



Agenda

DATE 9/29/16 TIME 2:33pm

SERVED BY Christine Chavez

RECEIVED BY [Signature]

SANTA FE WATER CONSERVATION COMMITTEE MEETING
CITY HALL - 200 LINCOLN AVE.

CITY COUNCILORS' CONFERENCE ROOM

October 4, 2016

4:00 PM TO 6:00 PM

1. CALL TO ORDER
2. ROLL CALL
3. APPROVAL OF AGENDA
4. APPROVAL OF MINUTES FROM THE SEPTEMBER 13, 2016 WCC MEETING

ACTION ITEMS:

5. 2017 Meeting schedule (Christine Chavez, 15 minutes)

INFORMATIONAL ITEMS:

6. AWWA Audit (Christine Chavez, 15 minutes)
7. Conservation Program Updates (Christine Chavez, 15 minutes)
 - A. Water Conservation Survey
 - B. Children's Water Fiesta
 - C. Program changes
8. Group Reports from Water Conservation Committee Working Groups
 - A. GROUP A - Irrigation Rebate and QWEL (Doug Pushard – 15 minutes)
 - B. GROUP B - Expansion of the K-12 Education Program (Robert Coombe – 15 minutes)
 - C. GROUP C - Water Conservation Codes, Ordinances and Regulations (Doug Pushard – 15 minutes)
9. SOURCE OF SUPPLY – Drought Update

MATTERS FROM PUBLIC:

MATTERS FROM STAFF:

MATTERS FROM COMMITTEE:

NEXT MEETING – TUESDAY NOVEMBER 1, 2016:

CAPTIONS: OCTOBER 17, 2016 @ 3 PM.

PACKET MATERIAL: OCTOBER 19, 2016 @ 3 PM.

ADJOURN.

Persons with disabilities in need of accommodations, contact the City Clerk's office at 955-6520, five (5) working days prior to meeting date.

SANTA FE WATER CONSERVATION COMMITTEE
MEETING INDEX
September 13, 2016

Item		Page
Call to Order	Doug Pushard, Acting Chair of the Water Conservation Committee called the meeting to order at 4:05 p.m. in the City Councilor's Room.	1
Roll Call	A quorum was established by roll call.	1
Approval of Agenda	Mr. Wiman moved to approve the agenda as presented with a second from Mr. Lyon which passed by voice vote.	1
Approval of Minutes from the August 9, 2106 WCC Meeting	Mr. Coombe moved to approve the minutes of August 9, 2016 as presented with a second from Mr. Kauffman which passed by voice vote.	1
PRESENTATION: Muchas Gracias Award to Patricio Pacheco	Discussion Only	2
ACTION ITEMS:		
<ul style="list-style-type: none"> Request for approval of Bill No. 2016-_____ AN ORDINANCE AMENDING SECTION 7-4.2 VII SFCC 1987; ADDING A REQUIREMENTS SECTION; AND AMENDING SECTION 14-8.2(D) BEST MANAGEMENT PRACTICES FOR GRADING BEFORE AND DURING CONSTRUCTION. 	Mr. Pushard moved to approve the Ordinance as presented with a second from Mr. Roth which passed by voice vote.	2
<ul style="list-style-type: none"> A RESOLUTION ESTABLISHING TARGET GOALS FOR THE CITY'S GREEN BUILDING CODE TO MEET THE GOALS SET FORTH IN THE US MAYORS CLIMATE CHANGE PROTECTION AGREEMENT, THE CITY'S GOAL OF BECOMING CARBON NEUTRAL BY 2040, AND THE NEED TO CONSERVE WATER RESOURCES DUE TO THE PROJECTED EFFECTS OF CLIMATE CHANGE. 	Mr. Roth moved to approve the Resolution with a second from Mr. Lyon which passed by voice vote.	2
<ul style="list-style-type: none"> Request for approval of Bill No. 2016-_____ AN ORDINANCE AMENDING THE LAND DEVELOPMENT CODE TO UPDATE LAND-USE CATEGORIES, TABLE OF PERMITTED USES TO ADD CODE TO PROHIBIT ANIMAL PRODUCTION AND SLAUGHTERHOUSES, AND PROVIDING FOR AGRICULTURAL USES; CREATING A NEW SUBSECTION 14-6.3(D)(4) OF THE LAND DEVELOPMENT CODE TO ALLOW FOR AGRICULTURAL HOME OCCUPATION EXCEPTIONS; AMENDING SECTION 14-8.7 OF THE LAND DEVELOPMENT CODE TO WAIVE ARCHITECTURAL DESIGN REVIEW OF AGRICULTURAL RELATED STRUCTURES BY THE LAND DEVELOPMENT DIRECTOR; AND AMENDING SUBSECTION 14-12 OF THE LAND DEVELOPMENT CODE TO INCLUDE DEFINITIONS FOR TERMS RELATING TO URBAN AGRICULTURE. 		2,3
<ul style="list-style-type: none"> a.) A RESOLUTION CREATING THE CITY OF SANTA FE PROCEDURES AND GUIDELINES FOR URBAN AGRICULTURE ACTIVITIES AND USES. 	Mr. Pushard moved to support both the ordinance and resolution only if water efficiency are required for best practices and monitoring can be done with further input and assistance from City Staff and the SF Water Conservation Committee members, with a second from Mr. Michael which passed by voice vote.	3
INFORMATIONAL ITEMS: Group Reports from Water Conservation Committee Working Groups	Discussion Only	4

<ul style="list-style-type: none"> • GROUP A Irrigation Rebate and QWEL • GROUP B Expansion of the K-12 Education Program • GROUP C Water Conservation Codes, Ordinances and Regulations • GROUP D Water Conservation Scorecard 		
SOURCE OF SUPPLY	Discussion Only	4
MATTERS FROM THE PUBLIC	Discussion Only	4
MATTERS FROM STAFF	Discussion Only	4
MATTERS FROM COMMITTEE	Discussion Only	4
NEXT MEETING: Tuesday October 4, 2016 Captions: September 19, 2016 Packet Material: September 21, 2016 at 3 p.m.		5
ADJOURN	There being no further business to come before the Santa Fe Water Conservation Committee the meeting was adjourned at 6:03 p.m.	5
SIGNATURES		5

SANTA FE WATER CONSERVATION COMMITTEE MEETING
CITY HALL-CITY COUNCILOR'S CONFERENCE ROOM
200 LINCOLN AVE. SANTA FE, NM

September 13, 2016
4:00 p.m. to 6:00 p.m.

