



Agenda DATE 1/5/16 TIME 3:37

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SANTA FE WATER CONSERVATION COMMITTEE MEETING
CITY HALL - 200 LINCOLN AVE.
CITY COUNCILORS' CONFERENCE ROOM
JANUARY 12, 2016
4:00 PM TO 6:00 PM

1. CALL TO ORDER
2. ROLL CALL
3. APPROVAL OF AGENDA
4. APPROVAL OF CONSENT AGENDA
5. APPROVAL OF MINUTES: TUESDAY DECEMBER 08, 2015 WATER CONSERVATION COMMITTEE MEETING
6. CONSENT ITEMS
7. CONSENT AGENDA

DISCUSSION ITEMS:

8. CLIMATE ACTION TASKFORCE (Councilor Ives, 10 minutes)
9. INITIAL REPORT ON RESOLUTION 2015-97. A RESOLUTION DIRECTING STAFF TO RESEARCH AND REPORT ON DEVELOPMENT OF A RAIN WATER HARVESTING AND WATER CATCHMENT PROGRAM ASSOCIATED WITH RESIDENTIAL, COMMERCIAL AND CITY-OWNED BUILDINGS AND PROPERTY. (Caryn Grosse, 15 minutes)
10. GREEN BUILDING CODE / WERS UPDATE (Katherine Mortimer, 15 minutes)
11. RECRUITING NEW MEMBERS FOR THE WATER CONSERVATION COMMITTEE. (Discussion, 5 minutes)
12. ASSESSMENT OF INCREASING WATER USE EFFICIENCY ON DEMAND HARDENING – FINAL REPORT

ACTION ITEMS:

INFORMATIONAL ITEMS:

13. GROUP REPORTS FROM WATER CONSERVATION COMMITTEE INITIATIVES: (Councilor Ives, 35 minutes)
 - A. GROUP #5-WATER SYSTEM MAP (10 minutes)
 - B. GROUP #1 – TREATED WASTE WATER AS DRINKING WATER SOURCE. (5 Minutes)
 - C. GROUP #2- WATER CONSERVATION EDUCATION/OUTREACH (10 minutes)
 - D. GROUP #3- WATER CONSERVATION CODES, ORDINANCES & REGULATIONS – LEGISLATIVE UPDATE (10 minutes)
14. CONSTRUCTION AND WATER PRODUCTION UPDATE – FROM PUC PACKET. (Robert Wood, 5 minutes)
15. NMML RESOLUTION 2015-16. (Final Report– Robert Wood, 5 minutes)

MATTERS FROM STAFF:

- Vacancies - Water Conservation Staff & Committee – UPDATE.
- Website and advertising – UPDATE.

MATTERS FROM COMMITTEE:

MATTERS FROM PUBLIC:

NEXT MEETING – TUESDAY FEBRUARY 09, 2016

CAPTIONS: JANUARY 25, 2016 @ 3 PM. **PACKET MATERIAL:** JANUARY 27, 2016 @ 3 PM.

ITEMS FOR NEXT AGENDA:

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.

January 12, 2016

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Update		
• NMML Resolution 2015-16		
Matters from Staff	Informational	Page 5
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Adjournment and signature	Meeting was adjourned at 5:45 pm	Page 5 - 6

SANTA FE WATER CONSERVATION COMMITTEE MEETING
CITY HALL - 200 LINCOLN AVE.
CITY COUNCILORS' CONFERENCE ROOM
TUESDAY, JANUARY 12, 2016
4:00 PM TO 5:45 PM

MINUTES

I. CALL TO ORDER

Councilor Peter Ives, Chair for the Water Conservation Committee called the meeting to order at 4:05 pm in the City Councilors' Conference Room. A quorum is reflected in roll call.

2. ROLL CALL

Present:

Councilor Peter Ives
Lisa Randall, Vice Chair
Bill Roth
Tim Michael
Stephen Wiman
Doug Pushard

Not Present:

Giselle Piburn

Staff Present:

Christine Chavez, Water Conservation Manager
Robert Wood, Water Conservation Specialist Senior
Caryn Grosse, Water Conservation Specialist
Katherine Mortimer

Others Present:

Andy Otto, Santa Fe Watershed Association
Fran Lucero, Stenographer

Introduction of new Water Conservation Manager, Ms. Christine Chavez and introduction of all Water Conservation Committee members.

3. APPROVAL OF AGENDA

Mr. Pushard moved to approve the agenda as presented, second by Mr. Michael, motion carried by unanimous voice vote.

4. APPROVAL OF CONSENT AGENDA

No items to approve, no action.

5. APPROVAL OF MINUTES DECEMBER 8, 2015

Corrections:

Page 3 – ~~Ms.~~ Mr. Pushard

Ms. Randall moved to approve the minutes of December 8, 2015 as amended, second by Mr. Pushard, motion carried by unanimous voice vote.

