said the 62% is from Four Corners and 19% from Palo Verde.
- Mr. Strongheart said the 62% from San Juan is the majority of the coal generated electricity.
- Mr. Pushard asked if these are factual numbers, and Mr. Strongheart said that comes from PNM's Annual Report.
- Chair Calvert said we get our power from PNM, but we don't know the source.
- Chair Calvert said, with regard to the statement that, "On average, 2 gallons of water are used for every kWh of electricity generated," Mr. Strongheart might want to expand on that. He said he doesn't believe that is the case for all three sources, and believes more water is used generating nuclear power, depending on whether they have water or air cooled turbines.
- Mr. Strongheart said it is his understanding that they use water to cool the pipes which is utilized both by nuclear and coal generated electricity.
- Chair Calvert said to make the statement more clear, each one isn't two gallons per kWh, some are more and some less.
- Mr. Pushard asked if we get any power from the Peabody Plant in the Four Corners area.
- Chair Calvert said that is Arizona Power and PNM owns a part of it, but most of that goes to Arizona, Los Angeles and places west.
- Mr. Pushard said the problem there is that it is a slurry power plant and uses more water to generate electricity.
- Chair Calvert said he isn't trying to disagree, but at some point in the discussion we will want to go more in depth on the average and the components of the mix and what does use lots of water and does not use a lot of water. He said if you look at just the generation that is one thing, but if you look at the life cycle cost, then that becomes more difficult.
- Chair Calvert said Four Corners is going to be shutting down 3 generators, noting this is part of a negotiated settlement, and San Juan will be the bigger of the two, so the emissions will go down significantly.
- Mr. Pushard said according to Resolution 2007-2, Santa Fe is supposed to be a carbon neutral City by 2012. He asked if we are counting water today in our carbon neutral evaluation. He asked, when Ms. Mortimer presented the document striving toward being a carbon neutral City, if she included anything on the CO<sub>2</sub> footprint of water.

- Mr. Strongheart said there's nothing in the plan about the water/energy nexus, and it is relevant. The plan is very broad even though the mandate to the Sustainable Santa Fe Commission is fairly specific, noting the water/energy nexus is very close to that mandate.
- Chair Calvert said, since we are using electricity from San Juan, which is a source for the Buckman Direct Diversion, that makes it more relatable to the City.
- Responding to Mr. Strongheart's second question in Exhibit "1," Ms. McDonald said, at a minimum, the information should be put on the Water Conservation website, and it also could be incorporated into the community presentations. She said if we can't put all of the information at the website, we could refer people to the Water Conservation website to get more information.
- Chair Calvert said it is important to inform the public about the relationship between energy and water, and when they are conserving electricity, they also are conserving water and how it is related to our sustainability in terms of our water sources. He said this is another reason to conserve electricity as well.
- Mr. Strongheart said we should let the public know about these inter-relationships in times of water shortages.
- Chair Calvert said, to take this full circle, we need this kind of information, as well as how much electricity it takes the City to produce water for consumption in the City. He said the electricity used carries a water price. He said the City is the biggest energy user in the City in producing water. He said this is another reason to conserve water. He said it is a cycle of interrelated things which need to be explored.
- Mr. Strongheart said he made calls, but was unable to get information from the BDD.
- Mr. Carpenter said he would offer information on the amount of power we use to produce water.
- Mr. Pushard said he has last year's numbers he can provide to Mr. Strongheart.
- Mr. Strongheart said he heard something about a water/energy conference two years ago, and Ms. Mortimer told him footprint calculations were a part of that.
- Ms. Trevizo said there were different tracks, and she was on the water track, so she didn't see some of the other presentations.
- Mr. Pushard said he can get this information for Mr. Strongheart.
- Ms. Piburn said she would like to see if there is a way to integrate this information into the presentation. She asked if there is room to mention this to the public in the water billings.

