



Agenda

DATE 1/31/13 TIME 10:53a

SERVED BY Laurie Trevizo

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SANTA FE WATER CONSERVATION COMMITTEE MEETING
CITY HALL - 200 LINCOLN AVE.
CITY COUNCILORS' CONFERENCE ROOM
TUESDAY, FEBRUARY 12, 2013
4:00 PM TO 6:00 PM

1. CALL TO ORDER
2. ROLL CALL
3. APPROVAL OF AGENDA
4. APPROVAL OF MINUTES DECEMBER 11, 2012 WATER CONSERVATION COMMITTEE MEETING

DISCUSSION ITEMS:

NONE

INFORMATIONAL ITEMS:

5. MILESTONE AND ACCOMPLISHMENT STATUS OF WATER CONSERVATION MARKETING OUTREACH PLAN (Laurie Trevizo) (20 minutes)
6. IMPLEMENTATION STRATEGIES OF THE REPORT CLIMATE CHANGE AND THE SANTA FE WATERSHED (Claudia Borchert) (10 minutes)
7. PRESENTATION OF A RESOLUTION CONFIRMING THE CITY OF SANTA FE'S MEMBERSHIP IN AND SUPPORTING THE EFFORTS OF THE WESTERN ADAPTATION ALLIANCE AND DIRECTING STAFF TO RE-FORM THE GREEN TEAM TO SEEK HOW TO BOTH REDUCE GREENHOUSE GAS EMISSIONS FROM CITY OPERATIONS AND ENGAGE THE PUBLIC IN ADDRESSING HOW THE EFFECTS OF CLIMATE CHANGE WILL IMPACT CITIZENS. (Katherine Mortimer) (10 minutes)

MATTERS FROM STAFF:

8. DROUGHT, MONSOON AND WATER RESOURCE MANAGEMENT UPDATE (RICK CARPENTER) (10 minutes)
9. NOMINATIONS FOR SUSTAINABLE SANTA FE AWARDS 2013 (Katherine Mortimer) (10 minutes)

MATTERS FROM COMMITTEE:

10. SUMMARY OF WATER CONSERVATION COMMITTEE INITIATIVES INCLUDING WATER CONSERVATION COMMITTEE DUTIES AND RESPONSIBILITIES (Councilor Ives) (30 minutes)
11. NEW BUSINESS (Councilor Ives) (20 minutes)

ITEMS FOR NEXT AGENDA - TUESDAY, MARCH 12, 2013:

ADJOURN.

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**MINUTES OF THE
CITY OF SANTA FE
WATER CONSERVATION COMMITTEE
Tuesday, February 12, 2013
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 Peter N. Ives, Chair, at approximately 4:00 p.m., on February 12, 2013, 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 Peter N. Ives, Chair
Melissa McDonald, Vice-Chair
Tim Michael
Grace Perez – Telephonically
Giselle Piburn
Doug Pushard
Lisa Randall
Karyn Schmitt
Stephen K. Wiman
[Vacancy]

MEMBERS ABSENT

Lise Knouse

OTHERS ATTENDING

Laurie Trevizo, Water Conservation Officer
Caryn Grosse, Water Conservation Specialist
Melessia Helberg, Stenographer

There was a quorum of the membership in attendance.

3. APPROVAL OF AGENDA

Mr. Pushard said he would like to talk about the meeting format under Item #11, New Business.

Mr. Michael said Item #10 looks to be two items, one is committee initiatives and the other committee duties and responsibilities, and requested to move the duties and responsibilities to become a new #5 as the first informational item and renumber accordingly.

Ms. Trevizo agreed, saying it would need to go under Informational Items which are purely for information and not a voting item.

Mr. Michael said #7 is a voting item.

Ms. Trevizo said no, because #7 has been approved by the City Council, and it is an information item. She said Katherine Mortimer wanted to discuss implementation strategies with regards to this Resolution.

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

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

4. APPROVAL OF THE MINUTES: DECEMBER 11, 2012, WATER CONSERVATION COMMITTEE MEETING

MOTION: Doug Pushard moved, seconded by Lisa Randall, to approve the minutes of the meeting of December 11, 2012, as presented.

DISCUSSION: Mr. Michael noted the last page of the minutes has a place for signatures, and asked if the minutes are signed after they are approved by this Committee.

Ms. Helberg explained that she is required to sign the minutes when she submits them to the City Clerk, and then the Chair signs after the Committee approves the minutes. She said she sometimes will send an electronic copy to the Committee, but the hard copy submitted to the Clerk is always signed at the time of submission, followed by a signature of the Chair after the minutes are approved..

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

DISCUSSION ITEMS:

There were no Discussion Items.

INFORMATIONAL ITEMS:

5. WATER CONSERVATION COMMITTEE DUTIES AND RESPONSIBILITIES

Chair Ives said this is his call to action on behalf of the Committee in terms of timely attendance. He said at times it has been difficult to get a quorum and he would ask people to attend the meetings if they want to serve on the Committee. He apologized that we have missed meetings occasionally because of City holidays, and one in his absence. He said members who can't attend should let Laurie and/or him know they will be absent, or if they need to participate by telephone.

Grace Perez apologized for not attending the last meeting, saying she forgot and didn't arrange to participate telephonically.

Chair Ives said the meeting she missed was one where there was some shuffling of timeframes.

Chair Ives said if he isn't going to be in attendance, then the Vice-Chair will assume the duties of the Chair.

Mr. Pushard asked what happens if both the Chair and Vice-Chair can't be here, commenting he believes we should go forward with the meeting, and asked who would chair in those circumstances.

Chair Ives said the members present would designate someone to preside, commenting he will clarify if this is the correct procedure in that situation.

Ms. McDonald said if she couldn't attend and the Chair was out of town, she would call Ms. Trevizo and then the members in attendance would choose someone to preside.

Ms. Trevizo said the Committee also might recommend that the most senior member of the Committee be designated to Chair the meeting.

Mr. Wiman said he was disappointed that there was no meeting in January, and he applauds efforts to have meetings every month once we set aside a day, because we have a lot of things to talk about. He said, in his opinion, we aren't keeping up with the work. He hopes we can go forward and not miss meetings.

Mr. Pushard said in the past we have discussed that 3 unexcused absences would be a reason for a removal. He asked if this is a City policy.

Chair Ives said he believes it is in the City rules governing committees.

