



CITY CLERK'S OFFICE  
*Agenda*  
DATE 1/3/18 TIME 1:50pm  
SERVED BY Christine Chavez  
RECEIVED BY SSS

**SANTA FE WATER CONSERVATION COMMITTEE MEETING**  
**CITY HALL – 200 LINCOLN AVE.**  
**CITY COUNCILORS' CONFERENCE ROOM**  
January 9, 2018  
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 DECEMBER 12, 2017 MEETING

**CONSENT AGENDA:**

6. REQUEST FOR APPROVAL OF A RESOLUTION SPONSORING THE NEXT GENERATION WATER SUMMIT AND WAIVING ALL SPACE RENTAL FEES FOR USE OF THE SANTA FE CONVENTION CENTER FOR 2018. (Mayor Gonzales and Councilor Ives)(Christine Chavez)
7. REQUEST FOR APPROVAL OF RESOLUTION NO. 2018-\_\_\_\_. A RESOLUTION TO PROVIDE INCENTIVES FOR VOLUNTARY GRAY WATER HARVESTING IN THE CITY OF SANTA FE, NEW MEXICO BY MEANS OF AN EXISTING REBATE PROGRAM. (Councilor Ives)(Christine Chavez)
8. REQUEST FOR APPROVAL OF RESOLUTION NO. 2018-\_\_\_\_. A RESOLUTION IN SUPPORT OF A CAMPAIGN TO FOCUS ON VOLUNTARY WATER CONSERVATION BY RESTAURANTS IN THE CITY OF SANTA FE, NEW MEXICO (Councilor Ives)(Christine Chavez)
9. MONTHLY OVERVIEW OF SCORECARD PROGRESS FOR DECEMBER 2017 (Christine Chavez)

**ACTION ITEMS:**

10. APPROVAL OF FINAL SCORING FOR THE 2017 SCORECARD AND APPROVAL OF THE 2018 SCORECARD. (Christine Chavez)

**INFORMATIONAL ITEMS:**

11. ROUND TABLE DISCUSSION WITH WATER DIVISION DIRECTOR (Rick Carpenter)(Christine Chavez)
12. DISCUSSION OF RESOLUTION ON FINAL RIVER STUDY (Councilor Ives)(Alan Hook)
13. NEW MEXICO FIRST SUMMARY (Doug Pushard)(Christine Chavez)
14. GROUP REPORTS FROM WATER CONSERVATION COMMITTEE WORKING GROUPS
  - A. GROUP 1 – Irrigation Subcommittee (Christine Chavez)
  - B. GROUP 2 – General Education Program/ Grants (No Update)
  - C. GROUP 3 – Scorecard Subcommittee (Christine Chavez)
  - D. GROUP 4 – Water Conservation Codes / Ordinances / Regulation (No Update)

**MATTERS FROM PUBLIC:**

**MATTERS FROM STAFF:**

**MATTERS FROM COMMITTEE:**

**NEXT MEETING – (Councilor's Conference Room):**

**CAPTIONS:** January 29, 2018

**PACKET MATERIAL:** January 31, 2018

**SANTA FE WATER CONSERVATION COMMITTEE MEETING  
CITY HALL, 200 LINCOLN AVENUE  
CITY COUNCILOR'S CONFERENCE ROOM  
TUESDAY, DECEMBER 12, 2017, 4:00 PM**

<b><u>ITEM</u></b>	<b><u>ACTION</u></b>	<b><u>PAGE</u></b>
CALL TO ORDER		1
ROLL CALL	QUORUM	1
APPROVAL OF AGENDA	APPROVED	1
APPROVAL OF CONSENT AGENDA	APPROVED	2
APPROVAL OF MINUTES NOVEMBER 14, 2017	APPROVED	2
<b><u>CONSENT AGENDA</u></b>		
UPDATE OF CURRENT WATER SUPPLY STATUS	APPROVED	2
MONTHLY OVERVIEW OF SCORECARD PROGRESS	APPROVED	2
ANNUAL WATER REPORT	APPROVED	2
<b><u>ACTION ITEMS</u></b>		
STRATEGIC MARKETING PLAN TIMELINE DOCUMENT	APPROVED	2-4
SUBCOMMITTEE CHANGES AND REAPPOINTMENTS	APPROVED	5-7
<b><u>INFORMATIONAL ITEMS</u></b>		
NEXT GENERATION WATER	INFORMATION/DISCUSSION	7-8

## **SUMMIT UPDATE**

### **GROUP REPORTS FROM WATER CONSERVATION COMMITTEE WORKING GROUPS**

<b>IRRIGATION SUBCOMMITTEE</b>	<b>NONE</b>	<b>8</b>
<b>GENERAL EDUCATION PROGRAM</b>	<b>INFORMATION/DISCUSSION</b>	<b>8-9</b>
<b>MARKETING OUTREACH</b>	<b>INFORMATION/DISCUSSION</b>	<b>9</b>
<b>WATER CONSERVATION CODES</b>	<b>INFORMATION/DISCUSSION</b>	<b>9-10</b>
<b>GRANTS</b>	<b>INFORMATION/DISCUSSION</b>	<b>10</b>
<b>COMMERCIAL</b>	<b>NONE</b>	<b>10</b>
<b>MATTERS FROM THE PUBLIC</b>	<b>INFORMATION/DISCUSSION</b>	<b>10</b>
<b>MATTERS FROM STAFF</b>	<b>INFORMATION/DISCUSSION</b>	<b>10-11</b>
<b>MATTERS FROM COMMITTEE</b>	<b>INFORMATION/DISCUSSION</b>	<b>11</b>
<b>MATTERS FROM THE CHAIR</b>	<b>INFORMATION/DISCUSSION</b>	<b>11</b>
<b>ADJOURN</b>	<b>ADJOURNED</b>	<b>11</b>

**SANTA FE WATER CONSERVATION COMMITTEE MEETING  
CITY HALL, 200 LINCOLN AVENUE  
CITY COUNCILOR'S CONFERENCE ROOM  
TUESDAY, DECEMBER 12, 2017, 4:00 PM**

**1. CALL TO ORDER**

The meeting of the Santa Fe Water Conservation Committee meeting was called to order by Chair Councilor Peter Ives, at 4:00 pm, on Tuesday, December 12, 2017, at City Hall, in the City Councilor's Conference Room, 200 Lincoln Avenue, Santa Fe, New Mexico.

**2. ROLL CALL**

**MEMBERS PRESENT**

Councilor Peter Ives, Chair  
Lisa Randall, Co-Chair  
Aaron Kauffman  
Tim Michael  
Stephen K. Wiman  
Doug Pushard  
Scott Bunton  
Justin Lyon  
Robert D. Coombe

**MEMBERS ABSENT**

Ken Kirk, Excused  
Bill Roth

**OTHERS PRESENT**

Christine Chavez, City of Santa Fe, Water Conservation Manager  
Andrew Erdman, Water Department  
Andy Otto, Watershed Association  
Caryn Grosse, Water Conservation  
Arianna Espinoza, Water Conservation  
Elizabeth Martin, Stenographer

**3. APPROVAL OF AGENDA**

**MOTION** A motion was made by Ms. Randall, seconded by Mr. Wiman, to approve the agenda as presented.

**VOTE** The motion was approved unanimously by voice vote.

#### **4. APPROVAL OF CONSENT AGENDA**

**MOTION** A motion was made by Mr. Bunton, seconded by Mr. Coombe, to approve the consent agenda as presented.

**VOTE** The motion was approved unanimously by voice vote.

#### **5. APPROVAL OF MINUTES NOVEMBER 14, 2017**

Mr. Wiman said where it says on page 8 Mr. Wiman said it should be Mr. Pushard said.

Mr. Coombe said he was excused for the meeting.

**MOTION** A motion was made by Ms. Randall, seconded by Mr. Wiman, to approve the minutes as amended.

**VOTE** The motion passed unanimously by voice vote.

#### **6. CONSENT AGENDA**

- A. UPDATE OF CURRENT WATER SUPPLY STATUS**
- B. MONTHLY OVERVIEW OF SCORECARD PROGRESS**
- C. ANNUAL WATER REPORT**

#### **7. ACTION ITEMS**

##### **A. STRATEGIC MARKETING PLAN TIMELINE DOCUMENT**

Ms. Chavez said these documents came out of the Subcommittee. The timeline, executive summary and plan are in your packets. It was Mr. Wiman's idea to improve the graphics. We developed that, but are still working with getting it on the billing. Another idea from the Subcommittee was to build a campaign that markets strategic initiatives such as how to videos for the website and what the rates pay for. Most of those ideas are in the plan. Stephen and Doug will talk about the documents.

Mr. Pushard reviewed the timeline document in the packet. Caryn did the graphics and she did a very good job. It is a useful document. It will be good for candidates for office to use for information. Thank you to Christine and Caryn for their work. We would like to see the Committee approve this for distribution and to put on the website.

Mr. Pushard said hopefully all of you have reviewed the executive summary and the strategic marketing plan. He would like to take edits from the Committee and then vote to approve the document with the edits.

Mr. Bunton said on the first line, page 1, drought-prone is correct, but there should be no additional hyphen after prone.

Mr. Coombe said in the 4<sup>th</sup> paragraph, page 1, add a footnote on the graph page that says \*GPCD numbers are not calculated using the same methodology. From 1995 to 2011 the calculation used the City methodology and from 2011 to present the OSE.

Chair Ives said in the 1<sup>st</sup> paragraph it should say, is neither always beneficial.

Mr. Lyon said in the first sentence after the graph it should say have expanded and become more diverse...

Mr. Bunton said in the first paragraph, page 2, it should be how it is treated and used...

Mr. Wiman said in the second paragraph, page 2, it needs to be *eyeonwater*. No spaces and italics.

Mr. Wiman said in the 3<sup>rd</sup> paragraph, page 1, it references 3 water sources. It should be changed to reflect 6 water sources as is said in the plan.

Mr. Erdman said 6 is what we are going to use in our reporting so 6 would be consistent.

Mr. Wiman said in the 3<sup>rd</sup> paragraph, page 1, make that consistent with the strategic marketing plan wording.

Chair Ives said in the 2nd paragraph, page 1, it should say creation of water budgets...and the creation of tiered water rates.

Mr. Bunton said in the 1<sup>st</sup> paragraph, it should say and establishment of rebates.

Mr. Bunton said in the 3<sup>rd</sup> paragraph it should say which improves ...

Mr. Lyon said in the 3<sup>rd</sup> paragraph, 3 lines from bottom, it should be sector-specific.

Chair Ives said in the 4<sup>th</sup> paragraph, page 2 it should say resiliency issues and resources...

Mr. Lyon said in that same paragraph it should say the City's water resources and the Water Resources and Conservation Group is working...

Mr. Wiman said in the 3<sup>rd</sup> from the end paragraph it should say graywater as one word.

Mr. Bunton said the last sentence, 2<sup>nd</sup> paragraph, page 2, where it says more clearly shows.... change to Utility Billing and Customer Service.

Chair Ives said also it should be Water Conservation Office staff.

Mr. Pushard said there is no reference to pricing in the content. In the 2<sup>nd</sup> paragraph, page 1, add after tiered water rates...which have contributed to the decrease in water consumption.