- Chair Calvert said there not enough room to explain it. He said the website seems to a better way to do this because there is plenty of space to cover topics such as this one. He said the water bills are used for more immediate overall issues versus a specific topic.
  - Ms. Piburn suggested a message on the bill telling people to check the website.
  - Ms. McDonald said she has gone to websites where people can do a questionnaire, for example, to calculate energy use, commenting this is far in the future for Santa Fe. She said we could equate, for example, dishwasher use with how many times you use the washing machine, or how often you irrigate. She would like to see this interface in a questionnaire. She suggested offering an incentive to get people to do it, such as a water timer. She said we need to help the average person to become more interested in these issues, noting it is a big leap for the average person to get there, and we could do little steps to introduce this to the public.
  - Chair Calvert said the item in Exhibit "1" about the electricity use equating to an additional 71 gallons of water per day, almost doubles the average residential water use. He said most people are aware of the relationship between energy use and greenhouse gasses, but it wouldn't hurt to give people that little tidbit of information.
  - Mr. Strongheart said a lot of the reports acknowledged the water/energy/climate nexus which is significant to include in long range climate change projections.
  - Chair Calvert said some people/groups are concerned about water in terms of sustainability, while another camp of people are concerned about energy and greenhouse gas emissions, and tend to focus in a sort of silo fashion on that one issue, and there isn't a lot of interplay between these groups. He said it is helpful to remind people of how interrelated these are, especially with certain kinds of power, commenting that it makes certain arguments even more powerful. Chair Calvert said people catch on quickly, and it's not rocket science to connect the two.
  - Ms. McDonald said people just don't think or know about the water/energy nexus. She suggested perhaps we might integrate something into the Water Fiesta for kids.
  - Chair Calvert said it would be good to do that, commenting that in many cases, kids end up teaching their parents about these issues.
- Mr. Ransom said Committee members are welcome to put together a presentation for the Children's Fiesta, commenting it is a possibility this year. The event is scheduled April 11-12, 2012. He said hands-on presentations with kids work great.
- Ms. Trevizo said if people would like to present, she needs to know very soon. She said they have done some research on whether there is a 4<sup>th</sup> grade appropriate activity which does relate water to energy. She said currently there isn't a curriculum or document which is designed to teach 4<sup>th</sup> graders.

Ms. Trevizo said the Albuquerque/Bernalillo Water Authority made a video on the water/energy nexus called *The Power Couple*. It is about water and energy which are dating and how they relate to each other. She said it is a cute and pre-teen appropriate video which gets the point across, with an accompanying teacher activity guide. She said they drew a map of New Mexico, or taped a Map of New Mexico on the floor and related how people can trade energy for water and how they barter. It is appropriate for a one-hour discuss. She said it is important to convey that energy has a value and water has a value and they aren't free, nor as readily available as people think they are. She said keep these things in mind when designing a presentation.

Ms. Trevizo said with regard to the Water website, beginning March 31, 2012, you can pledge things in response to the Mayor's Wyland challenge. She said at the end, you get the savings numbers for both energy and water for the pledges you make.

Ms. Trevizo said they definitely want the schools to be involved in the Mayor's Water Challenge.

- Chair Calvert thinks this is worth examining in terms of future programs. He said kids are impressionable and take these things to heart, and take it home to the parents.

Ms. Trevizo said the professional educator with the Albuquerque/Bernalillo Authority is working on a presentation at the 4<sup>th</sup> grade level right now, and when she finishes it, she is going to ask to use it for the Water Fiesta.

- Mr. Strongheart asked if there are pro-active things the Committee can do through our shared interest with the County, such as bringing something to the Council and the County Commission.
- Chair Calvert said he is unsure what they would like to bring forward, commenting that the City has no jurisdiction over PNM, that lies with the Public Regulation Commission.
- Ms. McDonald said there is an annual Science Fair, and suggested there could be an added incentive, such as a kid would get \$100 to do a water/energy project to look at these issues.
- Councilor Calvert said there might be rules that would prohibit doing that.
- Ms. McDonald agreed, but said we should look into who governs it.

Ms. Trevizo believes it is the Science Alliance, and said the City has a partnership with the Santa Fe Alliance for Science for teachers and students as well. She said our primary contact with the schools is the Math/Science coordinator. She said, "I have asked that question, and they said they don't want to inhibit their creativity in thinking of science, so we can't impose a topic on them." She said it might be good to think about posting a teacher workshop on water/energy usage and provide the curriculum and a copy of the video from the Authority so they have some background to "take it home for their students." She said we could do 3 hours in the morning with a light breakfast and coffee and show them the materials.

- Ms. McDonald said this is a good way to get more kids interested in this issue.
- Mr. Strongheart asked the Committee to let him know if they have additional ideas. He said it sounds as if we have the public and school based education pieces, which are two ways to inform people about this. He asked if he came to the Water Office with materials, if those could be run through some of the existing programs.
- Ms. Trevizo said, "We could talk about it and try to figure it out. I don't exactly know what you're asking."
- Mr. Strongheart said he doesn't either, and Ms. Trevizo said when he figures that out they can visit on it.
- Chair Calvert said, for example, if Mr. Strongheart developed a program which was appropriate for the grade level, it could be presented at the Water Fair. He said Mr. Strongheart needs to be specific and have the program ready to go.

Ms. Trevizo said, at some point, the City could look at Codes which are creating situations, which at times are excessive, but that's something that's bigger than this Committee.

- Ms. McDonald said many of the Codes are written by contractors, and they aren't always reasonable here.
- Chair Calvert said they look at performance criteria for things like lighting, and the City would prefer people use the most energy efficient lighting.
- Ms. McDonald said she likes the performance criteria, but she thinks there should be established parameters for the City to consider it favorably.
- Chair Calvert said those things need to be in the commercial portion of the Green Building Code which is being worked on. He said there would need to be a basis for any incentives.
- Ms. McDonald said she understands, and suggested perhaps a point system could be used to reward energy reduction in that way, and asked if that is being developed.
- Chair Calvert said he hasn't seen it, so he doesn't know.