1. CALL TO ORDER

Doug Pushard, Acting Chair of the Water Conservation Committee called the meeting to order at 4:05 p.m. in the City Councilor's Room. A quorum was established by roll call.

2. ROLL CALL

PRESENT:

Lisa Randall, Acting Chair
Aaron T. Kauffman
Robert D. Coombe
Stephen K. Wiman
Doug Pushard, Acting Chair
Justin Lyon
Bill Roth
Tim Michael

NOT PRESENT/EXCUSED:

Councilor Peter Ives

OTHERS PRESENT:

Christine Y. Chavez, Water Conservation Manager
Caryn Grosse, Water Conservation Specialist
Patricio Pacheco, Enforcement Officer City Water Conservation Program
Stacy Pacheco, Wife of Patricio Pacheco
Councilor Singe Lindell
Robert Wood, City of Santa Fe
Lisa Noriega, City of Santa Fe Water Conservation
John Alejandro, City of Santa Fe
Mary Shruben, Santa Fe Public Banking
Sue Perry, City of Santa Fe Wellness
Katherine Mortimer, City of Santa Fe Land Use
Andy Otto, Santa Fe Watershed Association
Linda Vigil for Fran Lucero, Stenographer

3. APPROVAL OF THE AGENDA

MOTION: *Mr. Wiman moved to approve the agenda as presented with a second from Mr. Lyon which passed by voice vote.*

4. APPROVAL OF MINUTES TUESDAY AUGUST 9, 2016 WATER CONSERVATION COMMITTEE MEETING

MOTION: *Mr. Coombe moved to approve the minutes of August 9, 2016 as presented with a second from Mr. Kauffman which passed by voice vote.*

5. PRESENTATION-MUCHAS GRACIAS AWARD TO PATRICIO PACHECO

Councilor Lindell will present on behalf of Councilor Ives who is unable to attend.

Councilor Lindell read aloud the award to Mr. Pacheco signed by Mayor Gonzales. Mr. Pacheco thanked the committee and was very grateful.

ACTION ITEMS:

6. Request for approval of Bill No. 2016-____ AN ORDINANCE AMENDING SECTION 7-4.2 VII SFCC 1987; ADDING A REQUIREMENTS SECTION; AND AMENDING SECTION 14-8.2(D) BEST MANAGEMENT PRACTICES FOR GRADING BEFORE AND DURING CONSTRUCTION.

Ms. Mortimer summarized the reason for the bill. There has been an update on the building codes for commercial construction and residential market is starting to come back and the department did not want to add additional costs. The cost of compliance will not increase. The Land Use department changed the list that was used to configure a score. The City of Santa Fe will be the first city in the nation to use the tool. The new score acceptable for WERS is now a 70.

Mr. Wiman asked how the staff is learning the system. Ms. Mortimer stated there is staff already trained from planning on to permitting and inspections. There is going to be a green training as well. Part of the ordinance will include a full time employee to work on this specifically and Ms. Mortimer will be tasked with it as well.

Ms. Mortimer discussed the program and looked at the international green construction code there will be an administrative cost but not as much.

MOTION: *Mr. Pushard moved to approve the Ordinance as presented with a second from Mr. Roth which passed by voice vote.*

7. A RESOLUTION ESTABLISHING TARGET GOALS FOR THE CITY'S GREEN BUILDING CODE TO MEET THE GOALS SET FORTH IN THE US MAYORS CLIMATE CHANGE PROTECTION AGREEMENT, THE CITY'S GOAL OF BECOMING CARBON NEUTRAL BY 2040, AND THE NEED TO CONSERVE WATER RESOURCES DUE TO THE PROJECTED EFFECTS OF CLIMATE CHANGE.

Ms. Mortimer explained there is not any data collected from the past. The redesign on the program will allow for data to be reported. Mr. Michael asked for clarification of the difference between a Resolution and an Ordinance. Ms. Mortimer explained what the difference was.

Mr. Coombe asked are there estimates of projects where it will report the amount of gallons that will be saved. Ms. Mortimer states the tool will show the usage based on a single family. There will be an estimate on average use.

Ms. Mortimer will report quarterly. Mr. Michael suggested the resolution state that there needs to be data collection. Ms. Mortimer states when asked if the goals in the Resolution have been met they will have the data collected to prove they have.

Ms. Mortimer reported there are more technical amendments to the Resolution that are not in the packet but are available.