Ms. Trevizo pointed out it is 3 consecutive unexcused absences.

Mr. Pushard said he hasn't seen that in writing, and Chair Ives said he can provide a copy of the rules to him after the meeting.

6. MILESTONE AND ACCOMPLISHMENT STATUS OF WATER CONSERVATION MARKETING OUTREACH PLAN. (LAURIE TREVIZO)

Mr. Pushard complimented Ms. Trevizo on her report. He said last year we had some fairly contentious meetings about what we were doing from an outreach standpoint, as well as the Committee not being able to get the information. He said she has provided the information and he hopes everybody had a chance to read it. He suggested that we would now open this item for questions for Laurie, rather than her having to go through the report page by page.

Chair Ives said perhaps Ms. Trevizo could provide a general overview.

Ms. Trevizo reviewed *City of Santa Fe Water Conservation Public Outreach Status 2012*, which is in the Committee packets. Please see this document for specifics of this presentation.

The Committee commented and asked questions as follows:

- Chair Ives said in terms of designing the website it says, "Anticipated roll-out first quarter 2013." He said he presumes that's a calendar quarter, not a fiscal year quarter, so that's sometime between now and the end of March 2013."

Ms. Trevizo said this is correct.

- Chair Ives said he too would like to compliment people for reporting back on the good work being done, commenting it adds confidence to the report to know that the various items are being done and word is getting to the public in a multitude of formats which is very positive. This will help as we move into potentially drier times and are looking for greater impact on the citizenry to deliver messages.

Ms. Trevizo said none of this was in place this time last year, or was even conceived.

- Mr. Pushard said we had a couple of contentious meetings where we were asking for something, and again thanked Ms. Trevizo for her hard work.
- Chair Ives noted the words "total impression," and said impressions is a term that doesn't hold great content for his mind in the context of marketing. He asked Ms. Trevizo what this means.

Ms. Trevizo said it is marketing term, and it is a way to quantify something that can't be quantified. She said, "Your impressions are the number of times you might see a commercial. The number of times you might see our logo. The number of times you might be driving down the road and you see our logo and picture on the back of the bus. How that's generated is based on the publication. You have sort of an idea of what their readership is, how many papers they deliver, and those kinds of things. So whether or not you actually read it is one thing, but they have numbers centered around the distribution of their material."

- Mr. Pushard said it's a metric that you would compare to another metric of the same thing. That's the only thing it really is in relationship to...
- Chair Ives said we always talk about the number of hits to the website which is an easily tracked number which provides something really concrete.
- Mr. Pushard said hits as well as the time spent at the website.
- Chair Ives said this seems to be more estimating "the number of times I saw the back of the bus with the poster on it." He said it is a little less firm in that sense, but certainly good numbers. He asked if that corresponds to the various messages which are going out during those time periods.

Ms. Trevizo said, "Right. So we put out some of the print materials you see in the attachment, the Thank you Santa Fe. For example, we have the Fix a Leak campaign that was associated with the bad flapper. She said for that campaign, they did put out some of the print materials associated with that. She said it was quantified based on the number of posters that were distributed, the number of people that walked by those posters and the circulation of the papers where they put out that information.

- Mr. Pushard said he just realized that the calendar is not on the list.

Ms. Trevizo said it might be under student education and outreach, the Childrens Poster Contest.

- Mr. Pushard said the calendar is done, and it is a good calendar which he sometimes hands out. He said, "There's some more impressions for you. "

Ms. Trevizo said they typically call it the Poster Contest, because from the poster contest they generate the calendar and bus back. They don't separate them out. She said they gave a status on the calendar under student education – calendar will arrive in January 2013, which it did. She said it is lasting monthly impressions, because you are changing the calendar once a month, so you're getting that information once a month. She said they give out 4,000 of the calendars.

- Ms. Perez said on the first page under Billing Data to Incentivize Customers, it says Water Use Comparison data, and she didn't know to what she was referring.

Ms. Trevizo said they are working with a contractor, noting it is in a pending mode, who has prepared the rebate data base in the past, and he has some new software he is working on. The new software is a customer service module. And you would put in your account number, create your own user name and password, and you could put in your zip code and see the consumptive water use in your neighborhood. She said we are in very very early talks with him. She said we would be one of his first clients, but she wants him to have another client before we are the guinea pig. She is waiting to hear if one of his other clients is going to pick that up.

- Ms. Perez said on page 2 of the power point presentation, it says "completed," and she is wondering if we had received copies of that.

Ms. Trevizo said that is the power point presentation that the Committee created.

- Chair Ives asked if there is any way we could engage in any type of survey, for two primary reasons. He said, "I suppose 3 reasons. One, that they're seeing it, second is feedback on the form and content of those, and three, it is important to do an assessment occasionally of where people stand on water issues. He believes it would be interesting to do this as a complement to the marketing effort just to get feedback and see where the public stands on those issues, as opposed to us sitting around the table.
- Chair Ives said there have been a host of articles in the newspaper about water supply issues and the drought and the snowpack, noting we will get an update on some of those issues from Rick Carpenter later in the meeting.

Ms. Trevizo said we are participating in two third-party surveys, the first with Jim Frier who visited us in December. Mr. Frier's group did an actual phone survey of the customers and some of the questions were asked about how they get their information, what do they think of the information, is it useful and so forth. They are still compiling some of data which will be useful information for us, noting the campaign has been tweaked slightly because of the preliminary data. She said the second study is the Residential End Use Water Study which was a mail-in survey in which the City participated 10 years ago and again recently. She said there many of the same questions, with more detail on different topics. She would like to wait until we get complete information back from these particular studies, and then we can have another assessment of what to do.

Ms. Trevizo said these [surveys] have been out less than a year, and we need to give this the necessary time and evaluate when it is appropriate to do these kinds of surveys in the future.

- Chair Ives recalled Mr. Frier said his report was anticipated in March.
- Ms. Trevizo believes that is correct. She said she has a flurry of emails from him in her in-box where she is copied between him and IT department. She hasn't read all of them, and she doesn't know the exact status. However, it seems they are working diligently to complete the data collection.
- Mr. Wiman asked if Hutton Broadcasting contributes advertising or does the City pay them.

Ms. Trevizo said the City pays. She said Hutton develops the ads for us and gives us a break on the rate. She said she negotiates quite a bit on the rates, and some of the rates have been negotiated down "very very very very very" much. She said Hutton is in that same category. She said the City has created a package where we are advertising on their website and advertising in select time frames on all of their 5 stations. We also have a business card footer on Santa Fe.com.

