



Agenda

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**SANTA FE WATER CONSERVATION COMMITTEE MEETING
CITY HALL - 200 LINCOLN AVE.
CITY COUNCILORS' CONFERENCE ROOM
March 14, 2017
4:00 PM TO 6:00 PM**

1. CALL TO ORDER
2. ROLL CALL
3. APPROVAL OF AGENDA
4. APPROVAL OF MINUTES FROM THE FEBRUARY 7, 2017 MEETING

II. ACTION ITEMS:

5. A RESOLUTION SPONSORING THE NEXT GENERATION WATER SUMMIT AND WAIVING ALL SPACE RENTAL FEES FOR USE OF THE SANTA FE COMMUNITY CONVENTION CENTER. (Mayor Gonzales, Randy Randall, 15 minutes)
6. SUBCOMMITTEE ASSIGNMENTS – (Christine Chavez, 10 minutes)

INFORMATIONAL ITEMS:

7. INTERESTED CANDIDATES FOR THE WATER CONSERVATION COMMITTEE (Christine Chavez, 15 minutes)
8. DISCUSSION OF SANTA FE COUNTY POPULATION PROJECTIONS (Tim Michael, 15 minutes)
9. 2016 GPCD (Christine Chavez, 30 minutes)
10. GROUP REPORTS FROM WATER CONSERVATION COMMITTEE WORKING GROUPS
 - A. GROUP A - Irrigation Subcommittee/ Graywater (Doug Pushard, 15 minutes)
 - B. GROUP B - Expansion of the K-12 Education Program (Christine Chavez, 5 minutes)
 - C. GROUP C – Scorecard (Christine Chavez, 5 minutes)
 - C. GROUP D - Water Conservation Codes, Ordinances and Regulations (No update)

MATTERS FROM PUBLIC:

MATTERS FROM STAFF:

MATTERS FROM COMMITTEE:

NEXT MEETING – TUESDAY APRIL 11, 2017:

CAPTIONS: MARCH 27, 2017 @ 3 PM.

PACKET MATERIAL: MARCH 29, 2017 @ 3 PM.

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
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Approval of Minutes, February 7, 2017	Mr. Coombe moved to approve the minutes from February 7, 2017 as presented, second by Mr. Roth, motion carried by unanimous voice vote.	Page 1
Action Items: <ul style="list-style-type: none"> - A Resolution sponsoring the Next Generation Water Summit and waiving all space rental fees for use of the Santa Fe Convention Center. - Subcommittee Assignments 	<p><i>Mr. Roth moved to support the resolution sponsoring the Next Generation Water Summit and waiving all space rental fees for use of the Santa Fe Community Convention Center, second by Mr. Wiman, motion carried by unanimous voice vote.</i></p> <p><i>Mr. Pushard moved to keep the Irrigation Sub Committee, to expand the Education Program sub-committee to a more general format, eliminate the Scorecard Sub Committee, keep the Water Conservation Code Sub-Committee, create three new sub-committees, one for Grants, one for Vacancy and Application review, and a Marketing and Outreach sub-committee, second by Mr. Kauffman, motion carried by unanimous voice vote.</i></p>	Page 2-4
Informational Items <ul style="list-style-type: none"> • Interested Candidates for the Water Conservation Committee 	Informational	Page 4 - 6

<ul style="list-style-type: none"> • Discussion of Santa Fe County Population Projections • 2016 GPVD • Group Reports 		
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1. Call to Order

Acting Chair Lisa Randall called the Water Conservation Committee meeting to order at 4:00 pm in the City Councilor's Conference Room, Santa Fe, NM. Roll call reflects a quorum.

2. Roll Call

Present:

Lisa Randall, Acting Chair

Stephen Wiman

Doug Pushard

Robert Coombe

Aaron Kauffman

Tim Michael

Bill Roth

Not Present:

Councilor Peter Ives, Chair, Excused

Justin Lyon

Others Present:

Andy Otto, Santa Fe Watershed

Glenn Shiftbauer

Kim Shanshan

Scott Burton

David Carr

Anna Serrano for Fran Lucero, Stenographer

3. Approval of Agenda

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

4. Approval of Minutes, February 7, 2017

Mr. Coombe moved to approve the minutes from February 7, 2017 as presented, second by Mr. Roth, motion carried by unanimous voice vote.