MOTION: *Mr. Roth moved to approve the Resolution with a second from Mr. Lyon which passed by voice vote.*

8. Request for approval of Bill No. 2016-____ AN ORDINANCE AMENDING THE LAND DEVELOPMENT CODE TO UPDATE LAND-USE CATEGORIES, TABLE OF PERMITTED USES TO ADD CODE TO PROHIBIT ANIMAL PRODUCTION AND SLAUGHTERHOUSES, AND PROVIDING FOR AGRICULTURAL USES; CREATING A NEW SUBSECTION 14-6.3(D)(4) OF THE LAND DEVELOPMENT CODE TO ALLOW FOR AGRICULTURAL HOME OCCUPATION EXCEPTIONS; AMENDING SECTION 14-8.7 OF THE LAND DEVELOPMENT CODE TO WAIVE ARCHITECTURAL DESIGN REVIEW OF AGRICULTURAL RELATED STRUCTURES BY THE LAND DEVELOPMENT DIRECTOR; AND AMENDING SUBSECTION 14-12 OF THE LAND DEVELOPMENT CODE TO INCLUDE DEFINITIONS FOR TERMS RELATING TO URBAN AGRICULTURE.

Mr. Alejandro thanked the committee for placing this item on the agenda. This item is important to the Mayor. Mr. Alejandro summarized the ordinance. This will address the hole in the current code. The code will encourage small growers to grow their products safely and alleviate food insecurity.

Mr. Alejandro discussed food insecurity issues with the community. Nearly 70% of the City's students receive free or reduced meals in school. Mr. Lyon asked what brought initiated the ordinance. Mr. Alejandro stated there were a variety of factors involved.

In 2014 Councilor Bushee worked with the SF Food Policy to work on these issues. There are some things that need new language. Mr. Coombe asked about other targets and other ways to stimulate this. Mr. Alejandro explained that Santa Fe County is currently working on an implementation plan that targets what can be done county wide to scale up farming, agriculture, ranching and economic development.

Mr. Pushard thanked Mr. Alejandro for bringing the item to the Commission. His question was regarding water efficiency and the use of effluent water in the code

Mr. Pushard discussed the language should encourage users to use water with best practices and not over use it. Mr. Alejandro will note those for the amendments.

Mr. Roth discussed the possibility of monitoring the use. There should be a reasonable amount of water used per square feet. It could be built into the language to monitor for a year and thereafter make it a requirement and not an encouragement. Mr. Alejandro will note that amendment.

Mr. Alejandro will propose to the Councilor to integrate some language on monitoring when you apply for the permit or business license for both well and city users. Perhaps some informational pieces can be created to encourage best practice and educates the public on the ordinance.

Mr. Lyon commented that the effluent water portion is a positive step in the right direction. Mr. Wiman discussed the issue of untreated wells or water that is not up to drinking standards.

Mr. Alejandro discussed the idea of separate meters. Tests for the wells can be written into the policy and procedures.

Mr. Kauffman discussed the issue of over usage when the time comes to prevent crops from freezing. Mr. Lyon mentioned California just began using treated effluent water for that reason.

A discussion was held about how the amendments will get done by the time it goes before City Council on the 28th.

Mr. Roth asked what the maximum square footage will be and when it can be determined to be commercial and home. Mr. Alejandro explained the table.

MOTION: Mr. Pushard moved to support both the ordinance and resolution only if water efficiency are required for best practices and monitoring can be done with further input and assistance from City Staff and the SF Water Conservation Committee members, with a second from Mr. Michael which passed by voice vote.

Mr. Wiman asked how the committee can assist in such a short amount of time. Mr. Alejandro welcomes input from the Committee and ensures that the ordinance and resolution will be acceptable to all involved. Ms. Chavez will help schedule a meeting time and place.

Mr. Woods inquired about the monitoring and who would handle it. Mr. Alejandro stated the work would be administered through City Planning and Water Division staff.

a.) A RESOLUTION CREATING THE CITY OF SANTA FE PROCEDURES AND GUIDELINES FOR URBAN AGRICULTURE ACTIVITIES AND USES.

MOTION: *This item was moved together with the above motion.*

INFORMATIONAL ITEMS:

9. Group Reports from Water Conservation Committee Working Groups

A. Group A-Irrigation Rebate and QWEL

Mr. Pushard reported the last meeting went well and moving forward QWEL Classes will begin in the spring and the cost will be affordable.

B. Group B-Expansion of the K-12 Education Program

Mr. Kaufman reported the group's discussion on historical events. The water fiesta is coming up and the group will meet with teachers. Ms. Grosse reminded the Committee about the event and invited them to present.

C. Group C-Water Conservation Codes, Ordinances and Regulations

Mr. Pushard reported there is a national WERS training soon at the SFCC. Mr. Pushard presented at the NM Israeli forum, he will present in Las Vegas next month.

D. Group D-Water Conservation Scorecard

Mr. Coombe explained the scorecard process.

10. SOURCE OF SUPPLY

Memo included in the packet.

11. MATTERS FROM THE PUBLIC

Ms. Schruben addressed the concerns from her neighborhood on the urban agriculture resolution and changes to the ordinance. There are concerns with the water restrictions, monitoring and enforcement. There are issues with the wells in the city that were grandfathered in, she hopes that they can be metered and accessible. Ms. Schruben hopes that the concerns with the soils and composting are taken seriously. There are issues with consumer fraud and there could be concerns with the dense housing and how close homes are to one another. There becomes street issues and parking, priority of water sources and inspections.

Mr. Otto discussed the success of his event for Zozobro called Boycott the Bottle.

12. MATTERS FROM STAFF

Ms. Chavez reminded the Committee to turn in the code of ethic documents required by the City Clerk. Ms. Chavez is currently working with the Clerk to add a County member to the Committee.

Ms. Chavez announced some work on the survey for sustainable Santa Fe will run beginning October 1st until the third week of November. Ms. Chavez reported the radio show is now being broadcast on FM as well. It has gone great and the new name will be Save Water Santa Fe. Ms. Chavez discussed the code revisions Mr. Erdmann is working on will be reviewed by the codes subcommittee.