- Mr. Wiman said he would go for more emphasis on KUNM and KSFR which do make free PSA's, and, in his demographic, they have wide audiences. He doesn't know about Hutton, but he does know it is very involved in community activities.

Ms. Trevizo said, "We look at that. We look at the listening audience, we look at the range of the radio station and whether or not it is going to reach us. It goes back to that television thing where people are getting some of Albuquerque's information here in Santa Fe, and there is a little bit of a confusion between what is going on. So we wanted to keep it extremely local and we felt that the Hutton folks could do that for us."

- Mr. Pushard commended Ms. Trevizo for the water conservation information in the business license mailing. He said this is another one we discussed for quite a while.

Ms. Trevizo said a copy of the letter isn't in the packet, but it is listed on page 5 under Commercial Outreach, noting more than 5,000 letters were sent out.

Ms. Trevizo introduced Caryn Grosse, the Water Conservation Specialist, who started as the Enforcement Officer and has worked her way up to this position. She said Ms. Grosse has been taking all the calls regarding the signage in the town, noting there has been good response from the community about signage for the rest rooms.

Ms. Grosse said as of this morning, she had received 98 requests for signage.

Ms. Trevizo said they worked with the business license office, noting they wouldn't let them print it in color.

- Mr. Pushard thanked her for her work.

Ms. Trevizo said we now have a form letter, and we will work with them in the future, and it will be one of those standard things you'll see every year in the business license mailing.

7. IMPLEMENTATION STRATEGIES OF THE REPORT CLIMATE CHANGE AND THE SANTA FE WATERSHED

Mr. Pushard asked Ms. Borchert if she is seeking input or anything specifically from this Committee, or if this is purely informational.

Ms. Borchert said she would like input, noting input from this Committee is always welcome.

Chair Ives said previously, Ms. Borchert had asked for comments on the report with a deadline.

Ms. Borchert said she hopes to finish that report by next week to go through the Committee process in March.

Ms. Borchert said, "I believe my assignment this time around was to focus strictly on the next steps and I would be happy to get your input on whether the next steps that I was considering pursuing are the same ones that you would encourage me to pursue. And I apologize for not having anything in your packet."

Chair Ives said we have the same information in the packet as the last time.

Ms. Borchert asked if it included the Memo to the PUC, and Ms. Trevizo said no, just the Executive Summary.

Ms. Borchert said the next thing is to create a public piece on the assessment and executive summary, noting Ms. Trevizo had mentioned her work with Lynn Komer in the previous piece. She said Ms. Komer will take the executive summary and put it in a digestible format for the public. She said it will be a bill insert. Ms. Borchert said she has been asked to write an article on the insert that Laurie prepared for the newspaper.

Ms. Trevizo said a few years ago there was a separate pull-out piece of the newspaper which was strictly on Buckman issues. She is working on a separate pull-out piece for water conservation issues, and when to water, and such. She said Ms. Borchert will be adding some of her climate change work into that.

Ms. Borchert said that is part of getting the message out on this report to the people. They also want to be sure all workshop attendees get a notice the report is final and is there. She said this is a two-part project, and the second part is the actual redo of the Long Range Water Supply Plan. She is still working on the scope with CDM Smith who helped to build the water map models the first time around. They have been going back and forth about how much to do, relative to the current long range water supply plan, but she believes it will be a redo. It will be the 2050's, with the 3 climate change scenarios – not as dry, not as warm. They are expanding to include the County and our basin as a whole, so it really is different than our current Long Range Water Supply Plan. It will look at the expected gap between water supply and demand, and the different options to fill that gap. It looks at one sliver of time in the future 30 years out and so that is part two of the assessment which will occupy a lot of her time for the next year.

Ms. Borchert still plans on having the brown bag lunch discussions. She would still like to pursue the idea of a Climate Change Impact Report to accompany all City actions, such as an FIR which is required for ordinances and resolutions. She said it could be helpful to bring climate change front and center in any action.

Chair Ives said he would be happy to work with her to prepare a Resolution.

Chair Ives said the Department of Interior just came out with its two-year study of the supply and demand on the Colorado River, and they had 4 supply scenarios and 6 demand scenarios that they were considering. He asked Ms. Borchert if she is modeling her plans after what they were trying to do there in terms of supply side, and asked if she then will do demand side variables as well.

Ms. Borchert said doesn't know what they've done, noting supply side on our side is pretty straight-forward. She said on the demand side the only part we're going to be looking at is to develop some algorithms that translate if it's really hotter and dryer, what do we know about how that affects demand – if it's not as hot, not as dry, how will it affect demand. And if it's in the middle, how that will affect demand. She said these will be simple algorithms because of the limited budget and this piece has been shrunken because they felt they needed more money in other parts of the contract. However, they will try to address, to some extent, how demand changes under the 3 scenarios we're looking at.

Chair Ives believes it would be useful to overlay it on 2-3 growth scenarios in terms of population, construction, businesses. There is some intersection where a finite water supply or diminishing supply crosses the demand, based on projected growth, and these are scenarios we should start to look at and consider in terms of 30 years out. He would encourage that to the greatest extent possible. He said if more resources are needed to accomplish that, he would "happily be an advocate for getting you what you need, so that as a City and a populace we can think about the toughest of issues which is when you say no."

Mr. Pushard several people have asked him if there is a way they can volunteer and help on the climate change efforts. He said as Ms. Borchert moves forward, she can let him know if there are areas where she could use volunteer help, commenting he knows a couple of people who would be willing to contribute time.

Responding to a question from Ms. McDonald, Ms. Borchert said CDM Smith is the company helping to develop the dynamic system simulation mode.

Mr. Michael asked if she is anticipating a large amount of growth over next 30 years.

Ms. Borchert said in the current Plan, growth is projected through 2045. She said in the global models there are only 3 decades from which to choose – 2020, 2050 or 2090. She said they felt 2020 was too close and 2090 was too far out, so they chose to use 2050. She said the current demand scenarios were developed in 2003, before the economic downturn in 2008-2009.

Ms. Borchert said, "The way we look at demand is it doesn't really matter whether you're right or not in terms of, that the population would be 140,000 by the end of 2045. It doesn't matter whether you hit that target in 2045, what matters is that in some point you will hit that, whether in 2030 or 2050. At some point you will hit that and what will the Plan picture look at in that moment in time, knowing that the demand number will shift, depending on what happens between now and then. We're not expecting to be right, as to when we hit that population."