Mr. Coombe said in the 4<sup>th</sup> paragraph remove the sentence beginning Santa Feans in it's entirety.

Chair Ives said add to the first paragraph, page 1, only with the engagement and participation of all Santa Feans are these programs effective.

Ms. Chavez said these documents will show up again in additional plans we will all work on. This gives us something to hand out so that everyone is consistent in their comments.

Mr. Wiman said thank you for all for your feedback and input. It made a big improvement in this.

Mr. Coombe said the numbers in the graph in light green are those also contributions to the water bank.

Ms. Grosse said that is correct.

Chair Ives said the graph is great in terms of all the information in it.

Mr. Pushard said good job Caryn. Everyone agreed

**MOTION** A motion was made by Mr. Pushard, seconded by Mr. Wiman, to approve the executive summary document as edited for submission and distribution.

**VOTE** The motion passed unanimously by voice vote.

## **B. SUBCOMMITTEE CHANGES AND REAPPOINTMENTS**

Ms. Chavez said she would like to propose a couple of shifts in the Subcommittee work. We have a big thing coming up in moving up the timeline for the 5 year Water Conservation Plan. She would like to align the plans with fiscal years and the budgeting for that fiscal year. We need to have that done by the fall of 2019. We have a year to work on the plan. She really wants the Committee to be heavily involved in the plan this time. There is plenty of expertise on this Committee to do it without a consultant.

Ms. Chavez said we have 6 Subcommittees now. She would like to propose that we discontinue the Commercial Subcommittee until we get the contract in place. It is on hold until then. She would like to combine the Education and Grants Subcommittee, get rid of the Strategic Marketing Subcommittee as the deliverables are done for that and keep the Codes Subcommittee. She would like to form a Score Card Subcommittee to come up with the 2018 score card and to start looking at a 5 year score card that will lead us into starting a Water Conservation Planning Subcommittee for the plan. We can give everyone a chance to move to where they want to be.

Everyone nodded in agreement.

Chair Ives said it is a smart way to go about it.

Ms. Chavez said thank you for your support of this.

Mr. Coombe said really the Score Card Subcommittee is much more about planning. The presumption is that this should be the work of the Committee as a whole. What is the role of the Subcommittee.

Ms. Chavez said when we break out into subcommittees we need to come up with pretty much the final product and bring that back to the Committee for approval. There will be discussions there especially with the 5 year plan and goals. The 5 year strategy group will move into the plan group eventually. We need the 2018 score card worked on immediately. We want the Committee to be involved in everything and can send out drafts to get feedback. We will have to strategize a time line.

Mr. Pushard asked what is the driver causing us to have significant work between now and the next meeting. Could we use the next meeting as input into that process.

Mr. Coombe said for the development of 5 year goals the whole Committee should be involved.

Ms. Chavez said between now and next Committee meeting the 2018 score card needs to be in place to be brought to the meeting for approval at the January meeting.



Ms. Chavez said next months meeting is pretty full already. Rick Carpenter offered to come in and hold a round table discussion with the Committee. We have 3 Resolutions to discuss in January as well. Maybe the Subcommittee could start to gather some ideas and do a working session in February and get it out in March.

Mr. Coombe said if you define the Score Card Subcommittee as doing the score card, but with the 5 year plan make it a document prep group that will solicit input from the whole Committee that would work.

Mr. Michael asked would we reach the goals in February.

Ms. Chavez said she is hoping we can come up with an efficient way to do most of the work in the Subcommittee. When it is rehashed and rehashed in the entire Committee nothing gets done. It needs to be drafted and sent out and reviewed by each Committee member before the meeting where we take input. This is a new experience for her and she is trying to find something that works. We have to come up with an approach.

Mr. Pushard said he proposes that since January is packed we use the February meeting as a brainstorming meeting of what the Committee would like to see. If the Subcommittee comes up with a draft it will just get completely rewritten by the Committee.

Ms. Chavez said at least we could have the Subcommittee bring to the meeting what the structure would be.

Mr. Coombe said we just need to define the Subcommittee.

Chair Ives said at the next meeting hand out the last plan and get a skeleton plan moving forward. The Committee as a whole needs to actively participate in that. We can have the Subcommittee propose the structure.

Ms. Chavez said that is great.

Mr. Michael asked can you send us the last plan.

Ms. Grosse said she will place it in Dropbox along with the guidelines.

Mr. Michael said also send to Dropbox a pdf of the last annual water report.

**MOTION** A motion was made by Mr. Bunton, seconded by Mr. Coombe, to proceed with the process as outlined in the discussion and with the new 4 Subcommittee structure.

**VOTE**        The motion passed unanimously by voice vote.

Ms. Chavez said this is an opportunity for anyone to let her know where they would like to serve. Is anyone ready to commit to a Subcommittee.

Chair Ives said we can give more time to fill out the Subcommittees except the Score Card Subcommittee which needs to meet right away.

Mr. Michael, Mr. Wiman and Mr. Coombe said they would like to serve on the Score Card Subcommittee.

Mr. Pushard, Mr. Lyon and Mr. Kauffman said they would like to serve on the Irrigation Subcommittee.

Mr. Pushard, Mr. Wiman and Mr. Bunton said they would like to serve on the Water Conservation Codes Subcommittee.

Chair Ives said we don't mean to limit participation to members of this Committee. Members of the public can serve as well. Keep other folks in mind.

Chair Ives asked if we are eliminating the Commercial Subcommittee does that contain any implications on that program.

Ms. Chavez said it is still ongoing, but we are bottle necked at Finance with getting the contracts in place.

Mr. Pushard said the role of the Subcommittee is on hold until we get a contract through Finance. It is at starting gate with the contract. Maybe Chair Ives can help.

Chair Ives said that he would.

Chair Ives said the City was able to put in place a settlement on supplemental wells that was favorable to the City. He going to reintroduce measures to put meters on wells.

## **8. INFORMATIONAL ITEMS**

### **A. NEXT GENERATION WATER SUMMIT UPDATE**

Mr. Pushard handed out draft schedule which is attached herewith to these minutes as Exhibit "1". He reviewed the schedule with the Committee.

Mr. Pushard said there will be other things going on such as Bill Hoffman, the father of commercial water audits in the country, will speak at the conference and will do a commercial audit class before or after the convention as well.

Chair Ives asked what are the dates.

Mr. Pushard said April 29 and 30 and May 1<sup>st</sup>. There will be a Resolution on waiving conference center fees for consideration out at next meeting. Chair Ives and the Mayor are on the Resolution.

Mr. Pushard said we are going to run ads in water magazines and the website is up and running.

## **B. GROUP REPORTS FROM WATER CONSERVATION COMMITTEE WORKING GROUPS**

### **1. IRRIGATION SUBCOMMITTEE**

No report.

### **2. GENERAL EDUCATION PROGRAM**

Mr. Coombe reported that there has been a lot of activity. The Passport program is an enormous hit and an enormous amount of work for staff. It is a great program. Each of the elements is correlated with common core standards and each has pre and post testing protocol. We are thinking about how we can do a more robust assessment of the whole program. We have reached out to UNM's College of Education regarding the possibility of collaborating with us to produce a robust evaluation proposal. They asked that we send them the written program. That was done and they are shopping it around with the faculty there. It would likely require the aid of a graduate student. The hope is that we can identify a collaborator. There is some real opportunity at NMSU as well and maybe money to support it. Things are going well. We are talking a bit about working with the Community College and developing a degree program there. There are leadership changes going on so that is not so near term at this point.

Chair Ives said you are deeply engaged with the public schools. Is there anything this Committee can do to assist in that engagement.

Ms. Randall said she had a conversation with Ann Black with the Community College. They are looking to submit a NOAA pre application for an environmental literacy program. They would be using funding up to a quarter of a million to help develop curriculum around resilience and to have someone oversee and facilitate the program. Basically all they needed for the pre application was a commitment from us as

a partner. We said we have no financial resources to share, but we did commit. That is happening. It is really exciting. Also she just got the authorization for a new position she has been working for several years to obtain. It is the position for a Sustainability Program Specialist. It will be to create a bridge between the current program and the engagement with the classroom. That is huge.

Mr. Coombe said regarding the proposal for NOAA, the Community College is an unusual landing place for curriculum development.

Ms. Randall said they would be facilitating the development of curriculum.

Mr. Coombe said the program we have here is really ripe for development.

Chair Ives said thank you for all that good work.

### **3. MARKETING OUTREACH**

Ms. Chavez said the Strategic Marketing Plan is in your packet so you can see the direction our contractor is moving. The Subcommittee had lengthy discussions on this with Lynn. The plan is flexible but outlines our main objectives.

### **4. WATER CONSERVATION CODES**

Ms. Chavez said Andrew is organizing the work for section 25. It is a great opportunity for us to open the door to offer language without going through an Ordinance change. He is doing a great job.

Chair Ives asked will we be seeing that in January.

Ms. Chavez said no, he will let her know when. The subcommittee will offer edits and then bring it back to the Committee for edits.

Chair Ives said it would be great to have that the month before the meeting. It will take a long time to go through it.

Mr. Bunton asked what is the status of the Resolutions on graywater and restaurants.

Ms. Chavez said they are drafted and ready to go, but she was waiting for the water summit Resolution. They will all be introduced tomorrow night. She has worked with Chair Ives on a couple of changes.

Mr. Pushard said the International Code Committee he sits on had their last code committee meeting last week. We approved the final edits for that and it will go out for

public voting in January. It is over 100 pages long. The idea is that it should pass and become code in the fall of 2018. 2 ½ years later that committee's work is done.

Mr. Pushard asked the New Mexico first workshop, is anyone going. He is and will update everyone at the meeting next month. It is a round table on water.

Chair Ives said we will be looking at the ASR measures at the next meeting.

## **5. GRANTS**

Mr. Kauffman said we met last week. Tentatively we have settled on looking for small funding sources through the Bureau of Reclamation to produce short videos to use on the City website to educate the parents of the students passing through the Passport program.

Ms. Randall said that is a great idea.

Mr. Pushard said make sure it is bilingual.

Chair Ives said it would be very well received by Council as well.

Mr. Pushard said Christine is already contacting someone about the grants from the Bureau of Reclamation.

Ms. Chavez said it is a great learning opportunity for us to know where our resources are needed for grant writing.

## **6. COMMERCIAL**

No report.

## **9. MATTERS FROM THE PUBLIC**

Doug Pushard, in the audience, introduced himself as Doug's dad. This brings back a lot of memories of when he went to Las Vegas, Nevada to work on environmental programs.

Chair Ives said we enjoy Doug's leadership and participation. He is a force for water in Santa Fe and has been for a number of years. The conference he put on last year was impressive and it looks like the one for this year will be as well.

## **10. MATTERS FROM STAFF**

Ms. Chavez handed out an educational coffee mug to all of the members. She said thank you for all your work this past year.

Chair Ives said thank you

## **11. MATTERS FROM COMMITTEE**

Mr. Lyon said the Mayoral candidates were on KSFR. Marie Campos talked a lot about water and sustainability and affordability as it relates to water rates. Someone may want to reach out to her. She was not very positive. Maybe we need to do some education on the topic.

Mr. Wiman asked that Rick Carpenter cover the water bank in his round table discussion and give the Committee a water bank summary.