Mr. Wood will be leaving the office and several years of institutional knowledge will go with him.

Ms. Chavez reported the solar system in the demo garden will be installed for a better price.

13. MATTERS FROM COMMITTEE

Mr. Kauffman announced he will present in Mexico on the impacts of rain gardens.

14. NEXT MEETING-TUESDAY OCTOBER 4, 2016

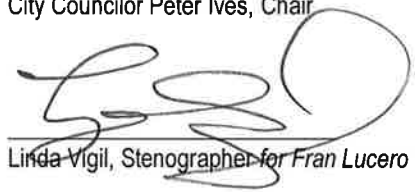
ITEMS FOR THE NEXT AGENDA ARE DUE MONDAY.

14. ADJOURN

There being no further business to come before the Santa Fe Water Conservation Committee the meeting was adjourned at 6:03 p.m.

SIGNATURES

City Councilor Peter Ives, Chair

A handwritten signature in black ink, appearing to be 'Linda Vigil', written over a horizontal line.

Linda Vigil, Stenographer for Fran Lucero

2017 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 10, 2017	Tuesday, December 27, 2016*	Wednesday, December 28, 2016
Tuesday, February 14, 2017	Monday, January 30, 2017	Wednesday, February 1, 2017
Tuesday, March 14, 2017	Monday, February 27, 2017	Wednesday, March 1, 2017
Tuesday, April 11, 2017	Monday, March 27, 2017	Wednesday, March 29, 2017
Tuesday, May 9, 2017	Monday, April 24, 2017	Wednesday, April 26, 2017
Tuesday, June 13, 2017	Tuesday, May 30, 2017*	Wednesday, May 31, 2017
Tuesday, July 11, 2017	Monday, June 26, 2017	Wednesday, June 28, 2017
Tuesday, August 8, 2017	Monday, July 24, 2017	Wednesday, July 26, 2017
Tuesday, September 12, 2017	Monday, August 28, 2017	Wednesday, August 30, 2017
Tuesday, October 17, 2015*	Monday, October 2, 2017	Wednesday, October 4, 2017
Tuesday, November 14, 2017	Monday, October 30, 2017	Wednesday, November 1, 2017
Tuesday, December 12, 2017	Monday, November 27, 2017	Wednesday, November 29, 2017

*Date changed due to holiday

Table B-1. Water Audit Input Values

Water Balance Calculation Term	Water Audit Balance Term	Input Value	Input Definition ¹	Public Water Supplier Input Value (million gallons or acre-feet)
				Use this column to gather data for input into the Audit spreadsheet. 
Water supplied	System input value	Volume from own sources	All water diverted from groundwater or surface water, prior to treatment.	
		Master meter error adjustment	An estimate, or measure, of the degree of any inaccuracies that exist in the master meter measuring the volume from own sources. Be sure to note if this is an over-reading or an under-reading.	
		Water imported	Any water imported into the system from diversions not owned by the PWS completing the audit.	
		Water exported	Any water exported from the system to end-users not serviced by the PWS completing the audit.	
Authorized consumption	Billed authorized consumption/ revenue water	Billed metered	All metered consumption that is also billed. This includes all categories such as single-family residential, commercial, irrigation, standpipes, construction meters at fire hydrants, etc.	
		Billed unmetered	All billed consumption that is calculated based on estimates or norms but is not metered.	
	Unbilled authorized consumption/ nonrevenue water	Unbilled metered	Metered consumption that for any reason is not billed. This might include metered consumption by the utility itself or water provided to institutions free of charge.	

Water Balance Calculation Term	Water Audit Balance Term	Input Value	Input Definition ¹	Public Water Supplier Input Value (million gallons or acre-feet)
		Unbilled unmetered	<p>Any kind of authorized consumption that is neither billed nor metered. This includes items such as firefighting, flushing of mains and sewers, street cleaning, etc. If any if these uses are metered, place them in unbilled metered.</p> <p>There are two options for calculating this figure: (1) Use a percentage of water supplied. The default percentage is 1.25%. (2) Use an estimated volume. If records have been kept for known problems, the PWS may have an estimated volume prepared.</p>	
Water losses	Apparent losses/ nonrevenue water	Unauthorized consumption	<p>Any unauthorized use of water. This may include illegal water withdrawal from hydrants, illegal connections, bypasses to consumption meters, or meter tampering.</p> <p>There are two options for calculating this figure: (1) Use a percentage of water supplied. The default percentage is 0.25%. (2) Use an estimated volume from records kept.</p>	

Water Balance Calculation Term	Water Audit Balance Term	Input Value	Input Definition ¹	Public Water Supplier Input Value (million gallons or acre-feet)
		Customer meter inaccuracies	<p>Apparent losses caused by customer meter inaccuracies and data-handling errors in the meter reading and billing system.</p> <p>There are two options for calculating this figure: (1) Use a percentage of metered authorized consumption. The recommendation is for less than 10%. (2) Use an estimated volume from records kept.</p>	
		Systematic data-handling errors	<p>Includes errors in meter reading, billing, and data handling of the water utility.</p> <p>There is no AWWA-recommended default. The PWS must rely on data records to enter a volume. Base estimates on known adjustments to billing data such as billing errors, credits, rebates, or adjustments not based on volume used (leaks).</p>	
	Real losses		<p>Real losses = water losses - apparent losses</p> <p>The software calculates this value. It includes leakage on transmission and distribution mains, leakage and overflows at utility's storage tanks, and leakage on service connections up to point of customer metering.</p>	Automatically calculated in audit software
System data	n/a	Length of mains	Length of all pipelines (except for service connections) starting from point system input metering (i.e., treatment plant) to customer's meter.	