5. ACTION ITEMS

A resolution sponsoring the Next Generation Water Summit and waiving all space rental fees for use of the Santa Fe Community Convention Center.

Kim Shanshan, Executive Office of the Home Builders Association. The Next Generation Water Summit is being produced by four distinct entities, the Santa Fe Area Home Builders Association, the Santa Fe Green Chamber of Commerce, the National Green Builder Coalition, and the city of Santa Fe on June 4-6 in Santa Fe. In full disclosure, Mr. Shanshan and Mr. Roth are both on the Board of Directors for the National Green Builders Coalition (non-profit). The four groups are bringing forward the first next generation water summit. It is a 3-day professional summit. Mr.

Shanshan talked about protocol and the three groups they will target as follows; water professionals that work for water jurisdictions in the southwest and we are targeting the southwest primarily that is one group and we call them the influencers. The next groups are people who are in the business water auditing and also have water businesses that do harvesting. Third group are builders, architects and developers who recognize that water is valuable in their industry.

When the Mayor was approached to waive the fee for the convention center he was supportive to do so and initiated the resolution. He supported waiving all days of the conference. In reciprocation and support of this resolution the summit will bring in room rates of attendees over 250 nights which helps our hospitality economy.

Mr. Pushard joined the three gentlemen in planning this conference; Glenn, Kim, Bill and himself. This conference gives them an opportunity to promote Santa Fe and its progressive water conservation and efficiency, use of land use codes. Not all the speakers will be from Santa Fe, there are speakers from Texas, Colorado, California and Nevada. One of the speakers will be Mary Ann Dickerson from the Alliance of Water Conservation and she will speak about a new initiative called Net Blue which Mr. Pushard hopes that the county and the state join in as it allows agricultural land to relinquish water rights without full relinquishing the water.

Ms. Chavez added that as part of the summit they are also offering the QWEL Course and also sponsoring teaching the Grey Water course. Ms. Chavez and her staff have been involved in the planning of this course, thank you to these men who have done the planning and structure for this water summit.

Mr. Shiftbauer did explain that the Resolution will be heard by the Finance Committee and then proceed to the City Council for final action.

Mr. Roth moved to support the resolution sponsoring the Next Generation Water Summit and waiving all space rental fees for use of the Santa Fe Community Convention Center, second by Mr. Wiman, motion carried by unanimous voice vote.

6. Subcommittee Assignments

Ms. Chavez stated that she has reviewed work from the sub-committee that has been done and work that is coming up.

- Irrigation Subcommittee – hoping that the deliverables would be done so they could be pushed out to the schools this year. Reminder is that there are things we aimed to do as part of the sub-committee; to completely re-do the outdoor rebate program to include the self-audit guide and kit by offering the customer more incentives. Caryn has done a great job in creating this guide. The other is to include the bonus on grey water harvesting which they are still working with Land Use; hopes are to have the Grey Water Guide. We have the do-it-yourself Drip Guide that Caryn is also working with the other partners as well. That is quite a bit of work along with the equipment list with certain incentives on certain types of equipment. Ms. Chavez is hesitant along with the directions from the public relations contract to push it out half-way. As it goes, we should spend more time developing all of the pieces, getting the guides printed and push it out next spring. Recommendation is that the Irrigation Subcommittee stand and that we look at the assignments and see if anyone is interested in assisting.

- Education Program – The agenda lists as the Expansion of the K-12 Education Program; certainly we have worked on that program and we are pushing that document forward. They are working with teachers right now to have them look at the different standards that it is aligned with. She would like to change the sub-committee work to general education program as she is finding that when they talk about expansion to other city departments, there are many opportunities to integrate our program. There was an excellent opportunity in the Watershed Program and the city can plug their model in and provide a liaison. This is an important program and there are many partnerships to still expand on. The radio shows have resulted in growing opportunities and partner relationships. Need the committee to be engaged in working for this sub-committee and plug in to other opportunities which allows the Water Conservation sub-committees to present even for 30 minutes. Ms. Chavez would like to keep this program and look at those who are on the committee and welcomes change and additions.
- Scorecard – Caryn has done an excellent job of finalizing the scorecard and it is part of the meeting packet today. The scorecard will be presented to Public Works per Councilor Ives instructions. It is getting great exposure; the sub-committee has done an excellent job. It will be a sister document that will be included in the packet every month which will be a measurement of how they are moving forward on each of the four categories. Scorecard is done – we can remove the sub-committee from our listing, thank you for all the hard work.
- Water Conservation Codes – we should keep on as updates continue and we should continue to present them.
- Grants – we have talked about this before, maybe putting a schedule together for planning and research and talking about the specifics of who it would benefit and affect.
- Short Sub-committee on which applicants will be nominated for Water Conservation Committee. Possibly a week of work to review the applications and move forward to the Mayor for concurrence and appointment. There are two open spaces; one is a county vacancy and the other a city member vacancy.