Ms. Chavez said Alan and Andrew will be there as well.

Ms. Randall said she wants to give praise to *eyeonwater*. She was able to set up 68 accounts for the public schools. They are set to monitor continuous flow. We have identified and stopped 3 leaks in the past 2 weeks. It is fabulous.

## **12. MATTERS FROM THE CHAIR**

Chair Ives said the best of the holiday season to everyone. Enjoy. He can't think of a better place to enjoy the holidays than Santa Fe. Thank you as we close out this year for all your hard work. He sings the praises of this group whenever he has the opportunity to do so. It is wonderful to see the incredible intelligence and devotion to water issues that this group exemplifies.

## **13. ADJOURN**

There being no further business before the Committee, the meeting adjourned at 6:10 pm.

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Councilor Peter Ives, Chair



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Elizabeth Martin Stenographer

# City of Santa Fe, New Mexico

## LEGISLATIVE SUMMARY

### Resolution No. 2018-\_\_\_\_ Gray Water Conservation Program

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**SPONSOR(S):** Councilors Ives, Lindell, Villarreal and Rivera

**SUMMARY:** The proposed resolution provides incentives for voluntary gray water harvesting in the city of Santa Fe, New Mexico, by means of an existing rebate program.

**PREPARED BY:** Jesse Guillen, Legislative Liaison

**FISCAL IMPACT:** Yes

**DATE:** December 15, 2017

**ATTACHMENTS:** Resolution  
FIR

1                                   **CITY OF SANTA FE, NEW MEXICO**

2                                   **RESOLUTION NO. 2018-\_\_**

3                                   **INTRODUCED BY:**

4  
5           Councilor Peter N. Ives

Councilor Signe I. Lindell

6           Councilor Renee D. Villarreal

Councilor Christopher M. Rivera

7  
8  
9  
10                               **A RESOLUTION**

11   **TO PROVIDE INCENTIVES FOR VOLUNTARY GRAY WATER HARVESTING IN**  
12   **THE CITY OF SANTA FE, NEW MEXICO BY MEANS OF AN EXISTING REBATE**  
13   **PROGRAM.**

14  
15       **WHEREAS**, the City of Santa Fe aspires to become the water conservation capital of the  
16 nation; and

17       **WHEREAS**, water is a vital substance without which human, animal, and plant life  
18 cannot exist, and is of especially high value in a high-altitude, arid environment such as Santa Fe  
19 where supply may intermittently be interrupted and become insufficient to meet demand; and

20       **WHEREAS**, demand for water in northern New Mexico has increased over the past fifty  
21 years due to population increases and the City of Santa Fe becoming a top tourism destination in  
22 the Southwest; and

23       **WHEREAS**, Santa Fe and the surrounding territory has experienced severe droughts at  
24 various times in recent years; and

25       **WHEREAS**, the ability of Santa Fe's reservoirs, aquifers in the City and Buckman well



1 fields, and permissible intake from the Buckman Diversion facility to supply Santa Fe's water  
2 needs is limited, and cannot expand infinitely to meet increasing demand; and

3 **WHEREAS**, the City of Santa Fe has one of the leading water conservation programs in  
4 the country, but, to date, gray water harvesting, a potential means for reducing consumption of  
5 potable water, has not received significant attention as part of the conservation program, and the  
6 water consumption reductions it can provide have not been realized; and

7 **WHEREAS**, harvesting and proper use of gray water for irrigation and other outdoor  
8 purposes can significantly reduce consumption of potable water for these purposes; and

9 **WHEREAS**, it is unequivocally in the best interest of Santa Fe, its residents, and its  
10 businesses to act wisely and decisively to ensure its supply of clean water will be sufficient to  
11 meet its needs into the future; and

12 **WHEREAS**, Santa Fe residents and businesses are encouraged by the Mayor and City  
13 Council to voluntarily reduce their water consumption.

14 **NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE**  
15 **CITY OF SANTA FE** that:

16 SECTION 1. The City of Santa Fe supports Incentives for Gray Water Harvesting in the  
17 City of Santa Fe, New Mexico, by means of a rebate program, and wishes to begin with a  
18 'Laundry to Landscape' diversion incentive, as 'Laundry to Landscape' is typically a relatively  
19 easy and inexpensive way to retrofit existing homes to harvest gray water, and with a return on  
20 investment of fewer than nine months.

21 SECTION 2. The City of Santa Fe Water Division will implement a program to provide a  
22 rebate for installing an operational gray water diversion system. The City of Santa Fe Water  
23 Division is authorized to include this rebate program within the existing Water Conservation  
24 Rebate Program, and to expend funds appropriated to that Program for this purpose; no new  
25 funding is authorized for the gray water diversion program.

SECTION 3. The program is to be implemented immediately and will continue into future years, through communication and outreach strategies and provision of rebates to assist Santa Fe home and building owners and builders to conserve water and reduce their costs for doing so.

SECTION 4. This resolution shall be effective immediately upon adoption.

PASSED, APPROVED AND ADOPTED this \_\_\_\_\_ day of \_\_\_\_\_, 2017.

JAVIER M. GONZALES, MAYOR

ATTEST:

YOLANDA Y. VIGIL, CITY CLERK

APPROVED AS TO FORM:

Kelley A. Brennan  
KELLEY A. BRENNAN, CITY ATTORNEY

KELLEY A. BRENNAN, CITY ATTORNEY

## City of Santa Fe Fiscal Impact Report (FIR)

This Fiscal Impact Report (FIR) shall be completed for each proposed bill or resolution as to its direct impact upon the City's operating budget and is intended for use by any of the standing committees of and the Governing Body of the City of Santa Fe. Bills or resolutions with no fiscal impact still require a completed FIR. Bills or resolutions with a fiscal impact must be reviewed by the Finance Committee. Bills or resolutions without a fiscal impact generally do not require review by the Finance Committee unless the subject of the bill or resolution is financial in nature.

### Section A.      General Information

(Check) Bill: \_\_\_\_\_ Resolution:   X  

(A single FIR may be used for related bills and/or resolutions)

Short Title(s): **A RESOLUTION TO PROVIDE INCENTIVES FOR VOLUNTARY GRAY WATER HARVESTING IN THE CITY OF SANTA FE, NEW MEXICO BY MEANS OF REBATE PROGRAM.**

Sponsor(s): Councilor Ives

Reviewing Department(s): PUD /Water Conservation

Persons Completing FIR: Christine Chavez Date: 12/1/2017 Phone: 955-4219

Reviewed by City Attorney: Kelley A. Brennan Date: 12/6/17  
(Signature)

Reviewed by Finance Director: Rob K. [Signature] Date: 12/6/17  
(Signature)

### Section B.      Summary

Briefly explain the purpose and major provisions of the bill/resolution:

**We are adding graywater incentives to our current rebate program.**

### Section C.      Fiscal Impact

**Note:** Financial information on this FIR does not directly translate into a City of Santa Fe budget increase. For a budget increase, the following are required:

- a. The item must be on the agenda at the Finance Committee and City Council as a "Request for Approval of a City of Santa Fe Budget Increase" with a definitive funding source (could be same item and same time as bill/resolution)
- b. Detailed budget information must be attached as to fund, business units, and line item, amounts, and explanations (similar to annual requests for budget)
- c. Detailed personnel forms must be attached as to range, salary, and benefit allocation and signed by Human Resource Department for each new position(s) requested (prorated for period to be employed by fiscal year)\*

#### **1. Projected Expenditures:**

- a. Indicate Fiscal Year(s) affected – usually current fiscal year and following fiscal year (i.e., FY 03/04 and FY 04/05)
- b. Indicate:      "A" if current budget and level of staffing will absorb the costs  
                      "N" if new, additional, or increased budget or staffing will be required
- c. Indicate:      "R" – if recurring annual costs  
                      "NR" if one-time, non-recurring costs, such as start-up, contract or equipment costs
- d. Attach additional projection schedules if two years does not adequately project revenue and cost patterns
- e. Costs may be netted or shown as an offset if some cost savings are projected (explain in Section 3 Narrative)

Finance Director: \_\_\_\_\_

\_\_\_\_\_ Check here if no fiscal impact

Column #:	1	2	3	4	5	6	7	8
	Expenditure Classification	FY <u>17/18</u>	"A" Costs Absorbed or "N" New Budget Required	"R" Costs Recurring or "NR" Non-recurring	FY <u>18/19</u>	"A" Costs Absorbed or "N" New Budget Required	"R" Costs – Recurring or "NR" Non-recurring	Fund Affected

Personnel*	\$ _____	_____	_____	\$ _____	_____	_____	_____
Fringe**	\$ _____	_____	_____	\$ _____	_____	_____	_____
Capital Outlay	\$ _____	_____	_____	\$ _____	_____	_____	_____
Land/ Building	\$ _____	_____	_____	\$ _____	_____	_____	_____
Professional Services	\$ _____	<u>  A  </u>	<u>  R  </u>	\$ _____	<u>  A  </u>	<u>  R  </u>	<u>52343.510500</u>
All Other Operating Costs	\$ _____	<u>  A  </u>	<u>  R  </u>	\$ _____	<u>  A  </u>	<u>  R  </u>	<u>52343.510500</u>
Total:	\$ _____			\$ _____			

\* Any indication that additional staffing would be required must be reviewed and approved in advance by the City Manager by attached memo before release of FIR to committees. \*\*For fringe benefits contact the Finance Dept.

## 2. Revenue Sources:

- To indicate new revenues and/or
- Required for costs for which new expenditure budget is proposed above in item 1.

Column #:	1	2	3	4	5	6
	Type of Revenue	FY _____	"R" Costs Recurring or "NR" Non-recurring	FY _____	"R" Costs – Recurring or "NR" Non-recurring	Fund Affected

_____	\$ _____	_____	\$ _____	_____	_____
_____	\$ _____	_____	\$ _____	_____	_____
_____	\$ _____	_____	\$ _____	_____	_____
Total:	\$ _____		\$ _____		

### 3. Expenditure/Revenue Narrative:

Explain revenue source(s). Include revenue calculations, grant(s) available, anticipated date of receipt of revenues/grants, etc. Explain expenditures, grant match(s), justify personnel increase(s), detail capital and operating uses, etc. (Attach supplemental page, if necessary.)

All of the operating costs are covered under line item 52343.510500 as well as any funding for rebates that are issued under these programs. It is uncertain what the rebate costs would be at this point. No additional staff is needed.

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### Section D.      General Narrative

**1. Conflicts:** Does this proposed bill/resolution duplicate/conflict with/companion to/relate to any City code, approved ordinance or resolution, other adopted policies or proposed legislation? Include details of city adopted laws/ordinance/resolutions and dates. Summarize the relationships, conflicts or overlaps.

None identified.

---

### **2. Consequences of Not Enacting This Bill/Resolution:**

Are there consequences of not enacting this bill/resolution? If so, describe.

The city would not provide rebates through existing funding for gray water harvesting.

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### **3. Technical Issues:**

Are there incorrect citations of law, drafting errors or other problems? Are there any amendments that should be considered? Are there any other alternatives which should be considered? If so, describe.

None identified.