Ms. Borchert continued, "And Councilor Ives, to talk about the frame you're talking about, this Committee well knows that we have to think of demand in a range of uncertainty, too, because if we hit the demand target that this Committee wants to hit, we are basically reducing our GPCD by about one every couple of years, whatever it is. While our production remains flat, then the whole question of future demand is immaterial, because the water supplies we have today should be enough, with some adjustments for climate change, to meet our water supply needs 50 years out, 30 years out, if we continue

to need just that much water for the growing population. So that's one end of the scenario."

Ms. Borchert continued, "The other end of the scenario is that we don't hit any of our conservation targets and we continue to have 100 GPCD indefinitely into the future, in which case, you will need more water supply to make up the gap. So we've got a range of ways of dealing with demand."

Mr. Pushard said, "Speaking to Councilor Ives' point, in thinking about making it not just time based, but performance target based, for example, if we don't hit our water conservation goals, it triggers some set of events. If we do hit them then the set of events would be different. If growth picks up faster than the forecast, it then triggers a different set. So in making it more performance based than time based, there is one thing we do know, we are going to be wrong on the time, but we will know that at some point of time in the future we will be 145, to your point. At some point in time, hopefully the water per capita gets even lower than it is today."

Chair Ives said it sounds as if 2050 is driven, in part, by climate projections that exist independently out there, so it's one we can select from. He said demand clearly is a factor of population growth as well as conserving water so we're pushing that GPD down. He said the richness of the analysis looks at a number of factors across all those aspects and he appreciates very much what Mr. Borchert, Ms. Trevizo and Mr. Carpenter are able to accomplish in each of their spheres.

**8. PRESENTATION OF A RESOLUTION CONFIRMING THE CITY OF SANTA FE'S MEMBERSHIP IN AND SUPPORTING THE EFFORTS OF THE WESTERN ADAPTATION ALLIANCE AND DIRECTING STAFF TO RE-FORM THE GREEN TEAM TO SEEK HOW TO BOTH REDUCE GREENHOUSE GAS EMISSIONS FROM CITY OPERATIONS AND ENGAGE THE PUBLIC IN ADDRESSING HOW THE EFFECTS OF CLIMATE CHANGE WILL IMPACT CITIZENS.
(KATHERINE MORTIMER)**

Mr. Pushard asked if there is something specifically Ms. Mortimer would like from the Committee.

Ms. Mortimer said general input, such as ideas or suggestions with regard to the work to be done, and she can take those to the re-formed Green Team.

Ms. Mortimer presented information regarding this matter from the materials in the packet, noting the Western Adaptation Alliance was formed in September 2010, with 20 communities around the inter-mountain arid west – Flagstaff, Arizona, Salt Lake City, Utah, Tucson, Arizona, Ft. Collins, Colorado, Las Vegas, Nevada, Denver and Boulder County, Colorado Park City, Utah, Aspen, Colorado and Phoenix, Arizona – and Santa Fe is the first group that applied that was accepted. The group recently received a grant from the Walmart Foundation to assist with travel and training. The focus of this year's work is on water and drought. Please see the Resolution for specifics of the goals and objectives, and associated tasks.

The Committee commented and asked questions as follows:

Chair Ives noted Ms. Mortimer said Flagstaff is a model. He asked what Flagstaff has in place currently, and if there are ordinances and resolutions, and if so, could we have copies of those tomorrow.

Ms. Mortimer said yes, they are on her computer. She said what Flagstaff has done is very much along the lines of what Ms. Borchert was describing. They have a resolution which requires city decisions and plans to consider the effect of climate change whatever it is addressing, and that they choose a way to move forward which increases or does not increase the resiliency. She said they were not able to deal with reducing greenhouse emissions because it is a more conservative community which doesn't acknowledge what the climate changes have to do with human activity. However, they do recognize there are changes in the climate, regardless of the source, and they can deal with the adaptation and they've done a pretty effective job with what they've been allowed to do.

She said Tucson is an example where the city went into the community, heard from the community and are looking at cooling centers and such, noting it is much hotter there. She said we are looking to do both of these things as well as incorporating a social justice piece which no one else has done so far.

Chair Ives said page 4, line 15 of the proposed Resolution, provides, "...2) Ensure that social and environmental justice are included in the evaluation of impacts and proposed actions the City takes, and 3) Engage the public in addressing." these issues. He said that doesn't sound like what Ms. Borchert was looking for which would be comparable to an FIR.

Ms. Mortimer said when they did #1, they didn't want to presume the outcome, so they stated it more broadly, but they expect to look at the Flagstaff model, where adaptation as well as greenhouse gas can be incorporated. She said they opened it up, so we weren't necessarily saying we were going to come up with Flagstaff's solutions, because we don't know that it is a one size fits all.

Chair Ives said he would describe the way this proposes to do it by reforming the Green Team as a sort of outside looking in, but his impression of Ms. Borchert's thinking is it's really at that base level from the inside looking out.

Ms. Mortimer said the Green Team is staff, it's inside.

Chair Ives said he understands, but when you say "seek how to both reduce..." if we are considering, at the Council, a contract to buy new CNG front end loaders, the impact between those loaders versus diesel operated loaders in terms of how greenhouse gases are going to be significant. And when we have fiscal issues, we have a Fiscal Impact Report that says, "if you do this, it's going to cost this much or save you this much." He said, "And what I have is the sense that it might be useful..."

Ms. Mortimer said it is exactly what they anticipate to be the result, or something similar to that.

Chair Ives said he doesn't read it that way.

Ms. Mortimer said it is because they worded it broadly because they didn't want to presuppose that necessarily would be the best option. She said they anticipate, based on Flagstaff's experience, that we will come up with something like that or very close to that, because that is what they've been doing and they are finding it effective.

Chair Ives asked the timeframe for making those determinations.

Ms. Mortimer said there is no timeline and they haven't met yet. She said this was approved on January 30, 2013, less than two weeks ago, and they haven't been given direction from the City Manager, saying "this is the staff" assigned to pull this together. She said that group needs to figure out the timeline.

Mr. Pushard noted the time assigned to this item, and suggested we need to move forward because we have several items left on the agenda.