Ms. Chavez asked for feedback on her recommendations to keep the Irrigation Sub Committee and the Education Program, remove the Scorecard from the agenda, keep codes, talk about whether or not we want grants and a short-term applicant sub-committee.

Mr. Pushard said they need help on the Outdoor Irrigation sub-committee and would like the help. He is also supportive of the grants sub-committee; there should be a session of this committee on what they would do if they did receive a grant. There are a ton of grant opportunities we are missing out on. Ms. Chavez did advise the committee members that the city does have a Grant Writer but for the entire city. Mr. Coombe said that we would need to strategize on what we would do with the grants and assure that we can accomplish the tasks that come with a commitment of a grant. Opportunities are great.

Mr. Otto from the Santa Fe Watershed Association stated that being one in the non-governmental sector who writes a lot of grants that the city should have goals and identify the projects. Mr. Otto said that they go through their grant list on a daily basis to see where it would fit their goals. Ms. Chavez reiterated that they need to work hard with their partnerships, non-profits and how we work with the community which will provide great opportunities for grants for the city.

Ms. Randall expressed her thanks to Ms. Chavez for accepting to participate in the first short term task force for SFPS Organizational Sustainability. SFPS has just written and passed unanimously new board policy to support district wide sustainability.

Mr. Coombe asked if marketing falls under Education. Ms. Chavez noted it falls under Communication and there is a big presentation at next month's meeting. The contractor has her platform ready to present and Ms. Chavez provides her feedback after each meeting. Ms. Chavez recommended speaking in more detail at the next meeting regarding the benchmarks for messaging going forward.

Mr. Wiman would like for the committee and staff to look at the daily report which is in the New Mexican and it could be so much better. It is an inexpensive way to let people know how we are doing for the year or the month looking at the overall water production and precipitation to date. Ms. Chavez said that we should create a working-group to assemble all the pieces. We can refer to it as the daily report; it could be in more places besides the New Mexican where we can convey the public information.

Mr. Pushard is also in support of a short-term working group on communications with the input of the full committee.

Mr. Pushard moved to keep the Irrigation Sub Committee, to expand the Education Program sub-committee to a more general format, eliminate the Scorecard Sub Committee, keep the Water Conservation Code Sub-Committee, create three new sub-committees, one for Grants, one for Vacancy and Application review, and a Marketing and Outreach sub-committee, second by Mr. Kauffman, motion carried by unanimous voice vote.

Sub Committee Assignments:

Stephen Wiman – Marketing and Outreach Sub-Committee

Bill Roth – Marketing and Outreach

Aaron Kauffman – Education and Grant Sub-Committee

Robert Coombe – Education and Grant Sub-Committee

Lisa Randall – Education Program

Doug Pushard & Bill Roth – Vacancy Sub-Committee

INFORMATIONAL ITEMS

7. Interested Candidates for the Water Conservation Committee

Ms. Chavez provided bios for those interested in becoming members of the Water Conservation Committee. Presentations were made verbally.

Mr. David Carr, City Convention Center came by the office in support of the Resolution. The Acting Chair advised Mr. Carr that the Water Conservation Committee members voted in support of the Resolution.

8. Discussion of Santa Fe County Population Projections

Mr. Tim Michael provided a power point presentation titled: Is Population Growth Inevitable? It was included in the meeting packet and Mr. Michael provided a verbal presentation.

Mr. Pushard commented that the population growth for New Mexico since 2010 has fluctuated. If you look at the state of Colorado during the same period of time it grew by 17%, it was people moving in to the state. New Mexico is not growing and we don't have a vision on how to grow the state and our neighbors to the East, Texas is growing.