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### **4. Community Impact:**

Briefly describe the major positive or negative effects the Bill/Resolution might have on the community including, but not limited to, businesses, neighborhoods, families, children and youth, social service providers and other institutions such as schools, churches, etc.

This resolution will benefit our residential customers by providing incentives for them to save water in their homes.

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# City of Santa Fe, New Mexico

## LEGISLATIVE SUMMARY

### Resolution No. 2018-\_\_\_\_ Restaurant Conservation Program

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**SPONSOR(S):** Councilor Ives

**SUMMARY:** The proposed resolution is in support of a campaign to focus on voluntary water conservation by restaurants in the city of Santa Fe, New Mexico.

**PREPARED BY:** Jesse Guillen, Legislative Liaison

**FISCAL IMPACT:** No

**DATE:** December 15, 2017

**ATTACHMENTS:** Amendment  
Resolution  
FIR

**CITY OF SANTA FE, NEW MEXICO**  
**PROPOSED AMENDMENT(S) TO RESOLUTION NO. 2018-\_\_**  
**Restaurant Conservation Program**

---

**Mayor and Members of the City Council:**

**I propose the following amendment(s) to Resolution No. 2018-\_\_:**

1. On page 2, line 24 *insert* the following new Subsection:  
"SECTION 3: The pilot program results will help determine what equipment will be incentivized through the rebate program and will provide the training to staff to be able to provide the service to other restaurants in the future."
2. Renumber the following section accordingly.

Respectfully submitted,

---

Renee D. Villarreal, Councilor

ADOPTED: \_\_\_\_\_  
NOT ADOPTED: \_\_\_\_\_  
DATE: \_\_\_\_\_

---

Yolanda Y. Vigil, City Clerk

1                                   **CITY OF SANTA FE, NEW MEXICO**

2                                   **RESOLUTION NO. 2018-\_\_**

3                                   **INTRODUCED BY:**

4  
5                                   Councilor Peter N. Ives  
6

7  
8  
9  
10                                  **A RESOLUTION**

11       **IN SUPPORT OF A CAMPAIGN TO FOCUS ON VOLUNTARY WATER**  
12       **CONSERVATION BY RESTAURANTS IN THE CITY OF SANTA FE, NEW MEXICO.**  
13

14               **WHEREAS**, the City of Santa Fe aspires to become the water conservation capital of the  
15 nation; and

16               **WHEREAS**, water is a vital substance without which human, animal, and plant life  
17 cannot exist, and is of especially high value in a high-altitude, arid environment such as Santa Fe  
18 where supply may intermittently be interrupted and become insufficient to meet demand; and

19               **WHEREAS**, human demand for water in northern New Mexico has increased over the  
20 past fifty years, partly as a function of population increases; and

21               **WHEREAS**, Santa Fe and the surrounding territory has experienced severe droughts at  
22 various times in recent years; and

23               **WHEREAS**, it is unequivocally in the best interest of Santa Fe, its residents, and its  
24 businesses to act wisely and decisively to ensure its supply of clean water will be sufficient to  
25 meet its needs into the future; and



1           **WHEREAS**, the ability of Santa Fe's reservoirs, aquifers in the City and Buckman well  
2 fields, and permissible intake from the Buckman Diversion facility to supply Santa Fe's water  
3 needs is limited, and cannot expand infinitely to meet increasing demand; and

4           **WHEREAS**, restaurants in Santa Fe (a) are an indispensable feature of Santa Fe's culture  
5 and lifestyle; (b) are a critical component of the city's economy; and (c) have a legitimate and  
6 integral need for water that patrons desire to consume, for food preparation, and for sanitation  
7 purposes; and

8           **WHEREAS**, repeated research by commercial, academic, and scientific entities has  
9 demonstrated and documented the potential for restaurants to achieve substantial economies in  
10 water consumption while maintaining or enhancing their standards for service, food preparation,  
11 and sanitation; and

12           **WHEREAS**, achievement of reductions in water consumption by restaurants can yield  
13 significant cost savings, thus contributing to their prosperity; and

14           **WHEREAS**, Santa Fe residents and businesses are encouraged by the Mayor and City  
15 Council to voluntarily reduce their water consumption.

16           **NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE**  
17 **CITY OF SANTA FE** that:

18           SECTION 1. The City of Santa Fe supports "A Campaign to Focus on Voluntary Water  
19 Conservation by Restaurants in the City of Santa Fe, New Mexico";

20           SECTION 2. The program is to be implemented immediately and will continue into  
21 future years, through communication and outreach strategies, incentives to restaurants for  
22 participation, and direct assistance in various forms, either new or existing, to assist Santa Fe  
23 restaurants to conserve water and reduce their costs for doing so.

24           SECTION 3. This resolution shall be effective immediately upon adoption.

25           PASSED, APPROVED AND ADOPTED this \_\_\_\_\_ day of \_\_\_\_\_, 2017.


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\_\_\_\_\_  
JAVIER M. GONZALES, MAYOR

ATTEST:

\_\_\_\_\_  
YOLANDA Y. VIGIL, CITY CLERK

APPROVED AS TO FORM:

  
\_\_\_\_\_  
KELLEY A. BRENNAN, CITY ATTORNEY

## City of Santa Fe Fiscal Impact Report (FIR)

This Fiscal Impact Report (FIR) shall be completed for each proposed bill or resolution as to its direct impact upon the City's operating budget and is intended for use by any of the standing committees of and the Governing Body of the City of Santa Fe. Bills or resolutions with no fiscal impact still require a completed FIR. Bills or resolutions with a fiscal impact must be reviewed by the Finance Committee. Bills or resolutions without a fiscal impact generally do not require review by the Finance Committee unless the subject of the bill or resolution is financial in nature.

### Section A.      General Information

(Check) Bill: \_\_\_\_\_ Resolution:   X  

(A single FIR may be used for related bills and/or resolutions)

Short Title(s): **A RESOLUTION IN SUPPORT OF A CAMPAIGN TO FOCUS ON VOLUNTARY WATER CONSERVATION BY RESTAURANTS IN THE CITY OF SANTA FE, NEW MEXICO.**

Sponsor(s): Councilor Ives

Reviewing Department(s): PUD /Water Conservation

Persons Completing FIR: Christine Chavez Date: 12/1/2017 Phone: 955-4219

Reviewed by City Attorney:

Kelly A. Brennan  
(Signature)

Date:

12/6/17

Reviewed by Finance Director:

Bob K. J. O.  
(Signature)

Date:

12/6/17

### Section B.      Summary

Briefly explain the purpose and major provisions of the bill/resolution:

**We are beginning research into sector specific rebates for our commercial customers, starting with restaurants.**

### Section C.      Fiscal Impact

**Note:** Financial information on this FIR does not directly translate into a City of Santa Fe budget increase. For a budget increase, the following are required:

- a. The item must be on the agenda at the Finance Committee and City Council as a "Request for Approval of a City of Santa Fe Budget Increase" with a definitive funding source (could be same item and same time as bill/resolution)
- b. Detailed budget information must be attached as to fund, business units, and line item, amounts, and explanations (similar to annual requests for budget)
- c. Detailed personnel forms must be attached as to range, salary, and benefit allocation and signed by Human Resource Department for each new position(s) requested (prorated for period to be employed by fiscal year)\*

#### **1. Projected Expenditures:**

- a. Indicate Fiscal Year(s) affected – usually current fiscal year and following fiscal year (i.e., FY 03/04 and FY 04/05)
- b. Indicate:      "A" if current budget and level of staffing will absorb the costs  
                      "N" if new, additional, or increased budget or staffing will be required
- c. Indicate:      "R" – if recurring annual costs  
                      "NR" if one-time, non-recurring costs, such as start-up, contract or equipment costs
- d. Attach additional projection schedules if two years does not adequately project revenue and cost patterns
- e. Costs may be netted or shown as an offset if some cost savings are projected (explain in Section 3 Narrative)

Finance Director: \_\_\_\_\_

X       Check here if no fiscal impact

Column #:	1	2	3	4	5	6	7	8
	Expenditure Classification	FY 17/18	"A" Costs Absorbed or "N" New Budget Required	"R" Costs Recurring or "NR" Non- recurring	FY 18/19	"A" Costs Absorbed or "N" New Budget Required	"R" Costs – Recurring or "NR" Non- recurring	Fund Affected

Personnel*	\$		A		\$	A		
Fringe**	\$				\$			
Capital Outlay	\$				\$			
Land/ Building	\$				\$			
Professional Services	\$		A		\$	A		
All Other Operating Costs	\$		A		\$	A		
Total:	\$				\$			

\* Any indication that additional staffing would be required must be reviewed and approved in advance by the City Manager by attached memo before release of FIR to committees. \*\*For fringe benefits contact the Finance Dept.

## 2. Revenue Sources:

- To indicate new revenues and/or
- Required for costs for which new expenditure budget is proposed above in item 1.

Column #:	1	2	3	4	5	6
	Type of Revenue	FY	"R" Costs Recurring or "NR" Non- recurring	FY	"R" Costs – Recurring or "NR" Non- recurring	Fund Affected

	\$		\$		
	\$		\$		
	\$		\$		
Total:	\$		\$		

### **3. Expenditure/Revenue Narrative:**

Explain revenue source(s). Include revenue calculations, grant(s) available, anticipated date of receipt of revenues/grants, etc. Explain expenditures, grant match(s), justify personnel increase(s), detail capital and operating uses, etc. (Attach supplemental page, if necessary.)

N/A

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### **Section D. General Narrative**

**1. Conflicts:** Does this proposed bill/resolution duplicate/conflict with/companion to/relate to any City code, approved ordinance or resolution, other adopted policies or proposed legislation? Include details of city adopted laws/ordinance/resolutions and dates. Summarize the relationships, conflicts or overlaps.

None identified.

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### **2. Consequences of Not Enacting This Bill/Resolution:**

Are there consequences of not enacting this bill/resolution? If so, describe.

The city will not pursue a campaign focused on voluntary water conservation in restaurants.

---

### **3. Technical Issues:**

Are there incorrect citations of law, drafting errors or other problems? Are there any amendments that should be considered? Are there any other alternatives which should be considered? If so, describe.

None identified.

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### **4. Community Impact:**

Briefly describe the major positive or negative effects the Bill/Resolution might have on the community including, but not limited to, businesses, neighborhoods, families, children and youth, social service providers and other institutions such as schools, churches, etc.

This resolution will benefit our commercial customers by focusing on water conservation in local restaurants.