Mr. Michael agrees with the Chair's reading of this, because it wasn't apparent to him that it addresses the issues brought up by Ms. Borchert, which is the impact of climate change on ordinances the Council may adopt. He said all these things consume resources of City staff and others to evaluate the impact of the ordinance on climate change and social justice. He presumes people are thinking of the impact on their efforts that these kinds of things will have.

Ms. McDonald said Ms. Mortimer mentioned that they will be looking behavior modification, and asked if that is how government can affect community modification, or is it working with the community to develop ways to look at behavior modification, or both.

Ms. Mortimer said it is kind of both. She said they are looking at this from the social scientist point of view, noting there are organizations that are really looking at this – how to affect behavior change within communities around sustainable actions specifically. She said, for example, why do we have such a dismal recycling rate, why do we have a low GPD, but on the other hand we could go lower, noting there are European countries which are a lot lower with a similar standard of living. She said, "How do we actually get that to happen when we have an engaged community. How do we take that engagement and get it into action." She said it is a challenge, and it's really a social science thing.

Ms. Mortimer said something is going to be announced on Earth Day – we are going to be the second City to do this as a City. She said if you have a 2 or a 3 in front of your age, you're more likely to engage in this. She said Committee members with iPhones can go there now to *Joulebug* which is an app, which has 200 sustainability actions you can do when you get points, and then you identify your friends and then it compares and says "so and so" just passed you in points. This creates a friendly competition with an app. She said they are looking at this in all different kinds of ways, because what we have been doing has had very little effect compared to the effort that we have put into it.

Ms. McDonald said this is a particular topic about which this Committee would like to stay informed, because we constantly are debating different ways to get buy-in from the Community, and certainly what government does is important. This is something on which she personally would like to get feedback as this effort moves forward.

Chair Ives would like ordinances and resolutions from Tucson as well.

Ms. Mortimer said she doesn't have all of Tucson's stuff on her computer, but she can get it and send it to him, but it may not be by tomorrow.

MATTERS FROM STAFF:

9. DROUGHT, MONSOON AND WATER RESOURCE MANAGEMENT UPDATE. (RICK CARPENTER)

Mr. Pushard asked Mr. Carpenter if he is expecting action from this Committee, and Mr. Carpenter said no, this is an information item.

Mr. Carpenter presented information from his Memorandum of January 25, 2013, to the Public Utilities Committee which is in the Committee packet. Please see this Memorandum for specifics of this presentation.

Mr. Carpenter said not all of the news is bad with regard to runoff. Recently the Bureau of Reclamation issued a statement to its San Juan/Chama contractors that the [inaudible] from the project would be about 80% of the normal burn yield, which is a 20% reduction. Since that time, the San Juan/Chama watershed has had a lot of snow, one storm in particular was 3-4 feet of wet snow. He said we asked BOR what would that mean for the City, and their modeler said the recent storm was so significant it gets us back to close to 100% deliveries of burn yield, but nothing formal has been issued. He said a meeting is set for mid-March where they will come out with a formal adjustment of that projection. He said the reservoir levels are so critically low, that we would need to receive double of what we normally receive to get us back to normal, noting we stand the risk of being critically dry in the next year as well.

The Committee commented and asked questions as follows:

- Chair Ives asked, in terms of various compacts, rules and regs on those reservoir, what we need to advocate for change so we can perhaps increase storage inflows. Is there a plan of attack in terms of approaching the BOR, MRGCD, and the Army Corps.

Mr. Carpenter said requests we could make to the feds and others would be, looking at the way we operate reservoirs up and down the system. For example, allowing annual carry-over from year-to-year-to-year inherent during wet years. He said right now we have water stored in Heron, and we are required to release water on an annual basis from Heron. Or looking at ways to re-operate Cochiti for example, where there is water for recreation but nothing allocated for [inaudible]. He would look at ways to re-operate some of these reservoirs up and down the system. Also he would engage the Interstate Streams Commission to store water in the local reservoirs [inaudible] would help as well.

- Chair Ives said this is all against the backdrop of yet another filing by the State of Texas against New Mexico last month in the U.S. Supreme Court, about New Mexico's failure to make proper delivery of water under its compact, especially in the Rio Grande and the Pecos.

- Mr. Wiman said he is concerned about the implications for the Buckman well field. If nothing changes, do you see us once again being dependent on the wells in the high irrigation season.

Mr. Carpenter said yes, our approach is to use surface water supplies to the extent we are able, whether from the BDD or in the canyon. To the extent we can't meet demand, or there are factors to pump the groundwater wells, the Buckman would be a principle player. He said those wells have been resting for 2 years. We have a permit to pump a lot of water out of the aquifer, probably well beyond the sustainable limits, but it's there on a short term basis if needed, if surface water supplies aren't available.

- Mr. Wiman said he will email Mr. Carpenter a geologic paper by a local hydrologist, that the policy of pumping and recharge is out of control. He is concerned we are exceeding the recharge, and we're just drawing that level down and down in the long term.

[Mr. Carpenter's remarks here are inaudible.]

- Mr. Wiman asked Mr. Carpenter if he sees the City imposing more restrictions than we have now. Does he see a movement toward more compulsory conservation in the City.

Mr. Carpenter said he doesn't see that in the next 1-2 years, but that is a policy decision for the City officials to take up at any time. He doesn't know there is the incentive to do that right now, because our main supply portfolio is so healthy.

- Mr. Pushard said, "Then our policy is one of conjunctive use where we will use the wells when needed when we don't have the supply coming down the River or from the reservoirs, and that there is a priority to do that. So taking water from the wells at a greater than a sustainable rate would be a higher priority than implementing new, mandatory water conservation programs. I'm just saying as a policy, that is our current policy."
- Chair Ives said, "I think that would be an inaccurate statement, just from what I know about policy. I'm not necessarily sure that...."
- Mr. Pushard said, "So please correct me, because I think that's the conversation we just had."
- Ms. McDonald said that went back to the old restrictions.
- Mr. Wiman said this is the law as it stands.

- Mr. Pushard said, "Whether you call it orange and red, new or current, the policy would be the same, that our current policy, as stated by Rick, we will pump the wells like we did in any drought beyond their sustainable level, rather than..."
- Chair Ives said, "No. No. There's a whole lot of stuff, in terms of sustainability. Do we know what the total quantity of water in the aquifer that the City wells draw upon."

Mr. Carpenter said they are trying to get a better feel of what the City's field ought to be.

