



Agenda

DATE 6/10/16 TIME 8:41a
SERVED BY Christine Chavez
RECEIVED BY [Signature]

SANTA FE WATER CONSERVATION COMMITTEE MEETING
CITY HALL - 200 LINCOLN AVE.
CITY COUNCILORS' CONFERENCE ROOM
June 21, 2016
4:00 PM TO 6:00 PM

1. CALL TO ORDER
2. ROLL CALL
3. APPROVAL OF AGENDA
4. APPROVAL OF MINUTES TUESDAY MAY 10, 2016 WATER CONSERVATION COMMITTEE MEETING

ACTION ITEMS:

5. RECOMMENDATIONS ON IMPLEMENTATION OF THE STRATEGIC MARKETING PLAN (Doug Pushard, 15 minutes)

DISCUSSION ITEMS:

6. UPDATE ON THE WATER REUSE PROJECT (William Schneider, 15 minutes)
7. IDENTIFICATION OF NEW PROJECTS AND NEW WORKING GROUPS (Christine Chavez, 20 minutes)
8. DEMO GARDEN (Christine Chavez, 5 minutes)

INFORMATIONAL ITEMS:

9. GROUP REPORTS FROM WATER CONSERVATION COMMITTEE INITIATIVES: (Councilor Ives, 35 minutes)
 - A. GROUP #5- WATER SYSTEM MAP (Stephen Wiman - 10 minutes)
 - B. GROUP #1- TREATED WASTE WATER AS DRINKING WATER SOURCE. (Stephen Wiman - 5 minutes)
 - C. GROUP #2- WATER CONSERVATION EDUCATION/OUTREACH (San Juan Chama Tour - Tim Michael - 5 minutes)
 - D. GROUP #3- WATER CONSERVATION CODES, ORDINANCES & REGULATIONS - (Stephen Wiman, Doug Pushard, Tim Michael, Bill Roth) - CHAPTER 25 REVISIONS (10 minutes)
10. SOURCE OF SUPPLY - DROUGHT UPDATE

MATTERS FROM STAFF:

- Update on Water Conservation Program

MATTERS FROM PUBLIC:

MATTERS FROM COMMITTEE:

NEXT MEETING - TUESDAY July 12, 2016:

CAPTIONS: JUNE 27, 2016 @ 3 PM.

PACKET MATERIAL: JUNE 29, 2016 @ 3 PM.

ITEMS FOR NEXT AGENDA:

Nick Schiavo will brief committee on new billing system and badger meters in August

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.

WATER CONSERVATION COMMITTEE
INDEX
JUNE 21, 2016

Cover Page		Page 0
Roll Call/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. <i>A quorum is not reflected in roll call as quorum is mandated by total membership. Ms. Chavez noted that total membership is 10.</i>	Page 1
Approval of Agenda	Request to move item #6 to first order of business after approval of minutes. <i>Mr. Michael moved to approve the agenda as amended, second by Mr. Wiman, motion carried by unanimous voice vote.</i>	Page 1
Approval of Minutes, May 10, 2016	Mr. Michael questioned if we had a quorum last month? Ms. Chavez said we did not have a quorum because quorum is based on total membership. Ms. Chavez noted that total membership is 10. The question is on items that should or could require another reiteration of the vote as we question the quorum. Correction: Minutes to reflect there was not a quorum last month. There were no action items approved at last month's meeting. Ms. Chavez will include in next month's meeting.	Page 2
Discussion Item #6, Update on the Water Reuse Project	Power Point on file in Water Conservation Office	Page 2-3
Action Items - Recommendations on Implementation of Strategic Marketing Plan	<i>No formal action. Place on next month agenda.</i>	Page 3-4
Discussion Items: Update of Water Reuse Project, Bill Schneider Identification of New Projects and New Working Groups Demo Garden	Informational, Power point available in Water Conservation Office. Informational, no formal action.	Page 4
Informational Items Group Reports	Informational	Page 4-5
Source of Supply Drought Update	Included in Packet, No questions from Committee Members	Page 5

Matters from Staff Update on Water Conservation	Informational	Page 5
Matters from Committee	None	Page 5
Matters from the Public	Informational	Page 5
Next Meeting	Tuesday, July 12, 2016	Page 5
Adjournment and signature	Meeting was adjourned at 6:00 pm	Page 6

**SANTA FE WATER CONSERVATION COMMITTEE MEETING
CITY HALL - 200 LINCOLN AVE.
CITY COUNCILORS' CONFERENCE ROOM**

JUNE 21, 2016
4:00 PM TO 6:00 PM

MINUTES

1. 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 not reflected in roll call as quorum is mandated by total membership. Ms. Chavez noted that total membership is 10.