Mr. Roth said this state is so dependent on federal dollars and federal labs. The lab in Los Alamos is not growing it is shrinking and he did not know if this stands true for Sandia Lab. We are at the beck and call for federal employment and state government. The City of Denver has turned in to a powerhouse. Mr. Coombe said that even though Colorado is growing rapidly they have accurate numbers on limitations on the road that are placed by water resources. 80% of water in Denver is irrigation. Natural resources like water requires extreme planning and people in Colorado are engaged in that.

Mr. Michael appreciated the conversation and reiterated that the causes are not really the point; whatever the causes are – if the causes result in reduced growth, it may change the way we continue our approach. Growth is our future.

9. 2016 GPCD

Ms. Chavez stated that the 2016 GPCD is scheduled to move through PUC and Council in April so staff is on a very tight schedule to get completed by April 1, 2017. It was completed the latter part of January and with changes and recommendations from the committee the work is back in process with one item being the population projections. The methodology from OSE will be sent to the new members in the next meeting packet. Last year our GPCD was 89.6 and we rounded it up to 90 and the first time Ms. Chavez ran it she came in closer to 89. The third time it was run after changes were made on production reports it came down to 85. At that time we started to look at population reports for single/multi-family and it was found that there was a 10% increase in residential account and 13% increase in multi-family accounts. We went back to billing to see if meters were catching more accounts, now they are going back to IT to assure that the data is correct. This issue has to be resolved by next week and update at April meeting.

10. Group Reports from Water Conservation Committee Working Groups

Group A – Irrigation Subcommittee Greywater

Report included in packet. The City of California has taken a lead in Graywater not in water conservation. At a state level there is probably 40-50 communities throughout their state all modeled after a similar program (unknown); Graywater is a solution to their water problem. They have estimated that it is a reduction of 27% for residential to 38% for multi-family. That number for us, because of our winter season, our outdoor irrigation number is not as high as theirs but it would be more like a 20% if we had a more aggressive program.

New Mexico Office of the State Engineer publishes a great Graywater guide and the City of San Francisco has a great greywater guide as well. Tucson also has a greywater rebate. Mr. Pushard provided in the packet samples of the Residential Graywater Permit.

Mr. Roth said that greywater is the low hanging fruit of reclaimed water. From a new construction standpoint that \$500 might pay a plumber to do a pipe appliances or fixtures, depending on the size of the house, city wants to see a diverter valve, \$500 wouldn't necessarily capture the cost of infiltrators or whatever you use, but it would cover the cost. It is awesome to have something to offer.

It was agreed that this topic of discussion will be placed on the May agenda in order to gather more information and to allow enough time for discussion.

Group B – Expansion of the K-12 Education Program

Update at April meeting on feedback from the teachers.

It was asked where the city stands on the “My Water, My Water Shed Program”. Ms. Chavez said that the program went forward without the city participating. We were fortunate to provide to present our model as part of it; more effort needs to be done to get it partially back in the hands of the city. Mr. Otto said that the RFP may come out in May providing that opportunity. SFPS and La Luz moved up to help educate our children.

Group C – Scorecard

The finalized scorecard is in the packet, thank you to Caryn Grosse, she has put so much time in to this. She took everyone’s comments and integrated it in to the document. Ms. Chavez asked the committee members to review. In addition the companion document of information that we will provide every month for the previous month was given to each member. It gives an update on each category as it pertains to the scorecard. This is a two date report; our 2016 baseline report will be structured the same way. It is an alignment with our annual water report. To date we can measure against our score card, it shows the rebate amount, and we have 14% left in the rebate program. (Exhibit A) Radio show has been a great platform to meet new partners and we are scheduled for about 7 weeks out.

FYI: New website is up and running, invitation to the committee to review. Very proud of the content, it launched in the last 2 weeks.

Group D – Water Conservation Codes, Ordinances and Regulations

No updates.

MATTERS FROM THE PUBLIC

Mr. Andy Fertal made a comment on the graywater topic and referred to a graywater model in Florida. Mr. Roth and Mr. Pushard both said that this will be an education process; we need to educate the builders. We look forward to getting this under a Commercial Rebate Program.

MATTERS FROM STAFF

Ms. Chavez stated that the drought report in included with the staff report and is also included in the meeting packet.