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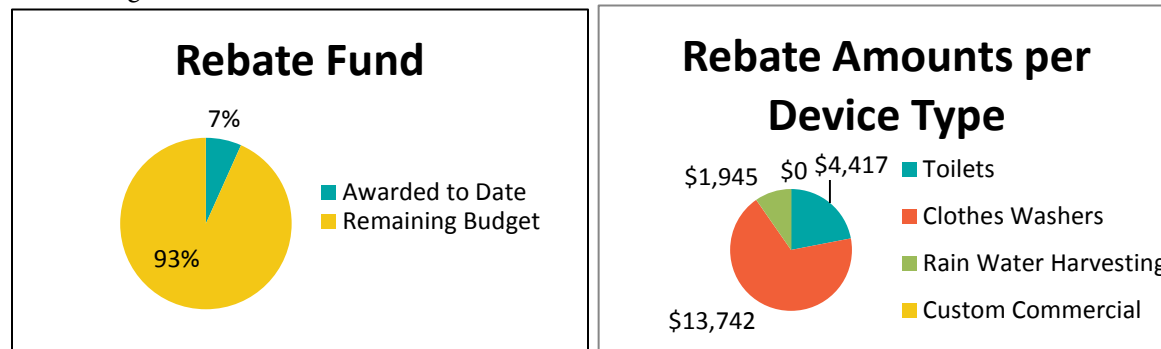
# Water Conservation Office

## Monthly Overview of Scorecard Progress – December 2017

	<b>Education Outreach:</b>
<b>Education Initiative:</b>	
<ul style="list-style-type: none"> <li>• 12/1 -Passport presentation at Carlos Gilbert (2 classes) – KSFB</li> <li>• 12/4 -Passport presentation at Amy Biehl (4 classes) – KSFB</li> <li>• 12/8 - Passport presentation at Salazar (2 classes) – KSFB</li> <li>• 12/11 - Passport presentation at Kearny (3 classes) – KSFB</li> <li>• 12/5 – Lisa met with the outdoor collaborative on summer camp programming for 2018</li> </ul>	
<b>General Outreach:</b>	
<ul style="list-style-type: none"> <li>• Meetings with 7 potential restaurants for the commercial pilot project</li> </ul>	
	<b>Communication and Customer Service:</b>
<b>Eye On Water Rollout:</b>	
<ul style="list-style-type: none"> <li>• 2,773 total signups as of 12/15/2017 - 26 added since last month!</li> </ul>	
<b>Indoor Water Audits:</b>	
<b>Enforcement Activity:</b>	
<ul style="list-style-type: none"> <li>• Work is currently being done with customer service to address continuous flows that are showing up in Badger which is indicative of a possible leak – letters are being sent out and phone calls are being made to customers</li> <li>• Work is being done with customer service to identify accounts with leaks that fall above a certain threshold to determine whether or not shutoffs need to be made.</li> <li>• 12/6/17 St Francis/Alameda Warning: Fugitive water/water waste</li> <li>• 12/6/17 Downtown/Alto St Warning: Fugitive water/water waste</li> <li>• 12/12/17 Cerrillos/Zafarano Citation: Fugitive water/water waste</li> <li>• 12/14/17 Cerrillos/Rufina Water leak from meter- Warning: Fugitive water/water waste</li> </ul>	

**Residential and Commercial Rebates:**

Remaining fund balance as of December 15, 2017: \$279,896.00



Rebates awarded FY-to-date:

- HET (all types) 75
- Clothes Washers (all types) 52
- Rain Water Harvesting (including rain barrels) 34
- Custom Commercial 0

**Strategic Marketing Plan:**

- Radio Show Guests (Hilario Romero, Customer Service)
- FY 17/18 Strategic Marketing Plan approved by WCC on 12/12/17
- Irrigation rebate materials being finalized
- Creative tactical briefs are being completed for all 4 strategies identified in the SMP
- Ad development for the Next Generation Water Summit

**Effective Program Management****Organizational Development:**

- Annual PADP completed for Christine Chavez with staff input to direct supervisor

**Water Conservation Committee:**

- Timeline document on the history of the Water Conservation program was developed to send out to potential candidates, existing representatives and city staff to offer consistent talking points on water conservation.
- 12/4 – Grants/ Education subcommittee met
- 12/7 – Strategic Marketing subcommittee met

**Integration with Water Resources:**

- Met with Daniel B. Stephens on 12/7 to go over initial results of the AWWA audit

**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.

Program	Status	Key Performance Indicators for 2017	Accomplishments	no progress	some progress	significant progress
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**Goal: Education Outreach**

<p>Education Initiative</p> <p><i>A collaboration of several city entities to educate 4th grade students on where our water comes from, how it is treated, where wastewater goes and how it is treated and recycled, and how recycling and energy play a role</i></p>	<p>Passport Program developed and implemented for 2017-2018 school year</p>	<ul style="list-style-type: none"> <li>• 20 classes participating</li> <li>• Partner with other organizations for outreach in elementary and secondary grades</li> </ul>	<ul style="list-style-type: none"> <li>• Passport Program branding developed</li> <li>• 14 classes participated in Passport Program this year</li> <li>• Partnered with BDD, WWM, ESD, Sustainable Santa Fe for Passport Program</li> <li>• Partnered with SFWA, River Source to take 21 classes on watershed tours</li> </ul>			X
<p>Children's Water Fiesta</p> <p><i>A long-standing program which will be expanded and incorporated into the Education Initiative, above</i></p>	<p>Ongoing Program</p>	<ul style="list-style-type: none"> <li>• Increase attendance from 650 to 850 students</li> <li>• Develop additional activities, including peer-to-peer activities presented by high school students</li> </ul>	<ul style="list-style-type: none"> <li>• 658 4th graders participated</li> <li>• 26 classes total</li> <li>• 3 Peer Educator presentations-Santa Fe High (1) and Monte del Sol (2)</li> </ul>		X X	
<p>Children's Poster Contest</p> <p><i>A long-standing program, which will be expanded and aligned with the Education Initiative, above</i></p>	<p>Ongoing Program</p>	<ul style="list-style-type: none"> <li>• Educational messaging developed prior to contest</li> <li>• Link to Education Initiative outreach in schools</li> </ul>	<ul style="list-style-type: none"> <li>• No Water Conservation calendar-ESD is now producing a calendar which incorporates water-saving tips</li> <li>• Working to develop a poster contest for Passport Program participants before end of 2017-18 school year.</li> </ul>	X		
<p>Qualified Water Efficient Landscaper (QWEL) Training</p> <p><i>A WaterSense certified training program for professional landscapers to encourage outdoor water efficiency</i></p>	<p>Ongoing Program</p>	<ul style="list-style-type: none"> <li>• Transition program to SFCC</li> <li>• Expand to include gray water</li> <li>• All WCO staff certified</li> </ul>	<ul style="list-style-type: none"> <li>• SFCC held first QWEL course in May</li> <li>• Gray water is still in development</li> <li>• All staff are QWEL certified-except newest hire. Will send to next available class.</li> </ul>		X	
<p>Community Workshops/QWEL Lite</p> <p><i>Workshops and other outreach events for customers on outdoor water efficiency</i></p>	<p>Ongoing Program</p>	<ul style="list-style-type: none"> <li>• Sponsor or conduct 5 sessions (April-September)</li> <li>• Bring in at least 2 speakers</li> <li>• Provide graywater training to public</li> </ul>	<ul style="list-style-type: none"> <li>• Outreach at community events including Home Show, Community Day, Water is Life Festival and Green Expo</li> <li>• Sponsored, attended NGWS conference-plan to add graywater component to next year's conference</li> </ul>		X	
<p>Master Gardeners</p> <p><i>Collaboration with the Master Gardeners program to educate and encourage outdoor water efficiency</i></p>	<p>Ongoing Program</p>	<ul style="list-style-type: none"> <li>• Present as part of 2017 series</li> <li>• Work with volunteers on parts of our program</li> </ul>	<ul style="list-style-type: none"> <li>• Presented to 2017 Master Gardener classes</li> <li>• Continue to develop relationship with Master Gardeners; requested their recommendations for new demo garden at WCO</li> </ul>			X



Program	Status	Key Performance Indicators for 2017	Accomplishments	no progress	some progress	significant progress
<b>Goal: Communications and Customer Service</b>						
Eye On Water Rollout <i>An app for smartphones and home computers which allows customers to see their water use and set alerts for leaks and overuse</i>	New Program	<ul style="list-style-type: none"> <li>• 10% of customer base participating by end of CY 2017</li> </ul>	<ul style="list-style-type: none"> <li>• 2,773 accounts signed up for EOW as of 12/15, a little over 8%.</li> </ul>			X
Indoor and Outdoor Water Audits <i>Audits provided by Water Conservation Office, as well as information for customers who prefer DIY projects</i>	Ongoing Program	<ul style="list-style-type: none"> <li>• Self-audit program</li> <li>• Do-it-yourself drip irrigation guide</li> <li>• Graywater guide</li> </ul>	<ul style="list-style-type: none"> <li>• Self-audit guide nearly complete</li> <li>• Drip guide is in progress</li> <li>• NM OSE has excellent gray water guide</li> <li>• Staff performed 4 water loss audits at customers' requests</li> </ul>		X	
Outdoor Rebates <i>Rebates and incentives to encourage the use of water-efficient landscaping and irrigation equipment</i>	New Program	<ul style="list-style-type: none"> <li>• Developed irrigation equipment rebate</li> <li>• Developed additional rain water harvesting rebate</li> <li>• Developed graywater rebate</li> </ul>	<ul style="list-style-type: none"> <li>• Irrigation equipment rebate amounts may need to be revisited</li> <li>• Rain water harvesting rebate amounts have been determined-need to coordinate rollout with Land Use</li> <li>• Laundry to Landscape rebate approved, will launch early 2018</li> </ul>			X
Residential and Commercial Rebates <i>Rebates and incentives to encourage the use of water-efficient fixtures and appliances</i>	Ongoing Program	<ul style="list-style-type: none"> <li>• Increase residential participation by 20%</li> <li>• 8 commercial applications for FY 2017-18</li> </ul>	<ul style="list-style-type: none"> <li>• 200 applications received (192 approved), down from 300 (249 approved) in 2016</li> <li>• The budget for FY2017-18 was increased to \$300,000</li> <li>• No applications have been received for commercial rebate despite interest</li> </ul>		X	
Enforcement Program <i>Increase enforcement activities, including educational visits for first-time violations</i>	Ongoing Program	<ul style="list-style-type: none"> <li>• Respond to Water Waste Hotline Calls</li> <li>• Educational programs for high water season</li> </ul>	<ul style="list-style-type: none"> <li>• Staff handling calls as they come in-first visit is educational outreach</li> <li>• 26 warnings, 1 citation issued</li> <li>• Working with Customer Service to address continuous flow reports, customer follow-up, shut-off thresholds</li> </ul>		X	
Strategic Marketing Plan (SMP) <i>Plan developed by PR consultant for coordination of outreach and marketing efforts. Creates a more consistent message and brand</i>	Ongoing Program	<ul style="list-style-type: none"> <li>• Meet 90% of goals within SMP as coordinated by consultant</li> <li>• Align with conservation programming for FY 2017-18</li> </ul>	<ul style="list-style-type: none"> <li>• Met all goals</li> <li>• Developed new plan for 2018</li> </ul>			X

Program	Status	Key Performance Indicators for 2017	Accomplishments	no progress	some progress	significant progress
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**Goal: Effective Program Management**

