



Agenda

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**SANTA FE WATER CONSERVATION COMMITTEE MEETING
RAILYARD – ROUNDHOUSE CONFERENCE ROOM**

500 Market Station, Suite 200

November 14, 2017

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 FROM THE OCTOBER 17, 2017 MEETING

CONSENT AGENDA

6. UPDATE ON CURRENT WATER SUPPLY STATUS (Christine Chavez)
7. MONTHLY OVERVIEW OF SCORECARD PROGRESS (Christine Chavez)

INFORMATIONAL ITEMS:

8. PRESENTATION FROM SCOTT CANNING, HORTICULTURE AND SPECIAL PROJECTS DIRECTOR FOR THE SANTA FE BOTANICAL GARDEN (Scott Canning, Christine Chavez)
9. ENFORCEMENT PRESENTATION (Patricio Pacheco, Christine Chavez)
10. GPCD (Christine Chavez)
11. GROUP REPORTS FROM WATER CONSERVATION COMMITTEE WORKING GROUPS
 - A. GROUP 1 – Irrigation Subcommittee (No update)
 - B. GROUP 2 – General Education Program (Doug Pushard, Christine Chavez)
 - C. GROUP 3 – Marketing Outreach (Christine Chavez)
 - D. GROUP 4 – Water Conservation Codes / Ordinances / Regulation (Christine Chavez)
 - E. GROUP 5 – Grants (Bob Coombe) (No update)
 - F. GROUP 6 – Commercial (Christine Chavez)

MATTERS FROM PUBLIC:

MATTERS FROM STAFF:

MATTERS FROM COMMITTEE:

- COMMITTEE REPORT FROM THE RIVER COMMISSION (Justin Lyon, Christine Chavez)

NEXT MEETING – TUESDAY DECEMBER 12, 2017 (Councilor's Conference Room):

CAPTIONS: Monday, November 27, 2017

PACKET MATERIAL: Wednesday, November 29, 2017

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.

**SUMMARY OF ACTION
 SANTA FE WATER CONSERVATION COMMITTEE
 RAILYARD ROUNDHOUSE CONFERENCE ROOM
 500 MARKET STATION, SUITE 200
 TUESDAY, NOVEMBER 14, 2017, 4:00 PM**

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WATER CONSERVATION CODES/ORDINANCES	INFORMATION/DISCUSSION	10
GRANTS	NO REPORT	10
COMMERCIAL	INFORMATION/DISCUSSION	10
MATTERS FROM THE PUBLIC	NONE	10
MATTERS FROM THE STAFF	NONE	10
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**SANTA FE WATER CONSERVATION COMMITTEE
RAILYARD ROUNDHOUSE CONFERENCE ROOM
500 MARKET STATION, SUITE 200
TUESDAY, NOVEMBER 14, 2017, 4:00 PM**

1. CALL TO ORDER

The meeting of the Santa Fe Water Conservation Committee was called to order by Co-Chair Lisa Randall at 4:00 pm on Tuesday, November 14, 2017, at the Railyard Roundhouse Conference Room, 500 Market Station, Suite 200, Santa Fe, New Mexico.

2. ROLL CALL

MEMBERS PRESENT

Councilor Peter Ives, Chair
Lisa Randall, Co-Chair
Aaron Kauffman
Tim Michael
Stephen K. Wiman
Ken Kirk
Doug Pushard
Bill Roth
Scott Bunton
Justin Lyon

MEMBERS ABSENT

Robert D. Coombe

OTHERS PRESENT

Scott Canning, Santa Fe Botanical Garden
Andy Otto, Watershed Association
Christine Chavez, City of Santa Fe, Water Conservation Manager
Caryn Grosse, Water Conservation
Patricio Pacheco, Water Conservation
Elizabeth Martin, Stenographer

3. APPROVAL OF AGENDA

MOTION A motion was made by Mr. Pushard, seconded by Mr. Lyon, to approve the agenda as presented.

VOTE The motion passed unanimously by voice vote.

4. APPROVAL OF CONSENT AGENDA

MOTION A motion was made by Mr. Pushard, seconded by Mr. Wiman, to approve the consent agenda as presented.

VOTE The motion passed unanimously by voice vote.

5. APPROVAL OF MINUTES, OCTOBER 17, 2017

MOTION A motion was made by Mr. Lyon, seconded by Mr. Kirk, to approve the minutes as presented.

VOTE The motion passed unanimously by voice vote.

CONSENT AGENDA

6. UPDATE ON CURRENT WATER SUPPLY STATUS

7. MONTHLY OVERVIEW OF SCORECARD PROGRESS

INFORMATIONAL ITEMS

8. PRESENTATION FROM SCOTT CANNING, HORTICULTURE AND SPECIAL PROJECTS DIRECTOR FOR THE SANTA FE BOTANICAL GARDEN

Mr. Canning made a presentation which is incorporated herewith into these minutes as Exhibit "1".