Mr. Ransom said he doubts that is the case.

- Chair Calvert said, like residential, there is a certain energy requirement, and if they can fit that in and still meet the requirements, that is an option, commenting we don't want to be proscriptive on everything. He said we are trying to give them an overall goal.

- Mr. Pushard said Phoenix tried the opposite approach, dictating how much energy could be used down to the subsystem level, and that was thrown out by the Courts.
- Chair Calvert said Albuquerque ran into problems with HVAC equipment requirements.
- Ms. McDonald said perhaps this is too big to tackle right now, but there needs to be a way to communicate that this is important to the bigger commercial ventures.
- Chair Calvert said at some point, even in the big box stores, the economics will make sense to them, and they will see they can save money over the long term, as well as operation and maintenance expense for changing out bulbs and such.
- Mr. Pushard said two meetings ago, he understood Mr. Strongheart to ask about Committee input into the revisions they are looking to do to the Sustainable Santa Fe Plan.
- Mr. Strongheart said Kim Shanahan is leading an effort to Green the Development Code, and several meetings ago he suggested to this Committee that perhaps this Committee could look at the landscaping dimension of that, and the water side.
- Mr. Pushard asked who is doing this.
- Mr. Strongheart said Kim Shanahan is on the Sustainable Commission and is leading this effort.
- Chair Calvert said the Development Code is different from the Building Code. He said the Development Code is about how things are sited on a lot.
- Mr. Pushard said there is a Sustainable Santa Fe Plan, last updated in 2009, so he is unsure that is going forward for revision. He said there is also the Development Plan being worked on by Mr. Shanahan which is independent of the Sustainable Plan. He said there is also the Residential Green Building Code in which water is the least important category of all the categories in the Green Building Code. He asked how these things interrelate.
- Chair Calvert said he doesn't believe water is the least important category. He said in the latest revisions to the Green Building Code done a month ago, certain features were eliminated and water wasn't one of those. He said the focus of the Green Building Code is primarily on reducing greenhouse gas emissions, although that definitely is the focus of the Sustainability Plan.
- Mr. Strongheart said it is nominal.
- Chair Calvert pointed out that things such as the Green Building Code weren't done by the Sustainable Commission, although it is somewhat included in its analysis of the results. The Commission is reporting on the progress on a community-wide basis. He has always asked for focus and accomplishments in the Sustainable Plan. He said it is one thing to come up with a plan, but it is another to implement the plan and show the results. He believes it is important to

choose one thing and show some results, otherwise it is just a plan, and we have lots of those sitting on shelves at the City. He said one of the reasons the Sustainable Commission was reconstituted was to include direction for implementation as well as a plan.

- Mr. Pushard asked if we should spend time on the Development Code, or amendments to the Sustainable Plan, or any one of the other Plans.
- Chair Calvert pointed out that, for example, in looking at the Development Code, City staff would have to be involved. He said, "We have a Development Code. It's called Chapter 14 basically, and it's just gone through a major revision, not necessarily for these types of things, but to simplify, clarify, get rid of contradictions and so on, like that, to make it more usable and consistent. But, none of these things are static and they're always meant to be updated – constantly looked at and revised."
- Councilor Calvert said unless there is a specific group looking at the Development Code, he wouldn't think the Sustainable Commission would be able to make that happen on their own. He said Ms. Mortimer is the liaison to the Sustainable Commission, but she is also "the keeper of the Green Building Code," and has to do many things.
- Ms. McDonald said it seems as if the Green Building Code is the best place to have any impact, if you're looking for a place of focus.
- Chair Calvert said the Green Building Code is about green buildings and not necessarily about the site which is where the Development Code comes in – subdivision layout and such. He said there is some overlap, but these are distinct.
- Ms. McDonald asked if Ms. Mortimer is involved in the Development Code.
- Chair Calvert said he would think so, commenting that he doesn't know the status of the discussion, for example citing the Green Building Code for energy efficiency.
- Mr. Strongheart said there is a subcommittee of the Sustainable Santa Fe Commission working on this, and they had to wait for the revisions just referenced by the Chair. He said the culture changed dramatically when the previous Chair left, noting the new Chair is very focused in being pro-active. He invited the Committee to attend a meeting.
- Ms. McDonald said we should have better luck with water/energy nexus. She said the Sustainable Commission came to this Committee previously asking for input, and the Committee mentioned the water/energy nexus.
- Mr. Pushard said one of our tasks is to provide input on the Code and recommend changes.