6. CONSENT ITEMS

None

7. CONSENT AGENDA

No Action

DISCUSSION ITEMS:

8. CLIMATE ACTION TASK FORCE

Chairperson Ives informed the WCC members that the last Climate Action Task Force meeting was held in December 2015 and the Task Force Report has been transferred to the Sustainable Santa Fe Committee. Mr. Alejandro, Staff to Sustainable Santa Fe has been invited to attend Water Conservation meetings in the future.

Mr. Pushard asked if there were any water topics of discussion that will be listed from Sustainable Santa Fe. Councilor Ives directed staff to acquire the report for WCC members to review.

9. INITIAL REPORT ON RESOLUTION 2015-97. A RESOLUTION DIRECTING STAFF TO RESEARCH AND REPORT ON DEVELOPMENT OF A RAIN WATER HARVESTING AND WATER CATCHMENT AND PROPERTY. (CARYN GROSSE)

Report included in packet (Page 2) outlining the two recommendations to be submitted to city council. Ms. Grosse stated that currently they have to come back to the Governing Body with a Resolution; this new Resolution will give more flexibility as additional technology comes available.

WCC members stated that Recommendation #2 is a great step forward. Ms. Grosse also directed comments to the bonus description for rain water.

The Chair said there would be value in sharing information with Senator Peter Wirth on the water rebate program for the city to continue the possibility of a multiplier effect. Ms. Grosse said they are also working with the utility company to encourage the multiplier effect.

The Chair would like to continue to receive updates as technology does move quickly; this is only a first step. The Chair asked the WCC members to support and strengthen the move forward.

Mr. Pushard expressed his thanks to Ms. Grosse for doing this work that WCC has been very interested and supportive of for a long time. Thank you also for working on the Plumbing Codes to have the alternative and rainwater code included.

Mr. Pushard asked; we currently have a rainwater guide, are we going to update the checklist? If so, Mr. Pushard is happy to help with updates. Ms. Grosse said that yes there will be updates needed with the rebate process.

Ms. Grosse noted that the proposal will go to City Council tomorrow evening. The WCC members in full consensus endorse the resolution as it moves forward to City Council.

10. REPORT ON RAIN WATER HARVESTING, KATHERINE MORTIMER

As we move forward we are grateful that we now have the WERS tool to incorporate in to the Green Building Code. Mr. Roth and Mr. Pushard from the WCC were on the working committee to get rainwater introduced back in to the house. HERS (Home Energy Rating Saving) was strong.

11. GREEN BUILDING CODE / WERS UPDATE, KATHERINE MORTIMER

Ms. Mortimer: The WERS tool was tested and the selected 70 as the score. The checklist is not based on points for saved water. As this is a pilot, we did not want to impose a number that wasn't accurate; we wanted to have it be more accurate. Ms. Mortimer stated that they are also ratcheting down the HERS number.

The checklist has six sections and she mentioned a few; 1) Resource Conservation – development code moved in to Chapter 14, a number of things in that section talk about siting. That section is gone. 2) Indoor Quality, controlling the contaminants you are bringing in to a building. Focusing on healthy air exchanges. 3) Energy – focusing on some items that go in to the building envelope. Your building envelope has to meet the 2015 building standards overall. More detailed information can be accessed through the Water Conservation Office. It was noted that this is all done for residential and it opens up the door to address other building types.

Mr. Pushard asked that now that the residential tool is out will they be looking at the multi-family residential. Is this something on your radar? Ms. Mortimer said it is logical to make that the next to review. Mr. Pushard said he would like to work with Ms. Mortimer and give her versions of the tool. Multiple family is the logical step based on the work done for residential.

WCC would like to see growth in to the multi-family development; to have tool or guidelines available would be great to encourage builders.

Rainwater Harvesting Checklist: Ms. Mortimer said she was not familiar with this checklist. Mr. Pushard said that it was done about 10 years ago and it lives in Land Use Department. It will need to be updated based on the above action. Ms. Mortimer noted that they are also working with Ms. Margaret Baca, Engineer on guideline points. Mr. Pushard said that Santa Fe County has a good one and he will send to Ms. Mortimer.

This information will be taken to the City Council tomorrow.

12. RECRUITING NEW MEMBERS FOR THE WATER CONSERVATION COMMITTEE

Mr. Wood noted that the candidate needs to live within the city limit based on the ordinance. Mr. Roth said that he would contact a person that he knows and submit their name for consideration.

There are 3 positions open and the Chair would like to have recommendations come back to the WCC for review.

13. ASSESSMENT OF INCREASING WATER USE EFFICIENCY ON DEMAND HARDENING
Included in packet for review.

Mr. Pushard said they did a reasonably good job in gathering the data.
City wise we are low, there are other cities that have made major drops in water use.

Page 32: (Read Verbatim) — Both Monte Vista and Santa Fe retain the ability to reduce the demand by 30% (in the ability of an emergency to reduce water use); how they go about it will have to be different.

Page 33: Research presented in this study is at a forestage contingency plan, may not always be appropriate. Suppliers have to tailor their plan as customers become more efficient.

What Santa Fe does vs. Monte Vista has to be very different. We have done a great job of indoor water conservation, outdoor we have a ways to go and we can reduce water use. One the shelf we have a green, orange and red and from this report we should go back and review the orange. We can bring it back to the committee to review if it needs changes. We want to show that we can reduce water conservation if needed.