Councilor Ives arrived at the meeting and assumed the Chair position.

Mr. Canning said on opening day he was there. It was July 2013 and was a great monsoon day and the meadow filled up. Visitors thought there would be a flood in the garden and that we had designed poorly, but that was what it was supposed to do.

Mr. Kauffman asked what is the annual water use.

Mr. Canning said about 2 households of water on average annually for the entire garden. June is our peak water use.

Ms. Randall asked what value are you giving the household gallon usage.

Mr. Canning said he did not have that available. He used information he obtained from the City.

Chair Ives asked are you aware of the new stormwater plan the city is developing.

Mr. Canning said yes, we met with Melissa McDonald and hope the regulations shake out so that we can use more stormwater.

Chair Ives said we are using an EPA Technical Assistance grant to get the plan done and Tetra Tech for the balance. The more coordination with Melissa the better. We are also looking at more rain gardens around the City.

Chair Ives asked has partnering with the City been done.

Mr. Canning said it is a pass through. We lease land from the City for the footpath. We are hoping it will be extended. They are doing a Museum Hill master plan now with a coordinated effort.

Chair Ives asked who is doing the master plan work.

Mr. Canning said the Museum Hill partners.

Chair Ives asked are they using State funding.

Mr. Canning said yes, and some City funding as well. Both in partnership.

Mr. Kirk said we have talked to Melissa about the stormwater plan and are staying in close contact. The schedule is to wrap up that project by August or September. We will know then where the City is heading and what type of projects are being thought of.

Mr. Lyons asked with the newly acquired land what structure will be there.

Mr. Canning said maybe our Visitors Center but probably not. Maybe the catering kitchen. Our intention is to interoperate what a Juniper and Pinion area looks like.

Ms. Chavez said thank you for coming today. It has been great partnering with the Botanical Gardens. They have so many classes and workshops. We are trying to help promote those. Scott was on the radio show and promoted Eye On Water.

Mr. Canning said he is so glad the City did the smart meters. He goes to that app all the time. When it first started he signed on and within a month he had tracked down some leaks.

Mr. Pushard asked what about a partnership in designing our demonstration garden.

Ms. Chavez said we have the Master Gardeners on board to help with that. They are very excited.

Mr. Canning said thank you for your time.

9. ENFORCEMENT PRESENTATION

Mr. Pacheco with the City of Santa Fe Water Conservation Enforcement Office made a presentation to the Committee.

Mr. Pushard asked is a fee of \$200 enough.

Ms. Chavez said part of the rewrite of Chapter 25 is to allow us to change those amounts. There is lots of discussion right now about that.

Ms. Chavez said this program will be growing this year.

Mr. Pushard asked how many repeat offenders are there. Chronic offenders.

Mr. Pacheco said this summer there were not too many. We do have those offenders who are chronic.

Mr. Roth asked what is the most common offence

Mr. Pacheco said fugitive water and time of day watering. Also sprinkler controllers that are not set properly. They don't know how to set their controllers. He has had to sit down with property manager with a repeat offender to take care of the situation.

Mr. Pushard asked where does the fee money go.

Ms. Chavez said back to the Water Division. Not to us. We have had a lot of issues with enforcement. We had one recently where they had to shut off the water. Making contact with the person who is actually responsible is the biggest issue.

Mr. Roth asked have you popped the City Parks Department.

Ms. Chavez said we get the calls all the time. We always have to deal with things like that. Most of the issues happen very early in the morning.

Mr. Roth asked do you pop the schools.

Ms. Randall said we get courtesy calls, but have never gotten a violation. We

correct whatever the issue is as soon as we get a warning.

Ms. Chavez said most of the time that is what happens.

Chair Ives asked there is the Ordinance that provides for cut off if the water bill is not paid, but does it allow a cut off if someone fails to repair a leak or keeps on violating.

Ms. Chavez said they just developed a threshold for us. If we see continual flow and it continues after we make a visit we can go in and shut the water off. We will tag doors letting the resident know that they need to fix the leak and that if not we will shut them off. 800 leaks a day show up on Badger.

Mr. Pacheco said over 2,000 leaks showed today on Badger.

Ms. Chavez said now we are all partnering to address the problems. Now that we have Eye On Water. We pick the very highest offenders. We can only do about 50 a week.

Ms. Randall said we just got an email from Susan Mora with 10 contiguous flow sites and that is extraordinarily helpful. That is tremendous.

Ms. Chavez said we are trying to address the issue. The data helps us justify how much field work is needed.