Human Resources <i>Fully staff Water Conservation Office to be able to accomplish all other programs</i>	Ongoing Program	<ul style="list-style-type: none"> <li>Fully Staffed by June 2017</li> <li>Enforcement Officer position staffed by May 2017</li> </ul>	<ul style="list-style-type: none"> <li>Fully staffed-new Enforcement Officer started in October</li> </ul>			X
Financial Resources and Budget <i>Utilize resources to accomplish goals and programs</i>	Ongoing Program	<ul style="list-style-type: none"> <li>Submit Conservation Budget by February 2017</li> <li>Track Budget for FY 2017</li> </ul>	<ul style="list-style-type: none"> <li>2017 Goals met</li> <li>Beginning to prepare budget for FY 2018-2019</li> </ul>			X
Organizational Development <i>Develop staff knowledge and skills to accomplish program goals</i>	Ongoing Program	<ul style="list-style-type: none"> <li>Staff cross-trained on all programs</li> <li>All staff badged for enforcement</li> <li>All staff certified as relevant to program (QWEL, WERS, CLIA, ARCISA, Backflow, etc)</li> </ul>	<ul style="list-style-type: none"> <li>Staff all work on all programs</li> <li>Conflicting information about commissioning process-working to get definitive answer</li> <li>Staff participate in certification programs as they become available</li> </ul>			X
Water Conservation Committee <i>Utilize skills and knowledge of committee to further refine programmatic goals</i>	Ongoing Program	<ul style="list-style-type: none"> <li>Fill open Committee positions</li> <li>Align Committee and subcommittee work with Water Conservation Office</li> </ul>	<ul style="list-style-type: none"> <li>All committee positions have been filled</li> <li>Committee and subcommittee work has been aligned with Water Conservation Office</li> </ul>			X
Integration with Water Resources <i>Collaborate to develop comprehensive planning</i>	Ongoing Program	<ul style="list-style-type: none"> <li>Long Range Water Supply Plan</li> <li>Water Reuse Plan and outreach</li> <li>Annual Water Report</li> <li>AWWA Audit</li> <li>GPCD</li> </ul>	<ul style="list-style-type: none"> <li>Long Range Water Supply Plan, Water Reuse Plan and outreach and Annual Water Report are WR&amp;C projects supported by Water Conservation</li> <li>2016 AWWA Audit-draft report prepared, finalizing now, will begin pulling data for 2017 audit in February</li> <li>2016 GPCD completed</li> </ul>			X

**Goal: Stewardship and Conservation**

Regional Collaborations <i>Collaborate with other municipalities and utilities</i>	Ongoing Program	<ul style="list-style-type: none"> <li>NMWCA board representation</li> <li>State Water Planning Initiatives</li> </ul>	<ul style="list-style-type: none"> <li>Lisa serving on NMWCA board</li> <li>Participation with other agencies responding to State legislation</li> </ul>			X
GPCD Analysis <i>Greater understanding of water use within the City, State and Region</i>	Ongoing Program	<ul style="list-style-type: none"> <li>Complete 2017 GPCD calculations on quarterly basis</li> <li>Annual comparison with other Southwestern cities</li> <li>Program adaptation</li> </ul>	<ul style="list-style-type: none"> <li>2016 data issues have been resolved</li> <li>2016 comparison with other New Mexico cities completed for water history document</li> </ul>			X
AWWA Audit <i>Greater understanding of water system and potential for losses of water and revenue</i>	Ongoing Program	<ul style="list-style-type: none"> <li>Incorporate 2016 results into conservation programming</li> </ul>	<ul style="list-style-type: none"> <li>Draft report has been delivered, anticipate final report by end of January.</li> </ul>			X

Program	Status	Key Performance Indicators for 2018	Accomplishments	no progress	some progress	significant progress
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**Goal: Education Outreach**

Education Initiative (Passport Program) <i>A collaboration of several city entities to educate 4th grade students on where our water comes from, how it is treated, where wastewater goes and how it is treated and recycled, and how recycling and energy play a role</i>	Ongoing Program	<ul style="list-style-type: none"> <li>• 15 classes participating</li> <li>• More robust assessment</li> <li>• Transition from Common Core to Next Gen Science Standards</li> <li>• Add poster contest component</li> </ul>				
Expand Passport Program to 5th Grade	New Program	<ul style="list-style-type: none"> <li>• Encourage/track participation of Passport Program students</li> </ul>				
Children's Water Fiesta <i>A long-standing program which will be expanded and incorporated into the Education Initiative, above</i>	Ongoing Program	<ul style="list-style-type: none"> <li>• Increase attendance from 650 to 850 students</li> <li>• Obtain greater feedback/assessment from teachers</li> <li>• Develop tie-in activity</li> <li>• Develop additional presentation activities, including improvement of peer-to-peer activities presented by high school students</li> </ul>				
Qualified Water Efficient Landscaper (QWEL) Training <i>A WaterSense certified training program for professional landscapers to encourage outdoor water efficiency</i>	Ongoing Program	<ul style="list-style-type: none"> <li>• Transition program to SFCC</li> <li>• Expand to include gray water</li> <li>• All WCO staff certified</li> </ul>				
Public Outreach	Ongoing Program	<ul style="list-style-type: none"> <li>• Table events</li> <li>• Partner with other events to do presentations</li> <li>• Sponsor events that align with program</li> </ul>				
Master Gardeners <i>Collaboration with the Master Gardeners program to educate and encourage outdoor water efficiency</i>	Ongoing Program	<ul style="list-style-type: none"> <li>• Present as part of 2017 series</li> <li>• Work with volunteers on parts of our program</li> </ul>				

Program	Status	Key Performance Indicators for 2018	Accomplishments	no progress	some progress	significant progress
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**Goal: Communications and Customer Service**

<p>Eye On Water Rollout</p> <p><i>An app for smartphones and home computers which allows customers to see their water use and set alerts for leaks and overuse</i></p>	Ongoing Program	<ul style="list-style-type: none"> <li>• 20% of customer base signed up</li> </ul>				
<p>Outdoor Rebates</p> <p><i>Rebates and incentives to encourage the use of water-efficient landscaping and irrigation equipment</i></p>	New Program	<ul style="list-style-type: none"> <li>• Roll out irrigation equipment rebate</li> <li>• Roll out additional rain water harvesting rebate</li> <li>• Roll out graywater rebate</li> <li>• Look at nonpotable conservation fee and incentives</li> </ul>				
<p>Residential Rebates</p> <p><i>Rebates and incentives to encourage the use of water-efficient fixtures and appliances</i></p>	Ongoing Program	<ul style="list-style-type: none"> <li>• Increase residential participation by 20%</li> </ul>				
<p>Commercial Rebates</p> <p><i>Rebates and incentives to encourage the use of water-efficient fixtures and appliances. Implement Restaurant Pilot Program.</i></p>	Ongoing Program	<ul style="list-style-type: none"> <li>• Develop plan to market Commercial Custom Retrofit Rebates</li> <li>• Sign-up 25-30 participants for Restaurant Pilot Program</li> <li>• Develop Restaurant specific rebate program</li> </ul>				
<p>Enforcement Program</p> <p><i>Increase enforcement activities, including educational visits for first-time violations</i></p>	Ongoing Program	<ul style="list-style-type: none"> <li>• Respond to Water Waste Hotline Calls</li> <li>• Educational programs for high water season</li> <li>• Shut-offs for leaks exceeding threshold</li> </ul>				
<p>Continuous Flow Program</p> <p><i>Collaborate with Customer Service to reach out to customers showing continuous flow</i></p>	New Program	<ul style="list-style-type: none"> <li>• Work with Customer Service</li> <li>• Send out Continuous Flow letters</li> <li>• Follow up with customers</li> </ul>				

Program	Status	Key Performance Indicators for 2018	Accomplishments	no progress	some progress	significant progress
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**Goal: Effective Program Management**

Human Resources <i>Fully staff Water Conservation Office to be able to accomplish all other programs</i>	Ongoing Program	<ul style="list-style-type: none"> <li>• Retain staff</li> </ul>				
Financial Resources and Budget <i>Utilize resources to accomplish goals and programs</i>	Ongoing Program	<ul style="list-style-type: none"> <li>• Submit Conservation Budget by February 2018</li> <li>• Track Budget for FY 2018-19</li> </ul>				
Organizational Development <i>Develop staff knowledge and skills to accomplish program goals</i>	Ongoing Program	<ul style="list-style-type: none"> <li>• Staff cross-trained on all programs</li> <li>• All staff badged for enforcement</li> <li>• Staff trained for Restaurant Audits</li> <li>• Professional development plans for all staff</li> <li>• Staff certified as relevant to program (QWEL, WERS, CLIA, ARCSA, Backflow, etc)</li> </ul>				
Indoor and Outdoor Water Audits <i>Audits provided by Water Conservation Office, as well as information for customers who prefer DIY projects</i>	Ongoing Program	<ul style="list-style-type: none"> <li>• Respond to work orders from Customer Service</li> <li>• Promote Self-Audit program</li> <li>• Promote DIY Drip guide</li> </ul>				
Strategic Marketing Plan (SMP) <i>Plan developed by PR consultant for coordination of outreach and marketing efforts. Creates a more consistent message and brand</i>	Ongoing Program	<ul style="list-style-type: none"> <li>• Monitor outcomes as related to program activities</li> </ul>				
Water Conservation Committee <i>Utilize skills and knowledge of committee to further refine programmatic goals</i>	Ongoing Program	<ul style="list-style-type: none"> <li>• Fill open Committee positions</li> <li>• Align Committee and subcommittee work with Water Conservation Office</li> <li>• Begin 2020 WC&amp;DM Plan</li> </ul>				
Integration with Water Resources <i>Collaborate to develop comprehensive planning</i>	Ongoing Program	<ul style="list-style-type: none"> <li>• Long Range Water Supply Plan</li> <li>• Water Reuse Plan and outreach</li> <li>• Annual Water Report</li> <li>• AWWA Audit</li> <li>• GPCD</li> </ul>				

Program	Status	Key Performance Indicators for 2018	Accomplishments	no progress	some progress	significant progress
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**Goal: Stewardship and Conservation**

Organizational Collaborations <i>Collaborate with internal departments, other municipalities and utilities, other organizations</i>	Ongoing Program	<ul style="list-style-type: none"> <li>• NMWCA board representation</li> <li>• State Water Planning Initiatives</li> <li>• XCNM, NGWS sponsorship/participation</li> <li>• AWE Cooling Tower collaboration</li> <li>• Work with other City Departments on projects</li> </ul>				
GPCD Analysis <i>Greater understanding of water use within the City, State and Region</i>	Ongoing Program	<ul style="list-style-type: none"> <li>• Complete 2017 GPCD calculations</li> <li>• Resolve population calculation issue</li> <li>• Annual comparison with other Southwestern cities</li> <li>• Program adaptation</li> </ul>				
AWWA Audit <i>Greater understanding of water system and potential for losses of water and revenue</i>	Ongoing Program	<ul style="list-style-type: none"> <li>• Incorporate 2017 results into conservation programming</li> </ul>				

1 **CITY OF SANTA FE, NEW MEXICO**

2 **RESOLUTION NO. 2017-\_\_**

3 **INTRODUCED BY:**

4  
5 Councilor Peter N. Ives

6  
7  
8  
9  
10 **A RESOLUTION**

11 **RECOGNIZING THE IMPORTANCE OF LIVING RIVER FLOWS TO ALL THE RESIDENTS OF**  
12 **SANTA FE; CALLING FOR THE STUDY OF RIVER AND HYDRO-GEOLOGIC CONDITIONS,**  
13 **AND THE BETTER MANAGEMENT OF BYPASSED FLOWS AND IRRIGATION FLOWS TO**  
14 **INCREASE EFFICIENCIES IN THE DELIVERY OF WATER TO THE ACEQUIAS; AND FOR THE**  
15 **FUTURE MANAGEMENT OF LIVING RIVER FLOWS FOR THE MAXIMUM BENEFIT OF THE**  
16 **CITY OF SANTA FE, ITS CITIZENS, AND THE CITY’S BENEFICIAL USE OF ITS WATERS**  
17 **RIGHTS.**