Water Balance Calculation Term	Water Audit Balance Term	Input Value	Input Definition ¹	Public Water Supplier Input Value (million gallons or acre-feet)
		Number of active and inactive service connections	This includes all service categories (commercial, residential, etc.), whether or not they are currently in use.	
		Average length of customer service line	This is entered where meters are installed inside the home or building, mostly in extreme cold-weather areas. If the customer meter is at or by the curb, 0 is entered. For more details, click on the Service Connection Diagram tab in the Audit spreadsheet (worksheet 5).	
		Average operating pressure	Use either an average or a weighted average by miles of lines.	
Cost data	n/a	Total annual cost of operating system	Includes operations, maintenance, and any annually incurred costs for long-term upkeep of the system (capital bonds, infrastructure improvement, etc.) on an annual basis.	
		Customer retail unit cost	This cost is the amount customers pay for water service per 1,000 gallons; a weighted average by customer class is recommended.	
		Variable production cost	This is the cost to produce and supply the next unit of water per million gallons (treatment, power, bulk purchases of water).	

¹ The definitions rely on the NMOSE's experience in using the Audit and on definitions provided in AWWA M36 and the Audit software.

Notes: n/a = not applicable.

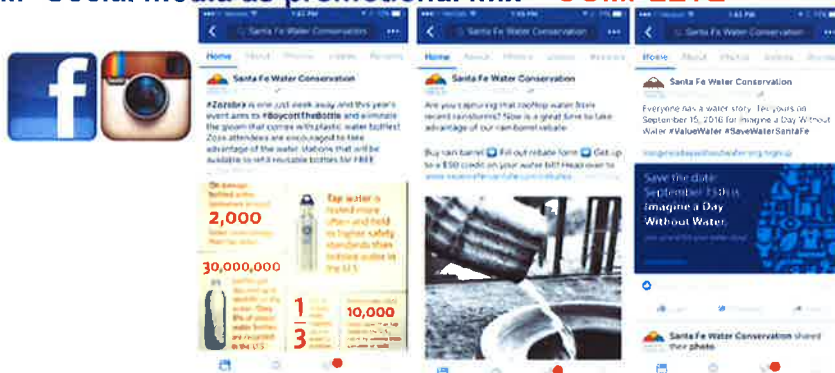


PR & Marketing Tactics Update - September

i. Re-brand and update the logo - **COMPLETE**

1. Reproduction ease (less costly) and flexibility
2. Meets social media scale dimension
3. Native American symbol 'represents water in every form as one of the most vital elements for sustenance of life and signifies promotion of good prospect in the future'.
4. Culturally distinctive to northern NM and surrounding watersheds with limited use as logo, compared to the Zia symbol

ii. Social media as promotional mix – **COMPLETE**



- **Facebook (@savewatersantafe)**
- **Instagram (@savewatersantafe #savewatersantafe)**
- **Twitter (@savewatersf – static/reserved name)**
- Analytics trending up for reach and engagement. For example, reached 2000 with 450 weekly impressions and nearly 500 page engagements in September.
- Promoted WaterWise tips, Smart Irrigation Month, BoycottTheBottle for Zozobra, Rain barrel rebates during storm events, Imagine a Day Without Water w/ videos.
- Content library and calendar completed.

- **NEXTDOOR** - Use sparingly for key information or asks (launched 9/15)

Activity

My agency ▼

VIEWING: City of Santa Fe Water Conservation Office ▼



SANTA FE WATER CONSERVATION Joins Nextdoor

Water Conservation Manager Christine Chavez from City of Santa Fe Water Conservation Office

14 Sep

Hello Santa Feans,

The City of Santa Fe Water Conservation Office (Water Division) is excited to announce its interest in using Nextdoor to provide important updates and information to neighborhoods in your area. As part of this effort, you may see periodic updates from Water Conservation staff. The purpose of these updates is to share alerts, news, and other notifications that are relevant to your neighborhood.

It's important to note that the City's Water Conservation staff can only see their own posts and replies to such posts. They will NOT be able to access or view any information that you and your neighbors have shared in your neighborhood. Communicating with Water Conservation staff is entirely voluntary and you may choose to unsubscribe from all Santa Fe Water Conservation posts.

Please visit our Help Center if you have any questions.

-Christine Chavez, Water Conservation Manager

Edited on 15 Sep Shared with City of Santa Fe Water Conservation Office in General

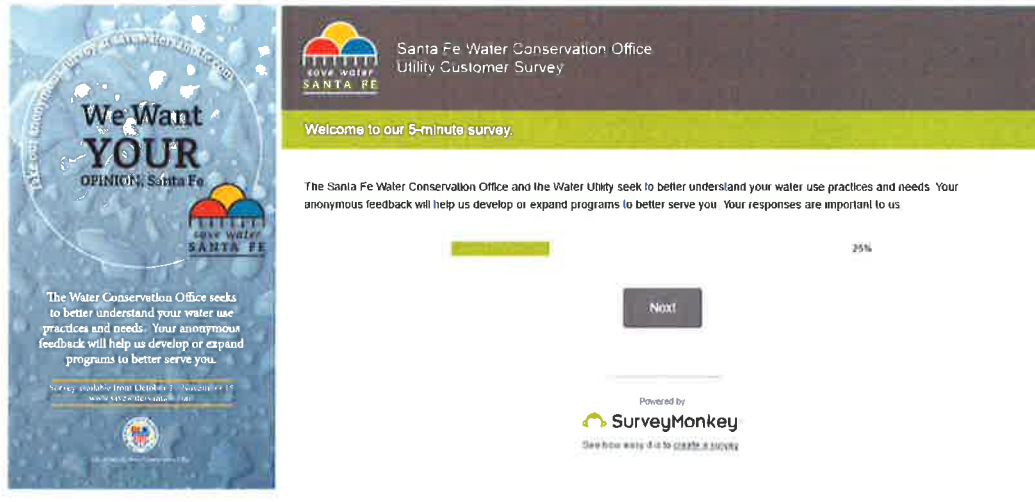
REPLY ▼

★ Lynn, Justin, Dave, and 26 others thanked you

iii. News Release Calendar & Key Messaging– COMPLETE

- WCC Members
- Children's Water Fiesta
- Survey
- Eye on Water/Badger Pilot Success Milestone
- Residential Rebate Milestone
- New Signage Roll-out
- Survey
- Seasonal Reminders
- 1st Commercial Rebate
- Green Lodging
- Rainwater Harvesting Resolution

iv. Data collection survey coordination – LAUNCHED (English & Spanish) 10/1-11/15