Mr. Roth asked when you say Eye On Water you mean on your end.

Ms. Chavez said yes, we look at the Badger data every day.

Mr. Roth asked is there a way to set it up where you get a report of continue flow.

Ms. Chavez said it gives us all of that without a threshold.

Mr. Pacheco said if customers are signed up with Eye On Water a blue raindrop shows up on their account so we know they are signed up.

Chair Ives asked would customers only get their information if they set their own alerts.

Mr. Pacheco said yes.

Chair Ives asked when you put door hangers on you might take a picture of it on the door.

Mr. Pacheco said that is a good idea. At a gated property we have to put in on the gate. He puts it on the gate and in the mailbox as well.

Chair Ives asked does the City need to be able, in the circumstance of a property owner who will not act, to lien the property.

Ms. Chavez said she doesn't know the answer to that. We have a \$36,000 bill that we are looking at right now. At what point do we stop letting them keep racking up that bill. We had to have the authority to shut that water off.

Mr. Pacheco said it is a huge leak. 300,000 gallons a day. It started as a small leak under a portable building and led to bigger leak. Capital Plumbing could not find the leak. We went out there and shut off the water and had Capital Plumbing go in and redo the whole system.

Ms. Chavez said millions of gallons of water were lost.

Ms. Chavez said we are now involved with the meter reader issues and customer service issues. That amount of water lost was so huge. Our enforcement is taking a big role in that. Another thing we are taking on in our office is back flow issues. We will be doing Badger reported reads and our partners will be helping with other issues. We are the only ones with an enforcement mechanism. We will probably be able to justify hiring 3 or 4 more people.

Mr. Roth asked what kind of responses do you get from people.

Mr. Pacheco said we have had a couple of people come in and ask for leak adjustments. In this situation with the large bill it is pretty hostile.

Ms. Randall asked they can only apply for one waiver a year correct

Ms. Chavez said correct.

Ms. Randall asked are we going to take a look at the exceptions like grass, parks and playing fields.

Ms. Chavez said we are looking at that.

Mr. Wiman asked do you have any advice for approaching individuals. Emphasizing rules for vacation rentals would be advisable.

Mr. Pacheco said he approaches people in an apologetic way and has been as considerate as possible. He is not confrontational.

Ms. Chavez said Patricio is very good in the field in interacting with the public. Mario as well. This is a huge opportunity for us now to coordinate with meter readers and customer service in an efficient way. It takes a lot of work and coordination. Thank you Patricio. You are such an amazing person to work with. Great job. He is an

amazing resource.

Chair Ives said bravo.

Ms. Randall said she invited him to take a hard look at the schools. It will help her so she is not the only one knocking on the maintenance guys office. She will have a partner in monitoring.

Mr. Pacheco said he will do that.

Ms. Randall said we will get you any access you need. She was in Boston for a conference and they gave us a \$5 card to spend in the hotel if we choose to not have the sheet and towel service. We could not use it for booze. It was a normal operations thing they did.

Mr. Lyon said that is a good idea

Mr. Roth agreed as well.

Chair Ives said it is a green concierge program. Thank you Patricio for all you are doing.

10. GPCD

Ms. Chavez said there is a memo in your packet on this project. She went to the Public Utility Commission meeting to present this. She wanted to say how grateful she is for Tim's work on this. To have his consent is really good for her. He spent a lot of time helping her figure out the spread sheet.

Ms. Chavez reviewed the memo. It will be 2018 in a couple of months. The trend is going down no matter how we tweak the population. We want to put more information out to the public about how we use this information. It is the individual GPCD numbers that mean more. Our total number went down, single family down, multi family up and commercial up. Any of you that are approached please give them the whole story. Our numbers have been filed with the State Engineer.

Mr. Michael asked did you talk about trying to do this quarterly.

Ms. Chavez said she thought we could pull data quarterly, but because this process went on for so long we were unable to do that. Now that we have the query down we can. 2016 was a challenge. She is so glad we have this information and that it is in our office. We need these indicators to drive what we go after next. Along with the audit.

Chair Ives said having faith in your numbers is so important. Good work. Thank you.

11. GROUP REPORTS FROM WATER CONSERVATION COMMITTEE WORKING GROUPS

A. IRRIGATION SUBCOMMITTEE

No report

B. GENERAL EDUCATION PROGRAM

Ms. Chavez said we have not met in subcommittees since our last meeting. We have been very busy with the passport program. She will be setting up times to meet again. There are some things that have happened.