2. ROLL CALL

Present:

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

Not Present:

Lisa Randall

Staff Present:

Christine Chavez, Water Conservation Manager
Lisa Noriega, Education Compliance Specialist
William (Bill) Schneider, Water Resource Coordinator

Others Present:

Andy Otto, Santa Fe Watershed Association
Justin Lyon, New member to Water Conservation Committee – Next Meeting
Patricio Pacheco, Environmental Scientist, new Water Enforcement Officer, City of SF
Bob Coon, Retired University of Denver, Chemistry
Anna Serrano for Fran Lucero, Stenographer

3. APPROVAL OF AGENDA

Request to move item #6 to first order of business after approval of minutes.

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

4. APPROVAL OF MINUTES – MAY 10, 2016

No changes from staff.

Mr. Michael questioned if we had a quorum last month? Ms. Chavez said we did not have a quorum because quorum is based on total membership. Ms. Chavez noted that total membership is 10. The question is on items that should or could require another reiteration of the vote as we question the quorum.

Correction: Minutes to reflect there was not a quorum last month.
There were no action items approved at last month's meeting.

Ms. Chavez will include in next month's meeting.

DISCUSSION ITEM #6

Update on the Water Reuse Project (William Schneider) 1-hour

Today's presentation is to address the source of supply where they currently stand and where we are projecting growth in supply for the future. (WCC members followed a power point, on file in Water Conservation Office). (7 slides directly related to reclaimed water) Mr. Schneider noted that when he came on board he immediately wrote a grant application responded by the Bureau of Reclamation and are presently working on a Title XVI feasibility study. There are three elements to this study; 1) in terms of alternatives, expanding non potable reuse, 2) return flow credits of exchange to trade water, it's a paper exchange to create wet water. In terms of cost and engineering it is really just conveyance, however when you get in to indirect and direct potable now we are talking about different type of aquifer recovery and storage, you are then talking about water treatment with rigorous requirements and rules are still being formulated. Mr. Schneider continued by discussing the 7 alternatives. A side note, Mr. Schneider showed a picture of one of the monitoring holes at Buckman, natural pressure – basically we have about 5 ft. of artesian head above ground surface. First we will need to know how much water each alternative will produce. You need to have a pragmatic view of the cost of water. Mr. Schneider added that they will be looking in to that quantified measure of storm water containment, infiltration, storm water retention and roof top capture in terms of quantifying the cost and quantity and it will be under the purview of conservation.

Mr. Pushard asked a question related to the 60% which is one of the things they are going to model, what would happen if it would become 50%? Mr. Schneider said he had no reason to think it would go in that direction so the answer is no, not that it couldn't be done. Are you saying the economy is a scale of reduction of that 10% addition could shift the analysis? Mr. Pushard said yes, if you start looking at the predictability of the flow that actually could have an impact and some of them have more ability to change over time than other ones especially water conservation and if you expand water conservation such that as regional for smaller plants

becomes something that we can't do for smaller developments it could impact that 60% and bring it down to a lower number.

The Chair asked, in terms of how much is being diverted, if Mr. Schneider could address this question. Mr. Schneider said what they are doing is quantifying how much water do we have to put in the system to create the quantity of infiltration that reaches ground water that satisfies our pumping offset obligations under our permits.

Q: If the refined water users were all billed for their water usage would that cover the costs for a lot of these projects? Mr. Schneider welcomed the question; it is an assumption that we had to make, it does not, the city will be obligated and committed to honor all existing contracts. Mr. Schneider said, personally he feels this is something the WCC should evaluate.

Thank you to Mr. Schneider for an informative presentation. WCC looks forward to additional updates.

ACTION ITEMS:

5. RECOMMENDATIONS ON IMPLEMENTATION OF THE STRATEGIC MARKETING PLAN(DOUG PUSHARD)

Mr. Pushard submitted a draft memo that was to come from the WCC of the 2006 Strategic Marketing Plan to discuss what we do as a committee. The intent is to have a discussion on the four action items that Mr. Pushard would recommend. Mr. Pushard asked if the committee would be comfortable making this memo from the Water Conservation Committee vs. from Mr. Pushard and the four action items.

Ms. Chavez informed the new members that we have a very large advertising campaign as part of conservation that incorporates a lot of different things, i.e., printing, radio slots, advertisement, and there was question that some of the advertising was going away that created the question. The consulting firm that handles our PR put together a 4-year Marketing Plan which gives us goals to target on, along with demographic information, etc., Ms. Chavez will send to all new WCC members. The committee members wanted time to provide input to the consulting firm, it had made its ways through committees and governing body and this was the result of the WCC not having an opportunity to comment. This is the history and Mr. Pushard took the lead to gather the below mentioned goals to allow us an opportunity to contribute based on the framework that the plan provides.

Mr. Pushard made recommendations.

- 1) Create a score card. If we don't have a score card it is hard to figure out what we do.
 - A. Metrics are important all across the board in measuring and keeping track.
- 2) Prioritize some programs, target Spanish speaking population, and first provide input to WCC members.
- 3) Data upgrade. Lots of material, how can we cut data and recommend specific areas that use lots of water, look at data first and then come up with programs.
- 4) Outdoor rebate program.