Ms. Borchert said, "Doug, the way I would modify the statement you just made, is that we may need to extract water at a rate higher than we would like to in these years of drought, but we are still striving for an overall sustainable use of the aquifer. As Rick pointed out, we've been resting the well field 4 years like this, so defining what that sustainable rate might be is very difficult, but we know there will be ups and downs. We've had our good years where we rest the aquifer and we may need, for the third year in a row, to take more out of the aquifer than we want to, but that doesn't mean we have exceeded the sustainable rate, because as Councilor Ives pointed out, that is a whole other discussion."

- Mr. Pushard said he would agree with what she is saying, if she can tell him how long the drought is going to last.

Ms. Borchert said she can't tell him that.

- Mr. Pushard said, "So, therefore we would continue pumping the aquifer because it is our source during drought."

Ms. Borchert said our average for the last 5 years, already puts us over about 2,000 afy. She said if the drought never stops we have a problem. She said, "That being said, groundwater is being mined everywhere."

- Mr. Pushard said he isn't saying we're the only parties.

Ms. Borchert said she isn't saying that either, but she's trying to say how much water is in the aquifer. She said, "The aquifer for Buckman is 5,000 feet deep. This natural resource is mined more than any other. When we talk about oil or metals, in terms of volume, we are extracting groundwater out of storage more than any other resource globally. It doesn't mean we think it's a good idea, but we are doing it, and the only thing we can control is the rate at which we take it out, because we are still mining groundwater. And there's a lot there to mine."

- Chair Ives said at the Navajo Bar Convention, he heard a presentation on the Navajo settlement, in which there was a proposed allocation to the Nation of a deep water aquifer containing some, I think the estimate was, 415 million afy, which would be a supply of 50,000 years to the Navajo Nation if they were able to tap into that, commenting he is just throwing out figures because he obviously hasn't done the math. The point is that there are huge resources there. He said, "That

being said, it's always a measure, and are we looking at ways to conserve more. Yes. Are we in a crisis mode. I think everybody's anxiety and awareness of the issue is picking up significantly by virtue of all we're hearing, as well as what we're experiencing. Part of what we're charged with is figuring out if it is the time to come forward with new ordinances and new ways to incentivize people."

Ms. Trevizo said, on the last part of Mr. Pushard's statement, he said there would be new conservation programs. However, that would not happen. There would be no new conservation programs if we went to any sort of restrictions. There would be no programs at all. There would not be a calendar program, there would not be a water fiesta. "Those programs would cease and we would be in full enforcement mode."

- Mr. Pushard said, "We're caught up in a word. When I say new conservation programs..."

Ms. Trevizo said, ".... you're talking about regulations. Those aren't programs."

- Mr. Pushard said what I'm talking about is enforcement, but this type of enforcement of new things, the political will to do a little bit more, because history has shown that our past programs have been very very effective.
- Ms. McDonald said this is the reason she is interested in the behavior modification looked at by the Green Team. She is concerned with how we, as a City and as the Water Conservation Committee and everyone in the community, address water usage. She said, "I really do feel that pressing the panic button now, in my opinion, kind of does that refrigerator thing, where people feel like they have to hoard or they have to fill up to get what they feel they need. I really feel that we have to figure that out. We hear from Claudia that we have lots of resources, but we're mining them and they're still bad and I understand that. I just feel like we have to be more proactive and I'm really interested in seeing us develop a really clear idea of what is working. I think some of the ordinances worked for sure."

Ms. McDonald continued, "But let's also look at all of the things, in my opinion, before we go to a very penalty type way of thinking. There's places where that may work and places it may not work. And so I think, as a Committee, I would like to see us embrace ways of looking at that and actively do that, and maybe we can work with the Green Team to get to that point. I know Claudia came back from Germany a while ago, and presented some stick things that we good and some incentive things that were good. Those are all things that we can look at. And I'm encouraged to see the City really looking at that seriously and saying, okay, what is going to work. And we really need to push on that, I think."

Giselle Piburn departed the meeting.

- Mr. Wiman said he isn't saying an ordinance is the absolute answer. An example is in Albuquerque, the odd/even address scheme they have, depending on your address, you may water on these days. That's a recommendation and half the people in Albuquerque think it's the

law. He said, "I think if you could sell something as voluntary, I think that could be very effective. People realize there are risks out there."

- Ms. McDonald said, "I think most people honestly, in the City, are on this every other day irrigation mode thinking. I deal with people every day and that's what they do, all the landscapers and irrigation people do that. And I think we are getting there. People are getting educated even more, so I agree with you, but I think we really want to be careful. I feel like we could craft something that people would take more seriously, than here, we're going to hit you with a stick constantly. I don't think that's going to work. I think people will reject that. I think they will."
- Chair Ives said he doesn't think there is anything wrong in promoting alternate day watering, that's just a matter of good science – water stays in the ground at least 48 hours, so the need to water every day or several times a day doesn't exist. These kinds of measures make sense. He said as part of the Committee assignments, people are looking at new ordinances and making recommendations, and "all of that is fair game for this Committee to consider. To express the City's policy as saying they're not going to do any new ordinances until we've sucked Buckman dry just doesn't make any sense in his context."
- Mr. Pushard said, "And that's not what I said. I'm being very clear, because I'm on the record, in previous meetings here, I am not pro regulations. I think regulations are one arrow in our quiver, but it's also an arrow that occasionally we should use, and we should use it judiciously. But saying that it's not an arrow because people react negatively, or it's just a bad thing to do, is to take a very important one off the desk. Just like we now have a communications plan which is very important to... outreach is extremely important. They're all arrows that we use to help us, and I guess everybody is concerned, and I don't think there's anybody around this table that's not concerned about where we are. And that's all I'm going to say, because I'm going to come back to this."
- Ms. Schmitt said, "I would like to also remind the Committee that the other piece of restrictions, is the part about behavior modification, and it is the rate structure that we worked on for quite a long time. And so, everybody got a rate increase in January. And I can tell you, from my clients, most of whom are not really poor, this is the place where it hits them. And it's a motivational dynamic that's very very effective, and it is part of, as we get higher and higher and costs are more, it's more difficult, especially for lower socioeconomic folks. I feel like we also need to give people the tools to figure out how to save water in their homes at a very practical level. So that's already happening. That's something this Committee has been a part of that Council has implement. And so that's working and I see it every year more significantly."
- Chair Ives said there is certainly a logical nexus between the two.
- Chair Ives said he told Mr. Carpenter this Committee would like to see this report on a going forward basis. He said he would like to see a 5 year and 10 year average looking back, as well to get a sense of how that's moved over time.