Mr. Wiman said he happened to have a meeting with Kim Shanahan and he talked about water and education programs. He asked about the Community College and 2 issues that the Committee might want to look at and might be interested in having a condition report on. We have no signage for the Water Program at the Community College. We have enough courses on water at the Community College to do an Associates Degree so water should be advertised to students. It is an Associates Degree that you can transfer to a State College. It is directly transferable. The second item is they are very interested in discussing linking water training programs to jobs. That does not currently exist within the Community College and there is funding for that. We need to have a discussion with them and the water businesses to let them know that there will be trained students.

Mr. Kauffman asked what kind of signage are you talking about.

Mr. Wiman said when you walk into the Trades Building there are signs for Building Sciences and others but not Water. The signs list areas that have Associate Degrees opportunities. We have 5 water classes. He is more than happy to help to get that done.

Mr. Kauffman said his impression is that the majority of students in that program focus on the photo voltaic track. They assume the working opportunities are better through that track. He also has the impression that there is not as much investment on the part of staff to push the water track.

Mr. Wiman said he will work on getting a meeting set up with Carmela.

Ms. Chavez said we will coordinate that through the subcommittee.

Ms. Chavez said the passport program is underway.

Mr. Lyon said through Leadership Santa Fe last month we went out there to the Community College and he was blown away by the bio fuel program. It made him really proud to see what we have out there. It seemed really popular. Maybe in the future we can have a meeting out there and see the greenhouses.

Mr. Wiman said we have one of the best greenhouse guys in the country out there now. He is the instructor.

C. MARKETING OUTREACH

Ms. Chavez said the strategic Marketing Plan is just about completed. She will bring it to the meeting next time.

Mr. Pushard said Councilor Ives asked that a report be done and it is now done. The City of Santa Fe Water Conservation Report. It is in the packet. He reviewed the report which is meant to be all inclusive. He added some things from the Land Use Code that impact our GPCD. A few other things as well. He would like the Committee to comment, update it and send the comments to him. Then we will get it out to the people running for office in the City.

Ms. Chavez said she will send it out electronically.

Mr. Bunton asked are the tables on page 2 comparable.

Mr. Pushard said yes.

Mr. Bunton said he suggests you put a year comparison in.

Chair Ives said we can bring changes to the next meeting or submit them to Doug in between.

Mr. Pushard said that approach will work. Send the information to him in between and we can get toward finalizing that at the next meeting.

Chair Ives said maybe have all input in by the 28th and you can turn it around for the packet for the next meeting.

Chair Ives said he introduced the measure on aquifer storage and recovery. We will put that on the next agenda.

D. WATER CONSERVATION CODES/ORDINANCES

Ms. Chavez said we will have 3 Resolutions coming to the Committee next month. We are working on the Next Generation Water Summit as well. We will be working with some of you to take a look at some of it. Jesse Guillen was very happy with the draft from Scott. It was a huge help to him.

E. GRANTS

No report

F. COMMERCIAL

Ms. Chavez said there is quite a bit of work going on in the commercial area.

She and Glen met with the Restaurant Association President and he was so excited and is a great guy to work with. He is going to push out a big email to all the members and let them know about the program. He had great questions. This is a great start for us. She thinks we will get our 30. There are lots of partnerships to be made there. An email will go out shortly and we should be getting a list.

Chair Ives said please share the email with all of us when it goes out.

Ms. Chavez said we are behind on the timeline, but he will let us present at their meeting to pick up some sites for the program. We will start sitting down with the restaurants this week.

Chair Ives said he is happy to help them with that.

12. MATTERS FROM THE PUBLIC

None.

13. MATTERS FROM THE STATE

None.

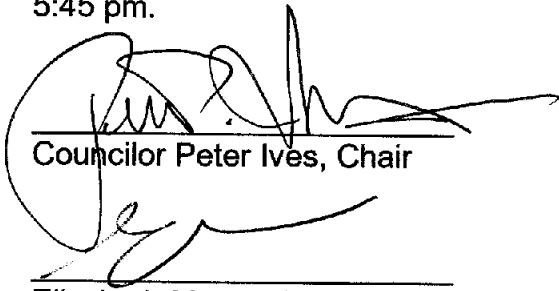
14. MATTERS FROM THE COMMITTEE

None

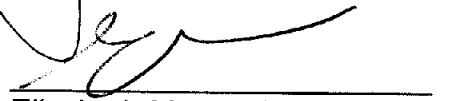
**15. NEXT MEETING
DECEMBER 12, 2017**

16. ADJOURN

There being no further business before the Committee the meeting adjourned at 5:45 pm.

A handwritten signature in black ink, appearing to read 'Peter Ives', is written over a horizontal line. The signature is stylized and extends to the right.

Councilor Peter Ives, Chair

A handwritten signature in black ink, appearing to read 'Elizabeth Martin', is written over a horizontal line. The signature is stylized and extends to the right.

Elizabeth Martin, Stenographer