- News Release
- Bill Stuffers
- Paid advertisement in SFNM, Reporter & GFT
- Social media posts 2x week w/ boosts
- NextDoor
- Website
- WCC & Sustainability SF assistance/share
- Weekly mention on Que Suave
- Social media influencers
- Mayor memo to employees
- Survey results will be made public in December

v. Advertisement as promotional mix - COMPLETE

- Existing ad POs secured before PR contract have been refined and improved with clear message and strategy alignment and maximum reach.
- KSWV-AM (soon FM) Weekly Water Talk "Save Water Santa Fe" includes promos and podcast sharing for cross social media promotion. Editorial content and guests have been identified.
- Ads being developed for maximum impact with graphic designer.
- Survey data will drive 2017 seasonal peak ad campaign.
-

vi. Website social compatibility – In Process

- 1st step - website needs to be compatible with social media platforms and visual content
- Vendor contract in process
- December deliverable
- 2nd step – revise/update website (Winter)

Take our anonymous

We Want **YOUR**

OPINION, Santa Fe



The Water Conservation Office seeks to better understand your water use practices and needs. Your anonymous feedback will help us develop or expand programs to better serve you.

Survey available from October 1 - November 15
www.savewatersantafe.com



saving water is always in season
conservar el agua cada temporada



water served upon request

savewatersantafe.com



saving water is always in season
conservar el agua cada temporada



Everyday millions of gallons of water are used to wash towels that have only been used once.
You Can Make A Difference in the City Different!

*Towels left hanging
tell us you wish to reuse them.*

Towels on the floor will be exchanged.

Thank you for helping us! savewatersantafe.com



saving water is always in season
conservar el agua cada temporada

Southwest Plant Selector

Download the App Today!
and start saving water Santa Fe



New Mexico State Office of Engineers
Center for Landscape Water Conservation
New Mexico State University Board of Regents

Back



Southwest Plant Selec... 4.0

Learning Games Lab, NM Sta... >

OPEN

Details

Reviews

Related

Carrier

2:34 PM

Filter

Plant Listing



Autumn Crocus
Colchicum autumnale



Autumn Joy Sedum
Hylotelephium telephium 'A...



Autumn Sage
Salvia greggii



Baby's Breath
Gypsophila paniculata



Bailey Yucca
Yucca baileyi



Baja Evening Primrose
Oenothera stubbei



Featured

Top Charts

Explore

Search

Updates

Carrier

2:34 PM

Filter

Plant Listing

Filter Results

Filter on name

Only show favorites?

Favorites only

Grows in Shade or Sun?

- ☒ Grows in sun
- ☐ Partial shade
- ☐ Full shade

Deciduous or Evergreen?

- ☐ Show Deciduous
- ☐ Evergreen
- ☐ Semi-Evergreen



Irrigation Subcommittee Notes

1. Christine is working on submitting paperwork to CID to get City certified to teach QWEL for irrigation professionals. Need information for this packet. Specifically next QWEL classes:

Jan 23 - end of March 2017

May 31 - June 3rd 2017

Both at SFCC

Christine wants to also get Xubi QWEL certified and discussed dates for him to do a field audit walk through with staff. Xubi is providing the dates for this to happen at SFCC with the appropriate water folks from the school. It is being submitted to JD Baca at the state.

2. Christine wants to submit to the QWEL folks the following to be added to the QWEL training personnel list. Doug, Caryn, Jeff Adams and herself to be listed as instructors.

3. Discussed outdoor audit program for Do-It-Yourselfers (DYI). Fort Collins does this program and it would be similar to this program.

- Caryn to update the brochure to take out spray and add in drip irrigation. Also make it easier to read.

- City or vendors would stock the Audit Test Kits

- City would buy rain sensors and provide these FREE for completed audits

- Discussed having rain sensors at vendor sites to give out after audit. This needs to be investigated. But having Vendors (e.g. Firebird and others) was agreed to be key.

4. Discuss professional audit program.

- Raise the rebate amount

- Christine was going to talk to several vendors about the program and get some feedback on what they would like to see in a future program.

- Doug raised the issue of not needing to be licensed to perform an audit. Also the requirement to break/fix work is limiting to the program. Rebate is going to the client not the person doing the work.

- Want to add Drip incentives to the program.

- Doug mentioned that moving from a non-hydrozoned system to a hydrozone system should be considered

5. Like to get changes to the rebates to in this year, so it is in the budget for next year.

6. Discussed having greywater as part of program. It would be modeled after QWEL program and coming from the folks in CA. Hopefully it will be taught at the Water Conference and get city/local personnel certified to teach this class.

7. Next meeting will discuss Commercial Irrigation Rebates.



2016 Children's Water Fiesta



Thank you so much for being part of this year's Water Fiesta!