Mr. Carpenter said he can do that. He said Brian Snyder asked him to add data on the snowpack in the San Juan/Chama on a going forward basis, and that will be part of that as well.

10. NOMINATIONS FOR SUSTAINABLE SANTA FE AWARDS 2013 (KATHERINE MORTIMER)

Ms. Mortimer said they have done these awards for 4-5 years. She said there are 12 categories plus an "other" category for outstanding projects that aren't otherwise described. She said every year there has been a water conservation project category for projects with a significant event, conclusion or start during 2012. She said in the past only one wasn't nominated by Water Conservation staff, so they are really seek input from this Committee in any of the categories for nominations. The nominations are due until March 15, 2013, and there will be an awards ceremony on April 27, 2013, at the El Dorado Hotel, 6:00 p.m. to 7:00 p.m., with a no-host bar, and the winners will be displayed.

Chair Ives asked what kind of information is need for a nomination.

Ms. Mortimer said the name of the project, your contact information, an acknowledgment that you will work with the person you are nominating, which could be yourself, to get us an image if you win to put in the publication. You also need a project description and how it met the objectives, and in which category it is to be nominated. She said they try to keep it simple.

Mr. Pushard asked if she can send the nomination criteria to Ms. Trevizo to send to the Committee.

Ms. Mortimer said yes, but it is also at the City website, just click on nominations on the left.

Ms. McDonald said she wants to plug Herbcare who is hosting a gala or dinner after the awards, and they are looking for sponsors, and they want people to come.

MATTERS FROM THE COMMITTEE

11. SUMMARY OF WATER CONSERVATION COMMITTEE INITIATIVES. (COUNCILOR IVES).

Chair Ives said we have our sheet of categories as well as the matrix of people who are considering various issues. He asked if any of the committees have a report to present. He said as discussed, some of the items aren't within the Water Conservation Division, so we shouldn't than try to put Ms. Trevizo everywhere.

Item #1

Mr. Pushard said they meet every two weeks for two hours, and they have had several meetings to update the water plan, noting the meetings have been very productive with lots of attendance and input, and they are plowing through the plan. The next meeting is on Thursday. He said they have a time

schedule, and asked Ms. Trevizo to include the timeline in the next packet, noting it lists all the other reports which will be published this year with associated dates. He said the deadline to complete the project is the end of the year.

Item #4

Mr. Pushard said Lise Knouse is not actually on this team. He has emailed her several times and she never responded. He said Mr. Wiman is on the team.

Ms. Trevizo said she checked the minutes and Ms. Knouse signed up for it.

Mr. Pushard said he has copied Ms. Trevizo on his emails to Ms. Knouse asking her if she wants to be on this team, and she has never responded. He said he would like to take her off until she comes to the meeting and says put to put her back on the committee. He said Mr. Wiman is a working member of that Committee and he would like that changed on the matrix.

Mr. Pushard said they are making progress. He said the first ordinance they are attacking is an existing Ordinance, the Landscape Ordinance, which needs minor updates, about 10 minor changes. He said the next step is to meet with Bob Woods and Land Use Department. He said there are two errors in the Ordinance which need to be fixed. He said the team has 5-6 things on which to meet with Robert and Yvonne, to see if they also have changes.

Ms. McDonald would like to have it to be brought back to this Committee for approval.

Mr. Pushard said he doesn't know the process, and they may just take it and run with it, and then it would come through this Committee as a normal process.

Chair Ives said he can be an advocate to get the drafting done through the City Attorney's Office.

Mr. Pushard assumes staff will want to do this, because there are some things that would be really bad if they had to enforce, and they are very supportive of the small things they have suggested. He said he is sure they also have a laundry list of small things they would want to put in the bill as well.

Chair Ives said anything which is put into a proposed ordinance and resolution, has various Committee assignments. He said certainly if it is coming from this Committee it will come back here.

Ms. Schmitt asked if work is coming from a subcommittee of this Committee, wouldn't this Committee want to look at it first before it went into the City committee process.

Ms. McDonald said in the past, working groups have worked that way, and there isn't a formal process. However, subcommittees or working groups making recommendations, first came to this Committee to report what they are doing and then it went forth.

Mr. Pushard said the City people have asked us to meet with them.

Ms. McDonald said that's reasonable. However, in general as a Committee we should agree on a process because that's just fair.

Chair Ives said he wouldn't argue with that, and he is happy to handle it that way. He said it wouldn't preclude other groups within the City from advocating it, but if it is something sourced here he is happy to have us look at it first.

Mr. Pushard said, "Cool, because this is going to go into the next agenda item."

Ms. Trevizo asked Mr. Pushard his strategic goal for Item #4.

Mr. Pushard said he has given it to her previously, but he will email it to her again.

Ms. Trevizo said good, and asked what are the objectives.

Mr. Pushard said it is to save water.

Ms. Trevizo said she can list that for everyone.

Chair Ives said for those things for which he is charged, he has amounts of material, so he will start identifying those as part of the matrix. The notion is to expand the matrix each time so we capture more and more information and relevancy.

Item #5

Ms. Schmitt said she is the only one on #5, noting Melissa has expressed some interest. She said she would like clarification, noting she has something in mind, but this is a fairly large category. She said she hasn't done anything, because what she conceptualizes this to be is how we as a Committee help the citizens of Santa Fe to lower their per capita water usage. She said one of the ideas she has is to work with the homeowners on the individual metering they can do. She said at the last meeting she had asked for a report on metering at this meeting, which didn't get on the agenda. She said she wants that piece so she can utilize that. Her conception of this category is how many things we actually can work with. She said since she didn't get that information, she is unsure where to go from here. She said she was going to make a presentation on some of the meters we've had that worked, and at some point give a report.

Chair Ives suggested we take the first hour at the next meeting and go copiously through this to capture the various requests. He wants to do this if people are willing to populate the matrix as much as possible between now and the next meeting.

Ms. McDonald said she wants to work with Ms. Schmitt on this.

Ms. McDonald said she was nominated to be put on the Parks and Open Space Committee, and the appointment will be at Council at the next meeting. She would like to see if there is a way to fit some of that work into this, because she sees that as a way for us to have a stronger relationship with City Parks.