Stephen Wiman: Regarding #1, stronger case in the role of water conservation. Water Conservation should be #5.

Bill Roth: We have the most expensive water in the country, citywide conservation is necessary.

Christine Chavez: Come back to Water Conservation for approval.

DISCUSSION ITEMS

6. MOVED TO TOP OF AGENDA

7. IDENTIFICATION OF NEW PROJECTS AND NEW WORKING GROUPS

Memo in packet. Create new groups.

8. DEMO GARDEN

Christine Chavez – Project has been in the works for a very long time. Caryn Grosse took lead with contractor on solar panels. It will not have any potable water outlet, it will be all rain water captured that runs through the system. We have the water in the two existing cisterns and then we have two other barrels we will be pulling water from. Graphic included in the packet shows that it is not too complicated and Ms. Chavez has asked for involvement from the WCC members to volunteer 4 hours. Saturday July 9th or July 23, 2016 are the dates chosen and a doodle has been sent out. Once the garden is done it would be nice to have the WCC to design the sign and we could utilize the space to have classes and meetings, etc. PO will go out July 1st for the solar panels. For future community involvement it would be good to complete this project as a pilot and share how it was done for future garden projects.

INFORMATIONAL ITEMS

9. Group Reports from Water Conservation Committee Initiatives

- a. Group #5 – Water System Map – Stephen Wiman
Mr. Wiman reported that he and Christine met with Bill Schneider and he was not happy with the work that the consultant did and it resulted in letting the consultant go. Bill is working on an interactive map that he will release as a PDF and will also be on the website. He is very committed to getting this completed.
- b. Group #1 – Treated Waste Water as Drinking Water Source – Stephen Wiman
Mr. Wiman noted that it was comforting to know that Bill Schneider was working on this project and the overview today was great. Mr. Wiman asked how they would incorporate all of the public input as the governing body has had several public

meetings on this topic. Mr. Wiman said this is the best work he has seen and in the incorporation in to the long range plan.

- c. Group #2 – Water Conservation Education/Outreach – Tim Michael
San Juan Chama tour, contacted Victor Salazar with Bureau of Reclamation.
Proposed Dates: July 12th thru the 29th – Mr. Michael will check to see if a Saturday is doable. Dates recommended were July 14th, 28th or 29th pending the response from Mr. Michael if a Saturday can be done.
- d. Group #3 - Water Conservation Codes, Ordinances and Regulations – Legislative
Mr. Pushard advised the WCC members of a meeting in the City Councilor's Conference room from 2:00 - 4:00 pm this Thursday on Chapter 25 revisions. This is a land use code specifically with water. Mr. Pushard suggested that members get the paper work ahead of time as the discussion will entail revisions to that code and it will come in to next month's meeting to be voted on and it starts the process of approval through the different city committees. If more time is needed after this meeting, a future date will be set. Ms. Chavez will send out the whole chapter to the WCC members.

Mr. Pushard said he received an update from Catherine Mortimer on the Clean Code and noted that there are two resolutions going forward but did not know if it is the one with staff or without staff. Ms. Chavez stated that Ms. Mortimer has contacted her and asked to be on next month's agenda to discuss this item. Mr. Pushard asked for 20 minutes to discuss this item.

10. Source of Supply Drought Update, Included in Packet – No questions, informational report.

MATTERS FROM STAFF

- Update On Water Conservation Program Activities
 - Appointments for new members should be provided to Ms. Chavez by the City Clerk by June 29, 2016.
 - Lynn Komer and Nick asked to be placed on next month agenda. Ms. Chavez will meet with Ms. Komer beforehand.
 - Ms. Chavez asked the WCC members if they signed up for the Badger Test Group and asked for feedback. Ms. Chavez will send the link for those who would like to sign up.

MATTERS FROM THE PUBLIC

ANDY OTTO – Talked about the building of the demonstration rain garden – rock work has been done by Rain Catchers. This is a live demonstration rain garden off of West Alameda Street.

MATTERS FROM COMMITTEE

NEXT MEETING – TUESDAY, JULY 12, 2016

ITEMS FOR NEXT AGENDA

Clean Code Resolution - Catherine

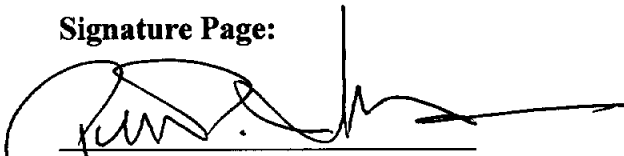
Storm Water Resolution – Melissa McDonald

Jemez/Sangre Regional Water Planning Update – Andrew Erdman

ADJOURN

There being no further business to come before the Water Conservation Committee, the meeting was adjourned at 6:00 PM

Signature Page:



Peter Ives, Chair

Fran Lucero, Stenographer