ACTION ITEMS

None

INFORMATIONAL ITEMS:

14. GROUP REPORTS FROM WATER CONSERVATION COMMITTEE INITIATIVES:

a. **GROUP #5 – WATER SYSTEM MAP**

Mr. Wiman – No update on map since last meeting. Rick Carpenter did respond to Mr. Wiman and asked if the mailing list was all inclusive; Mr. Wiman provided him the updated information and has not heard from him to date. Mr. Wiman asked the Chair if he could move this along. The Chair would like to have the map at the next meeting and invite David to attend next meeting. This might need to go on the Education and Outreach group.

b. **GROUP #1 – TREATED WASTE WATER AS DRINKING WATER SOURCES**

Mr. Wiman – He will continue to monitor the Corollo (spelling) contract. Preliminary review will come to the Water Conservation Committee members. Mr. Wood has this scheduled for the May-June timeline for review.

c. **GROUP #2 – WATER CONSERVATION EDUCATION/OUTREACH**

Tim Michael – No report. The Chair noted that Group #2 plays an important role in getting the word out. Mr. Wiman asked if the Water Conservation Department has any planned presentations, as it is important to get the message out.

d. **GROUP #3 – WATER CONSERVATION CODES, ORDINANCES & REGULATIONS**

Mr. Pushard: Thank you to Karen on Rainwater Harvesting.

There is a new standard, published by the American Society of Agricultural and Biological Engineers which deals with determining landscape water demands. This will not affect QWEL at all which would be the only place it would impact us. (ANSI Standard) They introduced a plant water factor. EPA is very supportive of this and Mr. Pushard believes it will make its way in to other documents. (The standard needs to be bought; link will be sent by Mr. Pushard to staff and informed them that the draft copy is free.)

Legislative update at next meeting.

The Chair talked about the ISE Water Plans which is important to review.

The WERS training has been pushed back to March 8-9-10, 2016 – Train the Trainer Class – more information to follow.

15. CONSTRUCTION AND WATER PRODUCTION UPDATE – Mr. Robert Wood
(Snow Pack information included in packet). We are off the drought map, going in to the winter with the current conditions, we are looking good and the reservoir is filling up. It is 157% above normal.

Question on Rio Grande Article has been in vote. At a recent PUC they said it was not in effect. Mr. Wood will check on this item as information has been pulled directly from the PUC.

16. NMML RESOLUTION 2015-16

Mr. Wood informed the members that it had been requested for the NMML Resolution to be included in agenda packet. (Informational item to show what passed and did not pass in the water section.)

Mr. Pushard asked if this is going to the legislative session. It was passed in October, 2015 by the NM Municipal League and will go to the 2016 Legislative Session. Councilor Maestas is on the Board for the NM Municipal League and welcomes comments.

The question on supplemental wells does play in to the Water Plan and the OSE.

MATTERS FROM STAFF

VACANCIES – WATER CONSERVATION STAFF & COMMITTEE
WEBSITE AND ADVERTISING – UPDATE

- Poster Entries will be judged on Friday, January 15th at 10:00 am. 173 Entries this year.

ITEMS FOR FEBRUARY, 2016 AGENDA:

Mr. Pushard to send Santa Fe County checklist to Ms. Mortimer.

Green Building WERS Code to be an Action Item for next month agenda.

Water Use Efficiency – Next Agenda as discussion item.

Water System Map – Bring to next meeting and invite David from GIS to attend. We should also invite Education and Outreach staff to this same meeting regarding the Water System Map.

WERS Train the Trainer Class – March 8, 9, 10 – 2016

Tour of McClure Facility in the spring

Re-schedule tour of San Juan

MATTERS FROM COMMITTEE:

QUESTION: 2014 ANNUAL WATER REPORT – link does not go to the Annual Water Report.

MATTERS FROM THE PUBLIC

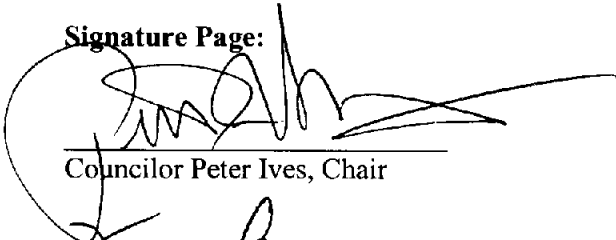
FEBRUARY 13, 2016 – RIVERWIDE VOLUNTEER WATER CLEAN UP DAY 10:00 AM – NOON –
MEET AT FRENCHY'S BARN

NEXT MEETING – TUESDAY, FEBRUARY 9, 2016

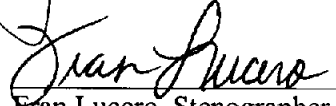
ADJOURN

There being no further business to come before the Water Conservation Committee, the meeting was adjourned at 5:45 pm

Signature Page:



Councilor Peter Ives, Chair



Fran Lucero, Stenographer