She said POSAC is looking for this Committee to express information on water in terms of parks and how to conserve water. She doesn't know where this would fit on the Agenda, but it is an activity she hopes to be doing, and is unsure where it goes.

Chair Ives said a logical place might be a focus on the water use in Outside City facilities, which would include Parks.

ITEMS FOR NEXT AGENDA – TUESDAY, MARCH 12, 2013

Mr. Pushard said he has a recommendation, but asked to first read the following, "The City's Water Conservation Office is responsible for implementing water conservation measures, including citizen outreach and education. This office is guided by the City's Water Conservation Committee who recommends policy." He suggested a change in the format of the meeting to make it possible for us to do some of the things we are supposed to do, because we're part of the process. He would like to do that on a more timely basis and only allocate 1 hour to the agenda to those items, and the second hour we would actually do work. We would actually put Ms. Schmitt's idea on the agenda and add an hour to things we don't cover, that don't require a vote, which automatically skip to the next month's meeting so we can actually do work. We would be able to brainstorm – Ms. Schmitt's idea, Melissa's idea.

Mr. Pushard said, "I wasn't going to point out.... everybody thinks I'm going to bypass this Committee. I'll bypass the Committee because of the clock, because normally this would be the last item on the agenda and this is the first time we've gotten work from the Committees in the last 3 meetings."

Ms. McDonald said, "Putting things out on email isn't necessarily bypassing the Committee, FYI. Things can be put out ahead of time so people can review them."

Mr. Pushard reiterated his suggestion for a change in the meeting format so we actually do policy work here.

Mr. Wiman said talked about a recurring conversation he and Mr. Pushard have had. He said, "I look at some of these, even ones that I have my name on with Melissa on evaluating potential storage use of storm water and conservation strategies. That's like a career. We're not going to get there. Should we, as a Committee prioritize things that we can actually get done. That's my position. Doug's position is, if we have them all out there, people will continue to work on things that they have a personal interest in, and I can see his point there, too. So, this is huge. And I think focusing on what we can accomplish, for example the one about ordinances, I feel that's pretty well done."

Mr. Wiman continued, "How do we deal with this list. Do we prioritize it, or do it all.

Chair Ives said, "If folks aren't interested, I'm certainly not trying to force folks to fit the square peg in the round hole. So I'm happy to prioritize, and we can make that the first issue we consider at our next meeting and winnow it down to 4 or 5. It's tough, because so much of it is integrated." He said we will plan on doing this, he is all for it.

Mr. Wiman said he is interested in all the things he's signed on to work, but he can't as a practical matter.

Ms. McDonald said each individual member on the POSAC says what they are interested in, and they self direct what they're going to work on, and then they have a monthly report on what they do. She said they can create subcommittees. She said she was impressed with the idea that people come with a weekly/monthly report of what they've done, and people talk about it. She would love to see this Committee do that.

Mr. Michael clarified the format for the next meeting, and the Chair said that is correct.

Ms. Schmitt requested that the information about the water metering be presented at the next meeting, noting it is in process. She feels we are being by-passed and having no input on what the City decides to purchase.

Chair Ives said much of that has already gone through Public Utilities 6 months ago.

Ms. Schmitt said this is frustrating to know we're being bypassed. She would like to see where the City is on this, and if we have any input at this time. She would at least like to know what's happening with it, so they can work with the public.

12. NEW BUSINESS

Chair Ives circulated the Water Conservation Fact Sheet, what we're doing, which is a tool which can be useful in the future, as we get broader exposure. He will provide copies to everyone in the next packet, so we can have it as an agenda item.

Chair Ives said Councilor Calvert asked if we could include in our publicity, something to encourage homeowners during snow events, to shovel the snow under the trees and into their yards, rather than into the street. He said perhaps this can be done before Winter is over.

Chair Ives said the Children's Museum is reestablishing itself, and is looking for strategic partnering with various organizations. He said he thought of two right away, one of which is the Public Schools in terms of conservation, and asked Ms. Randall to contact them to explore that. He asked Ms. Trevizo to contact them to see if the City would have a greater opportunity to work with the Childrens Museum on conservation projects.

Ms. Trevizo said with regard to a presentation on metering, she will make the request as she always does make requests from the Committee. She asked the members, however, when a request is made, to please not expect it to be on the next agenda, because it takes about two weeks to formalize the agenda. She said more than likely it would be on the next agenda after that one.

Ms. Schmitt said if that can't be done, she would like a discussion item for the Committee in this regard.

Mr. Wiman would like to consider having a longer meeting, a 3-hour meeting, because we can't cover what we need to do in 2 hours.

Chair Ives said he will check on that, commenting it might mean starting earlier.

Ms. Perez said she thinks each of us as Committee members need to self-police ourselves, and stay on the agenda topic and don't wander off the agenda.

Ms. Trevizo said she would like the Committee to consider creating written updates for their working groups and provide formal written updates on items presented, to streamline rather than to make off-the-cuff comments.

Chair Ives agreed, saying he hopes we are at the point where we can get written reports prior to the meeting to put in the packet, so people come through the door informed, and focus the discussion on what is presented, rather than learning about it in the first instance.


Mr. Pushard said he believes part of our responsibility to read the packet before the meeting, and if we can't do that, we shouldn't attend because "you are wasting our time." He said we are being penalized by those who don't. He said if people read the packet before the meeting, we will get through the packets more quickly because we ask questions, versus "death by power point," people just talking.

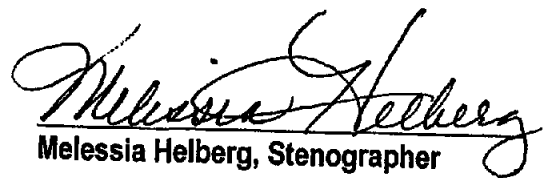
Chair Ives said the discussion is often good, and most of our time is spent on questioning, but there is no reason everyone should not have looked at the packet before the meeting.

Mr. Pushard said our prime role is to recommend policy, not sit here and "approve, approve, approve," which most of our agenda has become. He said if billing is important to this Committee, then this Committee can draft a memorandum to the department with a copy to the Mayor, and see where that gets us.

ADJOURN

There being no further business to come before the Committee, and the Committee, having completed its agenda, adjourned the meeting at approximately 6:15.m.


Peter N. Ives, Chair


Mellessia Helberg, Stenographer