18  
19 **WHEREAS,** the City of Santa Fe wishes to conserve its water resources, maximize its  
20 beneficial use of surface water rights, and utilize this water in the best possible manner; and

21 **WHEREAS,** the City has obligations under state law to release and deliver water for the  
22 Acequia Madre and Acequia Cerro Gordo fed by the Santa Fe River; and

23 **WHEREAS,** the City has recognized both the historic and environmental benefits of “Living  
24 River” flows and formalized this recognition through its adoption of the “Santa Fe River Target Flow  
25 Ordinance” in 2012; and

1           **WHEREAS**, the City must meet its obligations to provide specific delivery amounts of water  
2 to Acequia Madre and Acequia Cerro Gordo; and

3           **WHEREAS**, the City wishes to make these deliveries in the most efficient manner achievable  
4 to avoid wasting water; and

5           **WHEREAS**, the City desires to decrease the loss of water during the delivery of irrigation  
6 water and the bypass of “Living River” flows, while maximizing any credits which could be obtained  
7 from the State of New Mexico for water infiltrated to the aquifer underlying the Santa Fe River through  
8 aquifer storage and recovery; and

9           **WHEREAS**, the City recognizes that infiltrated water can provide benefit to the City through  
10 such storage and recovery; and

11           **WHEREAS**, the City wishes to demonstrate, document, and maximize this benefit through  
12 appropriate hydrologic study and appropriate application to the Office of the State Engineer to obtain  
13 a Groundwater Storage and Recovery Permit, pursuant to NMSA 1978, § 72-5A-1 through 72-5A-17;  
14 and

15           **WHEREAS**, the City Attorney’s Office together with the Water Division prepared a Report  
16 on the legal rights and obligations, the physical supply, and the community interests in the Santa Fe  
17 River and presented the Report to the Governing Body on December 14, 2016; and

18           **WHEREAS**, the Santa Fe River Commission similarly considered the Report of the City staff  
19 and made complementary recommendations to the Governing Body; and

20           **WHEREAS**, the Water Division can provide funding through its CIP and operational budgets  
21 for the completion of these studies and to design and construct the diversions, metering stations and  
22 other infrastructure necessary to efficiently and effectively deliver both irrigation water and bypassed  
23 “Living River” flows, as well as to demonstrate the viability of an ASR permit; and

24           **WHEREAS**, the governing body of the City of Santa Fe support the use of funds for these  
25 purposes; and



1           **WHEREAS**, the City and other land owners, stakeholders and community members all see  
2 opportunities to work together so that more of the public can enjoy the Santa Fe River.

3           **NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE**  
4 **CITY OF SANTA FE** that the Governing Body hereby:

5           Requests that the City of Santa Fe staff perform the aforementioned studies as necessary to  
6 efficiently and effectively deliver irrigation water to Acequia Madre and Acequia Cerro Gordo in  
7 accordance with their rights; and to support bypassed “Living River” flows to benefit all City of Santa  
8 Fe residents;

9           **BE IT FURTHER RESOLVED** that the Governing Body hereby:

- 10           1. Directs Water Division staff to study the hydrogeologic factors influencing and  
11           affecting irrigation flows, “Living River” bypass flows, and other releases or bypass  
12           flows of water into the Santa Fe River.
- 13           2. Supports the Water Division’s use of CIP funds in the design and construction of  
14           infrastructure necessary to improve the diversion and delivery of water for irrigation  
15           and “Living River” flows, and other uses. This infrastructure includes, but is not  
16           limited to, diversion structures, flow metering stations, Acequia metering, and all  
17           necessary and associated automation and security needs.
- 18           3. Supports all actions and applications necessary by the City Attorney’s Office and the  
19           Water Division to obtain credit for water releases into the Santa Fe River and  
20           infiltrated into the aquifer fed by the river including irrigation releases, “Living River”  
21           bypass flows and other releases to the river from the City’s two municipal reservoirs;
- 22           4. Directs staff to explore whether the City could host the annual fishing derby at the site  
23           of the former two-mile dam, so that more citizens of Santa Fe have more opportunities  
24           to enjoy the Santa Fe River.

25           **BE IT FURTHER RESOLVED** that the Governing Body recognizes the legitimate, legal,

1 and beneficial uses of the Santa Fe River for municipal uses, irrigation purposes and to fulfill the  
2 ecological, cultural and recreational goals established by the Santa Fe River Target Flow Ordinance  
3 (2012-10).

4 **BE IT FURTHER RESOLVED** that the Governing Body directs the Water Division to  
5 identify and include all necessary operational and CIP funds necessary to achieve the actions and  
6 objectives of this resolution for approval by the Council; as well as provide regular updates on actions,  
7 construction and studies implemented to achieve these objectives and their resultant benefits.

8 PASSED, APPROVED and ADOPTED this \_\_\_\_ day of \_\_\_\_\_, 2017.

11 \_\_\_\_\_  
12 JAVIER GONZALES, MAYOR

13 ATTEST:

14 \_\_\_\_\_  
15 YOLANDA Y. VIGIL, CITY CLERK

16 APPROVED AS TO FORM:

17 \_\_\_\_\_  
18 \_\_\_\_\_  
19 KELLEY A. BRENNAN, CITY ATTORNEY

December 15<sup>th</sup>, 2017

To: Water Conservation Committee

Cc: Andrew Erdmann

Re: New Mexico First, Advancing New Mexico's Water Future Townhall Meeting December 13-14<sup>th</sup>

I attended this planning meeting that was hosted by the New Mexico First organization. It was put on for the New Mexico Interstate Stream Commission (ISC). The intent of the meeting was to provide input in the update of the New Mexico State Water Plan.

I have summarized the meeting from my perspective and not met to be a City of Santa Fe opinion.

The session had about 150 people the first day and about 100 people the second day. The town hall process brings in people from all over New Mexico to discuss a single issue, in this case WATER. The objective of the meeting was to create actionable recommendations that are presented to ISC for incorporation to the plan update.

They created a backgrounder for attendees to read prior to the meeting. It is linked to below. Teams were created to discuss and make recommendations in the following areas:

- Striking a Balance: Increasing Water Supply and Reducing Demand
- Protecting Precious Resources: Water Quality, Watersheds and Natural Environments
- Making Improvement: Building and Maintaining Water Infrastructure
- Gatekeeping: Water Rights and Legal Matters
- Bridging Gaps: Collaboration, Improved Water Planning, and Information Sharing
- Preparing for Changing New Mexico: Open topic, including issues such as Climate Change, land use and economic development

I do not know how these categories were created. Participants self-selected into the above topics. Each group went through the New Mexico First process to come up with a set of recommendations. These recommendations were ranked by the teams and then all the recommendations were ranked by the entire group.

New Mexico First is going to summarize the results of the workshop and present it to the ISC. The ISC is then going to hold a public meeting to get input on the recommendations.

Some of the recommendations will most likely include:

- Empowering and funding regional water planning groups
- Improving data access and data quality
- Changes to the planning process to make it ongoing
- Improved information sharing
- Increased funding

- Improving coordination between state organizations

To me personally the process interestingly had a few elements did not appear to be well discussed at all. These included:

- Reducing agricultural water demand. It was touched on but I know in my group a lot of push back on trying to do things in this area. I brought up the concept of state-wide water banking through a centralized system to make it easier and more transparent and that received little traction. In my opinion this is the most important discussion to start having as agriculture uses over 85% of the water in the state and holds senior water rights in many cases. Starting a state-wide discussion on this single topic can help us avoid the LA and LV situations of cities being viewed as stealing farmland and rural water. We all need to figure this one out or it will limit our economic growth. Our city is in great shape from a water supply and demand perspective, but if the rest of the state suffers we will ultimately suffer as well.
- No real recommendations on reducing water use, just increasing supply. Demand was mentioned once in the 30 recommendations and it was mentioned in the context of balancing it with supply.
- The process did not foster a hard tradeoff discussion.

I think these meetings are great way to collect and summarize good input from very interested stakeholders, but should only be one of the processes.

Andrew Erdmann and Alex Puglisi from the city attended for the whole two days. I would recommend in the future at least members of the Water Conservation Department and the WCC attend portions of these meetings to represent the city in this process. Having a pre-meeting to discuss our priorities would allow our requirements to be at least input into the process.

Below are links to the copies of the packet for the meeting and the agenda for more specifics. The preliminary subteam recommendations are attached. It is my understanding that the final recommendations will only be 5-6 of these and wordsmithed by NM First prior to delivery to the OSE.

Participant packet -<http://nmfirst.org/LiteratureRetrieve.aspx?ID=243280>

Agenda - <http://nmfirst.org/event-details/state-water-planning-town-hall-advancing-new-mexico-s-water-future#Agenda>

List of preliminary team recommendations.