Ms. Chavez stated that she was able to secure a full time position for Enforcement Officer and the advertisement will go out very soon. One other vacancy is Ms. Caryn Grosse old position and it is being worked on, more information to follow.

MATTERS FROM COMMITTEE

Ms. Randall stated that SFPS together with the city on the roll out of the smart meters. It was asked if SFPS could monitor all 60 of SFPS meters, which would require 60 separate e-mails, the city is working on this. SFPS is down to 33 million gallons a year from 55 million gallons from 7 years ago. It would be nice to be able to monitor the use from the meters. Ms. Chavez said that she will provide updates once she has the information. It was also noted that commercial meters came in later and she will look in to this.

NEXT MEETING: TUESDAY, APRIL 11, 2017

ADJOURN

There being no further business to come before the Water Conservation Committee, the Acting Chair called for adjournment at 6:00 pm.

Signature Page:



Lisa Randall, Acting Chair



Fran Lucero, Stenographer



Water Conservation Office

Monthly Update: January-February 2017



Education Outreach:

Education Initiative/Children's Water Fiesta:

Met with honors students at Santa Fe High and Monte de Sol to provide resources for developing peer-to-peer presentations for the 2017 Children's Water Fiesta.

Master Gardeners:

Christine Chavez presented as part of 2017 series. Planning to collaborate with MG workshops.



Communication and Customer Service:

Eye On Water Rollout:

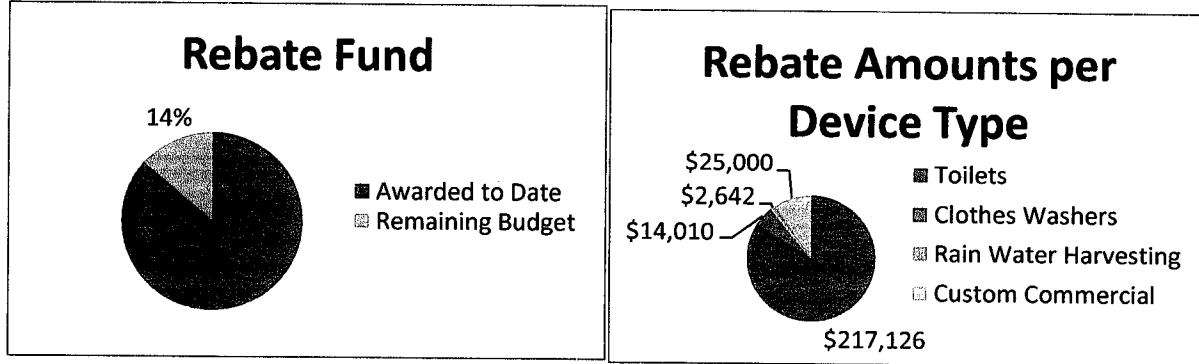
Staffed booth at Santa Fe Area Home Builders Association Home Show, March 11-12, to encourage customers to sign up for app. As of March 14, 1,547 customers have signed up for the app.

Indoor Water Audits:

St Michael's High School and Brother's Residence water audit

Residential and Commercial Rebates:

Remaining fund balance as of March 6, 2017: \$41,222



Rebates awarded FY-to-date:

- HET (all types) 1,468
- Clothes Washers (all types) 47
- Rain Water Harvesting (including rain barrels) 29
- Custom Commercial 1

Strategic Marketing Plan:

- 25 Radio Shows produced
 - Upcoming guests – Reese Baker, William Mee and Tom Dominguez
- 2016 Customer Survey completed
- Eye on Water Campaign (bill inserts/ social media/ Comcast rollovers)
- Water Conservation Committee recruitment
- Social media efforts (Facebook – 653 likes/ Instagram – 487 Followers)
- Website redesign has been launched.

Exhibit A.



Effective Program Management

Organizational Development:

Water Conservation staff attended 2017 Land & Water Summit, February 23-24.

Water Conservation Committee:

Recruitment ads for vacant positions have resulted in 7 candidates so far.

Integration with Water Resources:

- GPCD calculations are currently being reviewed.
- AWWA audit is in progress.
- Annual Water Report information is being gathered.



Stewardship and Conservation:

Regional Collaborations:

- Lisa Noriega is serving on the NMWCA board.
- Caryn Grosse is working with the Xeriscape Council Conference Planning Committee.
- Christine Chavez is participating in the Next Generation Water Summit planning.