- Chair Calvert said the Sustainability Plan basically incorporated what this Committee does, and they have ceded a lot of responsibility in that area to this Committee. He said there are plenty of other things to do in terms of sustainability development.
- Ms. McDonald said she believes we can have input on the Sustainable Plan, but this Committee was directed to make assessments of the Code. She hasn't heard anything from the Development Code people.
- Chair Calvert said we don't have to choose one or another, and if there are water implications, it would be appropriate to invite them here to talk about where they're headed.
- Ms. McDonald said we looked at that draft a long, long time ago, and Ms. Mortimer said she would come back for the Committee's review and feedback, but that has not happened. She said it might be good to look at that and provide feedback.
- Chair Calvert suggested, for future meetings, an update on both of these issues to the Committee, and schedule the appropriate people to attend and update.

Mr. Strongheart reiterated his request for the Committee members to let him know about any specific ideas they might have regarding the water/energy nexus.

Ms. Piburn said she has a lot of hands-on experience in activity with 6<sup>th</sup> graders, and would be available to assist Mr. Strongheart.

## **MATTERS FROM STAFF**

### **7. UPDATE ON CLIMATE CHANGE WORKSHOP (LAURIE TREVIZO) (CLAUDIA BORCHERT)**

Ms. Trevizo said the Climate Change Workshop was held on March 6, 2012. It was well received, and well attended. She said there was a very diverse group of participants. There were 3 primary speakers in the morning. There were four break-out sessions on water, ecology, land use and agriculture, and people could attend two of those. She said a follow-up email was sent last week by the contractor Amy Lewis, and participants can contact Ms. Lewis directly with their thoughts. Ms. Trevizo said she will be helping with the reporting, but the Bureau of Reclamation, the County and the City as well as ISET, the facilitator of the meeting are compiling all of the data which was collected which go to the participants and the City Council. She said this information will be on the website as well.

Responding to the Chair, Ms. Trevizo said this will be available in a few months – a synopsis of the break-out session process and all of systems which were provided as designated in the break-out groups, as well as the comments.

Mr. Wiman said he attended the Workshop.



Ms. Trevizo said "Fix a Leak" is this week. She said people can come by the City's Water Office for a free dye tablet to test their toilet for leaks..

Ms. Trevizo said the Water Fiesta is scheduled April 11-12, 2012, and the Childrens' Water Poster judging will be March 29<sup>th</sup> at the Water Conservation Office.

#### **ITEMS FOR NEXT AGENDA – TUESDAY, APRIL 10, 2012**

1. A discussion of the timing of preparing Committee packet materials and when things are due.
2. A presentation by someone from the City to explain Return Flow Credit. Chair Calvert said the City has to make offsets to make the River whole. Mr. Carpenter said he or Ms. Borchert can come back with the numbers on offsets and what is being contemplated. Chair Calvert said there was a summary of 2010 water budget in the PUC packet for the meeting which was canceled, and suggested this Committee might want to look at that.

Mr. Strongheart said the offsets are basically for water the City draws from the wells – the water basically has to be returned to the River.

3. Mr. Wiman would a presentation on the relative costs of producing water from the BDD – a 101 conceptual presentation. Mr. Carpenter said he can make that presentation.
4. Mr. Pushard said, at some point in time, he would like an update on the status of the purchase of the billing software. Mr. Carpenter he, Brian Snyder and/or Peter Ortega will be making this presentation.
5. Mr. Wiman would like to be on the agenda to present an update on the Water Conservation Presentation.

Ms. Perez asked if a final version of the presentation is available on-line, and if so what is the website link.

Mr. Wiman said it hasn't been changed, and is exactly the same as the one in the email before the last meeting.

Mr. Pushard said it is not on the website, but the link is the same.

Ms. McDonald believes it should be on the website.

Chair Calvert noted there was a disclaimer.

Ms. McDonald said we send to send the presentation to legal and ask for an opinion as to whether there is a conflict in putting it on the website.

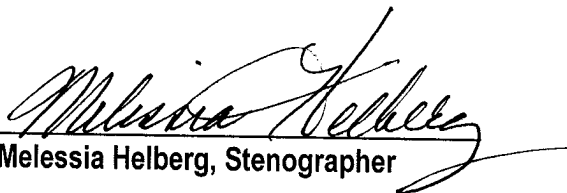
Mr. Balleau said he has no comment, other than he liked the water conservation assembly last week. He learned the forest disappeared, and there are no trees over 600 years old, and said he can see this happening again in terms of drought severity. He said he will be submitting some ideas, commenting he is very impressed with what this Committee is doing. He said he will attend again when he gets a chance.

## **ADJOURN**

There being no further business to come before the Committee, and the Committee, having completed its agenda, adjourned the meeting at approximately 6:00 p.m.

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**Christopher Calvert, Chair**



**Melessia Helberg, Stenographer**