# Recommendations-first round

Group	Rec #	Recommendation
BLUE	1	<b>Water management:</b> Expand the use of market-based demand management and water banking programs to provide for accounting, storage, and release of water. SPOKESPERSON: Patrick McCarthy
BLUE	2	<b>Water balance:</b> Use the WRRRI water balance modeling tools to establish regional water balances that can be incorporated into a statewide water balance. SPOKESPERSON: Austin Hanson
BLUE	3	<b>New water:</b> Incentivize the development of produced, brackish, and other non-traditional water resources to supplement the water supply. SPOKESPERSON: Patrick Padilla
BLUE	4	<b>Data:</b> Acquire, process, and facilitate distribution of data on water sources, flows, and uses of surface and groundwater in NM. Include measuring of flows, diversions and return flows. Fund and make available using a central web-based server. SPOKESPERSON: Amy Lewis
BLUE	5	<b>Drought:</b> Develop drought contingency plans and water shortage sharing agreements for each major river basin; use collaborative processes such as AWRM. SPOKESPERSON: Patrick McCarthy, (and Hannah Riseley)
BLUE	6	<b>Supply gap:</b> Identify the most effective methods to close the gap between supply and demand and quantify these methods based on estimated cost, time to implement, and potential yield. SPOKESPERSON: Joanna Stakutis
GREEN	1	<b>Markets:</b> Develop water policies and procedures that recognize that water has a market value, and allow for flexibility to balance supply and demand; increase water use efficiency and conservation utilizing incentives; and provide mechanisms and processes for use of water for instream flows. <i>Prioritize</i>
GREEN	2	<b>Watersheds:</b> Invest in the Watershed Restoration <del>Economy</del> , at multiple scales, through new and sustainable funding sources such as <i>Federal</i> state and local taxes, local business contributions, and reclamation of externalized costs.
GREEN	3	<b>Regs &amp; incentives:</b> Evaluate, fund, improve and streamline regulations and enforcement, and combine with targeted incentives to achieve defined outcomes efficiently and effectively.
GREEN	4	<b>Data:</b> Prioritize ongoing data collection, research, and innovative technologies, through effective collaboration among academic, government, private and public entities to develop Best Management Practices and inform public policy based on science. Public policy priorities include preserving watershed health, recognizing the water-energy-food nexus, and mitigating the effects of climate change.
GREEN	5	<b>Education:</b> Engage local communities in education on watershed management, conservation, the water-energy-food nexus, and cultural uses of New Mexico's water resources.
GREEN	6	<b>Infrastructure:</b> Identify, prioritize, construct and maintain innovative, multi-purpose/multi-revenue water infrastructure that: reduces evaporative losses by building and better-locating storage facilities; constructs or maintains efficient water conveyances; establishes potable water systems in rural communities; and, where applicable, uses natural infrastructure to support other water infrastructure. These actions should happen while completing mandated and ongoing major projects. SPOKESPERSON: Daren Zigich
ORANGE	1	<b>Recycle &amp; Reuse:</b> Convene a cross-industry forum to address the following identified hurdles: 1) streamline the regulatory process for each type of water user, 2) identify the water quality standard to be used by each type of water user based on intended use (industrial, potable, agriculture, irrigation), 3) identify technologies for both recycling and reusing water, including indirect potable reuse through ASR, 4) educate the public, the regulator and water users on the use of recycled water.
ORANGE	2	<b>Change Boundaries:</b> Realign existing water planning regions to reflect interstate compact administration, closed groundwater basins, and the eight HUC boundaries. The Rio Grande Basin would be split into an upper, middle, and lower planning region with a requirement to ensure compact delivery compliance.
ORANGE	3	<b>Funding:</b> Increased funding is needed to accomplish many of the goals identified by stakeholders. One option in obtaining such funds could be to establish water districts based on hydrologic boundaries authorized to secure funding for administering and adjudicating water rights within the district.
ORANGE	4	<b>Declarations.</b> The State Engineer will establish a deadline for the filing of declarations of surface water and groundwater and ensure that public notice of such deadline is made available.
ORANGE	5	<b>State Water Management Officials.</b> Change the appointment process for the members and director of the ISC to require education and experience in a water profession and Senate confirmation. Appointees will serve full staggered terms unless removed for cause. No more than five of the nine ISC members will be from one political party. ISC members will represent the geographic and water use diversity of the State, including water rights holders. Create a new selection process and criteria for the State Engineer that emphasizes professional water qualifications and the demonstrated ability to work with diverse water interests.
ORANGE	6	<b>Speculative Water Development.</b> Work towards legislation which decreases the likelihood of water speculation in NM, considering the following issues: 1) beneficial use for new water rights put to use within four

years, 2) clear definition of public welfare, including criteria, 3) allow transfers within or between basins only after the proof of beneficial use process has been completed, 4) create a process for all existing beneficial uses to be declared with technical support from OSE, and 5) require science-based geology and hydrology be used for water applications, and ensure that it is independently peer reviewed.

PURPLE 1

**Data:** Create a data architecture (with data consistency, metadata, uniform measurement) to improve data acquisition, data management, and accessibility for land and water use, planning, and management. Types of data to collect include: flow data, acreages, diversions, consumptive use, return flows, climatological data, evaporative losses, pumpage, water budget data. The architecture should make it possible to gauge hydrologic response and effectiveness of land use treatments.

PURPLE 2

**Regional planning:** Provide adequate and continual funding for Regional Steering Committees and give them authority to acquire funding and implement the plans. The Regional Steering Committees should meet regularly (at least annually) to: review and update the plan, implement plan strategies, and assess the progress. Promote continued development of the NM dynamic statewide water budget for regional planning.

PURPLE 3

**Water management:** Develop and Implement statewide policies based on sound science for adaptive water management especially to respond to climate change and population growth. For example:  
a. enact policies to promote water-smart land use and incentivize water efficiency measures  
b. create a statewide forest fund to improve forest and watershed health (modelled on the nature conservancy rio grande water fund)

PURPLE 4

**Climate change:** Implement innovative strategies to make more water available in light of climate change such as:  
water treatment and reuse (e.g. effluent, produced water, brownfield water)  
improve the efficiency of consumptive use  
mitigating impacts of wildfire  
efficient agricultural water use  
water storage (e.g. upper watershed storage, groundwater storage, wetlands)  
Mitigating impacts of extreme precipitation variability.  
Funding and conducting collaborative research and development on water-related and environmental stewardship topics.

PURPLE 5

**Rural life:** Rural communities and land should be strategically valued as indispensable to New Mexico's culture and the state's capacity to absorb disturbance and maintain economic function in the face of climate unpredictability. Through land use and watershed restoration, ecosystem productivity should be enhanced for the benefit of farming, ranching, outdoor recreation, and other economies that sustain rural communities and urban centers downstream. Approaches should include, but not be limited to: forest fuels reduction, erosion abatement, revegetation of bare soil, planned grazing, wetland and riparian restoration, and implementation of applicable land management plans.

RED

1

**Administration** - Reorganize the existing agencies by establishing a New Mexico Cabinet Level "Water Resources Administration" department combining the ISC, OSE, and Water Protection Division of the Environment Department. Appoint and hire knowledgeable professionals with expertise in water resources to lead the organization. This organization should serve customers (the citizens, businesses and agencies who use water) with good communication between staff and agency leaders. Encourage the organization's members to function with the best interests of the citizens of New Mexico rather than the political party in power.

RED

3

**Data** - Develop an open HUB for centralized access to water data. This would be directed by a water data committee (composed of relevant, interested local, state, tribal, fed water data experts).  
**GROUP TASKS:**

Seek or consolidate existing funding toward a secure recurring budget to support data integration, data collection and maintenance.

Incorporate any relevant water data on groundwater/surface water quantity and quality.

Develop a centralized public data portal (centralized, consistent data)

Advocate for training/ education for citizen science toward data collection support

Identify data gaps and duplication – for more efficient data maintenance

Improve data acquisition.

Convert data into usable formats

(Stacy Timmons)

RED

3

**Water Planning** - Reevaluate the meaning and role of regions in water planning, policy, and implementation. Provide legislative authority, as well as financial and technical resources, to self-organized sub-state regional water planning organizations composed of all relevant stakeholders and organized around boundaries based on physical realities and problemsheds. These regional entities would be empowered to facilitate integrated planning processes, adaptively address short- and long-term water management issues, coordinate funding and implementation of water projects, and develop, manage, and utilize sound regional water data. (Jeff)

- RED 4 **Education:** Develop and invest in the education of New Mexicans on water issues for good decision-making, conservation, reducing conflict and building trust on water issues, and to engage the public on water data collection and the collective management of our water. These should include programs for K-12, Community, University/community college, and adults.
- YELLOW 1 **Infrastructure** - Identify, prioritize, construct and maintain innovative, multi-purpose/multi-revenue water infrastructure; reduce evaporative losses; build and better-locate storage facilities; complete mandated and ongoing major projects; construct or maintain efficient water conveyances; establish potable water systems in rural communities; and where applicable use natural infrastructure to support other water infrastructure. Daren Zigich, darenk.zigich@state.nm.us, 505-476-3323 (w), 303-902-7691 (c)
- YELLOW 2 **Conservation & Sustainability** - Build relationships and capacity by providing scientific and technical assistance to increase water availability through aquifer mapping and exploratory drilling, creation of incentives such as tax credits and/or land and water conservation areas by water rights owners, use of reclaimed water, setting water rates to maintain and expand water infrastructure within public water systems and expansion of watershed and stream restoration. Steven Deal, steven.deal@state.nm.us, 575-915-1108
- YELLOW 3 **Water Management Process** - Develop holistic water management vision and practices which incorporate community priorities and which create multiple benefits including: water conservation, quality and efficiencies; riparian and fisheries habitat restoration; comprehensive watershed management; supporting markets for banked water and novel water sources along with effective and flexible operation and maintenance actions in our natural and built water systems. Steve Harris, steve.harris39@gmail.com, 575-770-2502
- YELLOW 4 **Funding** - Identify constraints and propose changes in funding streams/strategies/processes that will prioritize sustainable funding & sustainable projects to include capital outlay reform, legislative support for public/private partnerships and develop innovative funding alternatives. Priscilla Lucero, Exec. Director, SW NM Council of Governments, 575-388-1509 (w), 575-590-2002 (c)
- YELLOW 5 **Collaboration & Communication** - Develop an effective system for sharing information about water issues statewide. Improve public education about opportunities to collaborate, regional water plans & projects with public meetings. Train water professionals and community leaders to facilitate difficult conversations regarding water issues. Karen Torres, NMED, 505-827-0027, karenm.torres@state.nm.us
- YELLOW 6 **Policy/Planning** - Develop an inclusive, forward-looking process at state and regional levels for water planning, management and policy-making that recognizes diverse community stakeholders, infrastructure needs, and natural watershed systems, to create and implement innovative tools, practices and projects, such as: collaborative "basin roundtables," water banks, instream flow transfers, and conjunctive management of ground and surface water, and ensuring high quality of water. Blake Prather, 1152 CRL, Clovis NM 88101, blakeprather78@gmail.com, 575-760-9608

**Corrected Green 6 and Yellow 1**

GREEN	6	<b>Water planning:</b> Base the planning process as well as funding priorities, administration and management on hydrologic units using science and data to improve overall basin/watershed health.
YELLOW	1	<b>Infrastructure:</b> Identify, prioritize, construct and maintain innovative, multi-purpose/multi-revenue water infrastructure that: reduces evaporative losses by building and better-locating storage facilities; constructs or maintains efficient water conveyances; establishes potable water systems in rural communities; and, where applicable, uses natural infrastructure to support other water infrastructure. These actions should happen while completing mandated and ongoing major projects. SPOKESPERSON: Daren Zigich



## 2018 Meeting Schedule

### Santa Fe Water Conservation Committee

Location: City Councilors' Conference Room, 200 Lincoln Avenue

Time: 4-6 PM

Day: Second Tuesday of the month (except as noted)

Meeting Date	Caption Deadline, 3 PM	Packet Material Deadline, 3 PM
Tuesday, January 9, 2018	Tuesday, December 26, 2017*	Wednesday, December 27, 2017
Tuesday, February 13, 2018	Monday, January 29, 2018	Wednesday, January 31, 2018
Tuesday, March 13, 2018	Monday, February 26, 2018	Wednesday, February 28, 2018
Tuesday, April 10, 2018	Monday, March 26, 2018	Wednesday, March 28, 2018
Tuesday, May 8, 2018	Monday, April 23, 2018	Wednesday, April 25, 2018
Tuesday, June 5, 2018*	Monday, May 21, 2018	Wednesday, May 23, 2018
Tuesday, July 10, 2018	Monday, June 25, 2018	Wednesday, June 27, 2018
Tuesday, August 14, 2018	Monday, July 30, 2018	Wednesday, August 1, 2018
Tuesday, September 11, 2018	Monday, August 27, 2018	Wednesday, August 29, 2018
Tuesday, October 16, 2018*	Monday, October 1, 2018	Wednesday, October 3, 2018
Tuesday, November 20, 2018*	Monday, October 29, 2018	Wednesday, October 31, 2018
Tuesday, December 11, 2018	Monday, November 26, 2018	Wednesday, November 28, 2018

\*Date changed due to holiday or other event