The City of Santa Fe Water Conservation Program is taking the lead in developing a comprehensive environmental education program to offer to a select group of classrooms in the 2017-2018 school year free of charge. The program would be a collaboration of all of our City counterparts who do presentations in the classroom on water conservation, sustainability, recycling, water and wastewater treatment and watershed protection. The idea is to have all these programs combine their resources to offer a comprehensive program that assists teachers in meeting key curriculum requirements and more importantly to offer students quality environmental education by experts in the field. The program would include in-class presentations and on-site and off-site field trips as well as peer-to-peer presentation opportunities.

We would like to invite you to be a part of our one hour Teacher Task Force group which will take place during the fiesta while your students are participating in activity periods 2 and 3. As part of the Task Force Group we are asking you to think about and offer comment on the following questions.



1. What City programs have you participated with in the past and which were the most effective?
2. What resources could we make available to you that would make it easier to participate in such programs?
3. How can we align our programs with the educational standards you have to meet in your classroom?



**Please come to Sweeny E
at the start of second activity (10:25 - 11:20)
to have a cup of coffee and
participate in the discussion**

1. Which City program has your school participated in?
 - Children's Water Fiesta
 - Children's Poster Contest
 - My Water, My Watershed
 - Tour of Wastewater Treatment Plant
 - Tour of Buckman Direct Diversion (BDD)
 - Sustainable Santa Fe
 - Keep Santa Fe Beautiful (Recycling, Liter,)
 - Classroom presentation by Water Conservation
2. How likely would you be to participate in the Comprehensive School Outreach Program as described to you today given each of the following.
 - (1-5 Not at all likely, not likely, not sure, likely and very likely)
 - Classroom instruction that corresponded with educational standards
 - Free transportation to field trips
 - On-site field trips (to river if you are in walking distance)
 - Administrative support
3. What barriers would keep you from participating in a program like the one proposed to you today?
 - Time
 - Financial Barriers
 - No room in curriculum
4. Do you feel like there is a need for a program like this in your school? (yes or no)
5. What do you think would be the limitation to the program we are proposing to you?

6. How important is an educational program focused on all things water (conservation, energy, wastewater and water treatment and watershed protection) to your focus as a teacher?
 - Scale of 1-5 on importance
7. How is environmental education currently integrated into your curriculum?
 - Integrated into other core subjects by teacher
 - It is taught as a separate topic not associated with standards
 - Guest speaker is brought in to teach subject
 - Not taught in classroom because of limited resources/ time
 - Other

8. What set of standards do you think our idea would work best with?
 - Common Core Standards
 - NextGen Science Standards
 - LANL science kits
 - Other

9. Other question
10. May we contact you for further information (yes or no)

Below is a report from the Code/Regulations/Legislation Workgroup for September WCC meeting.

ICC Rainwater Code

Committee votes on changes to code due August 27th. I have a copy of the ICC DRAFT Rainwater Harvesting Standard if anyone wants a copy please let me know. Next step is meeting to review the committees approved changes and then put out for another public review.

IAPMO Solicits Public Comments Toward Development of 2017 WE Stand

The International Association of Plumbing and Mechanical Officials (IAPMO®) is calling for public comments on formal proposals toward the development of the 2017 Water Efficiency and Sanitation Standard (WE Stand). No comments will be accepted after the 5 p.m. PDT Nov. 28 deadline.

<http://www.iapmo.org/WEStand/Pages/DocumentInformation.aspx>.

City of Santa Fe Green Building WERS Code Approval

- WCC Approval 9/13
- Public Utilities Committee on October 5th
- Finance Committee on the 19th
- City Council on October 13th

Chapter 25 Rewrite Update

- **Nothing to report**

Santa Fe County

WERS will be an option in the updated SLDC to cisterns in the county as currently proposed

US Senate Pass the Water Resources Development Act of 2016 (S. 2848)

The Water Resources Development Act of 2016 (S. 2848) is a comprehensive bill addressing diverse concerns, including lead contamination, sewer overflow control, water system security, drinking water conservation, and improving ports and waterways. Among its provisions, the bill will provide about \$270 million in mandatory funding for the EPA and other agencies to respond to drinking water emergencies and lead exposure, support needed flood control projects that protect millions of people and billions of dollars' worth of infrastructure, and authorize \$50 million annually for grants to support the development of new technology that addresses "pressing water challenges."

The legislation passed by a vote of 95-3. That bill is being harmonized with similar legislation passed by the House of Representatives before it seeks President Obama's signature.

http://www.epw.senate.gov/public/_cache/files/141a2eca-1a00-4392-a3f3-b69cc0cec872/edw16572.pdf

**City of Santa Fe, Source of Supply Section/Water Division
Water Production Update
Public Utilities Committee Meeting
October 5, 2016**

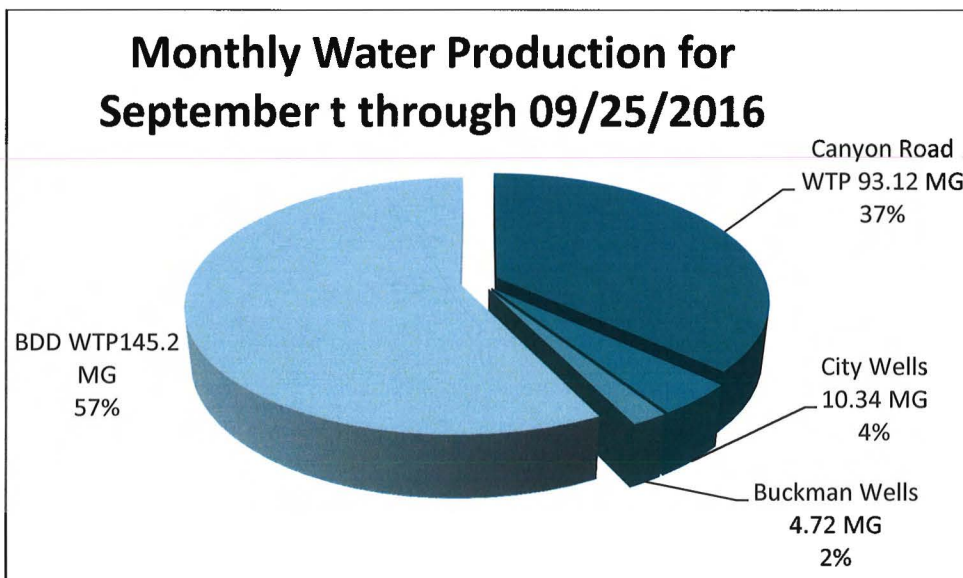
Filter Plant Demolition

The City Attorney's Office has drafted an "Interdepartmental Transfer Agreement" (or a similar agreement), wherein the Public Utilities Department - Water Division does not cede the land but allows Parks and Recreation to use the land under the Water Division's continued "ownership". This has been determined to be the best means to allow the use of an Enterprise Fund property to a General Fund department. This Agreement has been signed by respective Department Directors and has been forwarded to the City Manager and the City Clerk's Office for final signatures and filing.

Water Production for September (through 09/25/2016)

Water production at the Canyon Road Water Treatment Plant (CRWTP) has been decreased significantly from previous months during 2016 due to low reservoir levels and increased use of the Buckman Direct Diversion Water Treatment Plant. Production at the CRWTP was 93.12 million gallons (MG) for the first twenty-five (25) days of September, or a daily average of 3.72 MGD for the month. The Buckman Regional WTP produced 145.2 MG during this period of time, or an average of 5.8 MGD. Total production for the first 25 days of September from all sources was approximately 253.08 MG. Production levels for the entire water system from each individual source is illustrated in the chart below. Average daily usage or customer demand during the month of September was down slightly from August average daily consumption levels (10.34 MGD), with an average of 10.12 MGD for the September time frame covered by this report. This reduction in daily customer demand is attributed to continued decrease in the use of water for outside irrigation purposes, as well as the result of continued light rainfall and cooler temperatures during the month.

Nichols Reservoir storage levels have been maintained at a constant level since the end of August and are at 114 MG, or 53%. However, the storage level of McClure Reservoir has decreased significantly from 291.53 MG (27%) to 199 MG, or 18.3% of total reservoir storage capacity.. The combined storage level for both reservoirs is 313 MG, which reflects a combined storage level of 24%, as compared to 31% in August. The current Santa Fe River inflow levels to McClure Reservoir continue to decrease in volume and are currently at 1.3 MGD, as compared to 1.7 MGD in late August.



Baca Street Well

PNM sampled all previously sampled wells located at the Baca Street site during the month of August and is awaiting analytical results. NMED-PSTB has indicated that they have set a deadline for October 1, 2016 for PNM to submit analytical results and a monitoring report to the Bureau. PSTB and the City will meet after those results and the report have been submitted.

Downtown Ground Water Monitoring Project

INTERA Incorporated (INTERA), under contract with the New Mexico Environment Department (NMED), has completed groundwater and vadose zone assessment activities at five wells for historic areas in downtown City of Santa Fe (City), Santa Fe County (County), New Mexico. The current area of interest (Site) identified for investigation is bounded to the north and east by Paseo De Peralta, the south by East Alameda, and to the west by North Guadalupe Street. Planned investigation activities include the design and installation of preliminary characterization and monitoring system(s) for both groundwater and soil vapor in historic portions of downtown Santa Fe followed by periodic sampling of such system(s), as appropriate, for the purposes of identifying and monitoring environmental contaminants of potential concern (COPCs).

Sampling results from this investigation indicate two sites where PCE was found at significant levels, above RCRA standards, in groundwater. The most contaminated site exhibited 1000 ppb of PCE and is located near the corner of West Palace and Lincoln avenues. The New Mexico Environment Department and the City continue to discuss the results and possible future courses of action including a Superfund Investigation (SI) for the area of contamination.

Drought, Monsoon/El Nino, and ESA Update

NOAA has recently updated ENSO (El Nino) status to: ENSO-Neutral conditions are slightly favored (between 55-60%) during the upcoming Northern Hemisphere fall and winter 2016-17. Dry conditions in 2016/17 could present significant challenges to all water purveyors, water utilities, and irrigators if there is not significant filling and carry-over storage in regional reservoirs from the current run-off season and/or monsoon rains. Regional reservoir levels on the Rio Grande and Chama Rivers are still low. Upper Santa Fe River reservoirs are low and City draw down has been reduced accordingly, with a corresponding increase in BDD diversions from the Rio Grande. Preliminary estimates are for an approximate 95%-100% delivery of full firm-yield of San Juan-Chama Project water. There are no water-related Endangered Species Act (ESA) updates. Updates on ESA issues will be made as needed. Rio Grande Compact Article VII storage restrictions went back into effect 4/22/16, which means the City will not be allowed to impound "native" runoff into Nichols and McClure Reservoirs above the pre-Compact pool of 1,061 AF (unless an exchange for water is made with the NMISC). Updates to this condition will be made as needed.

Most Current City of Santa Fe 2015/2016 SJCP Reservoir Storage Levels:

Heron:

4,839 AF (2015 SJCP water must be vacated by September 31, 2016 pursuant to a BoR waiver). 2016 deliveries are at about 95% of annual total.

El Vado:

3,026 AF

Abiquiu:

9,416 AF SJCP carry-over from previous years, no time limit to vacate due to storage agreement with ABCWUA

TOTAL:

17,281 AF