



Agenda

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**SANTA FE WATER CONSERVATION COMMITTEE MEETING
WATER DIVISION – 801 W. SAN MATEO
PARAGUA CONFERENCE ROOM – 2ND FLOOR
November 15, 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**
5. **APPROVAL OF MINUTES FROM THE OCTOBER 4, 2016 WCC MEETING**

ACTION ITEMS:

6. **2017 MEETING SCHEDULE (Christine Chavez, 5 minutes)**
7. **RESOLUTION AMENDING THE MEMBERSHIP REQUIREMENTS OF THE SANTA FE WATER CONSERVATION COMMITTEE SO THAT A RESIDENT OF SANTA FE COUNTY IS APPOINTED TO THE MEMBERSHIP AND TO CLARIFY TERM LIMITS OF THE MEMBERSHIP (Christine Chavez, 5 minutes)**

INFORMATIONAL ITEMS:

8. **SOURCE OF SUPPLY – Drought Update (Alex Puglisi, 20 minutes)**
9. **FOREST FIRE AND WATERSHED CONNECTION (Alan Hook, 20 minutes)**
10. **NEXT GENERATION WATER SUMMIT June 4-6 2017 (Doug Pushard, 20 minutes)**
11. **GROUP REPORTS FROM WATER CONSERVATION COMMITTEE WORKING GROUPS**
 - A. **GROUP A - Irrigation Rebate and QWEL (10 minutes)**
 - B. **GROUP B - Expansion of the K-12 Education Program (10 minutes)**
 - C. **GROUP C - Water Conservation Codes, Ordinances and Regulations (Doug Pushard – 10 minutes)**

MATTERS FROM PUBLIC:

MATTERS FROM STAFF:

MATTERS FROM COMMITTEE:

NEXT MEETING – TUESDAY DECEMBER 13, 2016:

CAPTIONS: NOVEMBER 28, 2016 @ 3 PM.

PACKET MATERIAL: NOVEMBER 30, 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. 	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.	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. 		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

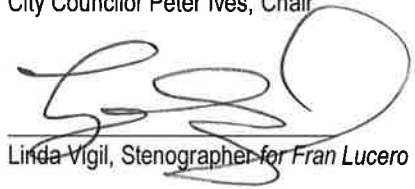
ITEMS FOR THE NEXT AGENDA ARE DUE MONDAY.

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

WATER CONSERVATION COMMITTEE
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October 4, 2016

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Roll Call/Call to Order	Lisa Randall, Acting Chair, called the Water Conservation Committee Meeting to order at 4:05 pm in the City Councilor's Conference Room. A quorum was not presented, reflected in roll call.	Page 1
Approval of Agenda	<i>Mr. Roth moved to approve the Agenda as presented, second by Mr. Michael, motion carried by unanimous voice vote.</i>	Page 2
Approval of Minutes, September 13, 2016	<i>Mr. Michael moved to approve the minutes of September 13, 2016 as presented, second by Mr. Lyon, motion carried by unanimous voice vote.</i>	Page 2
Action Item Approval of 2017 Meeting Schedule Amended: February 14, 2017 meeting to by February 7, 2017	<i>Mr. Roth moved to approve the 2017 WCC meeting calendar as amended, second by Mr. Michael, motion carried by unanimous voice vote.</i>	Page 2
Discussion Items <ul style="list-style-type: none"> • AWWA Audit • Water Conservation Survey 	Informational, no formal action.	Page 2 - 3
Informational Items <ul style="list-style-type: none"> • Group Reports • Source of Supply Report 	Informational, reports included in packet Source of Supply report included in packet.	Page 3 - 5
Matters from Committee	Informational	Page 5
Matters from Staff	Informational	Page 5
Matters from the Public	None	Page 5
Next Meeting	Tuesday, November 1, 2016	Page 5
Adjournment and signature	Meeting was adjourned at 5:45 pm	Page 5

CITY OF SANTA FE

WATER CONSERVATION COMMITTEE

MINUTES

Fran Lucero, Stenographer

10/4/2016

DRAFT UNTIL APPROVED

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

**OCTOBER 4, 2016
4:00 PM TO 5:45 PM**

MINUTES

1. CALL TO ORDER

Lisa Randall, Vice Chair for the Water Conservation Committee called the meeting to order at 4:05 pm in the City Councilors' Conference Room.

2. ROLL CALL

Present:

Lisa Randall
Doug Pushard
Tim Michael
Bill Roth
Justin Lyon

Not Present:

Aaron Kauffman, Excused
Stephen Wiman, Excused
Robert D. Coombe
Councilor Peter Ives

Others Present:

Christine Y. Chavez, Water Conservation Manager
Andy Otto, Santa Fe Watershed Association

Fran Lucero, Stenographer

Quorum Note:

A quorum was not available at this meeting. 6 members constitutes a quorum, 10 members is full membership excluding the Chair.

3. APPROVAL OF AGENDA
No Changes.

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

4. APPROVAL OF MINUTES SEPTEMBER 13, 2016 WATER CONSERVATION COMMITTEE MEETING
No Changes.

Mr. Michael moved to approve the minutes of September 13, 2016 as presented, second by Mr. Lyon, motion carried by unanimous voice vote.

ACTION ITEMS

5. APPROVAL OF 2017 MEETING SCHEDULE (Exhibit A)

Recommendation is to change February 14, 2017 date to February 7, 2017.

Mr. Roth moved to approve the 2017 meeting schedule as amended, second by Mr. Michael, motion carried by unanimous voice vote.

DISCUSSION ITEMS:

6. AWWA AUDIT

Ms. Chavez talked about the AWWA Audit at a previous meeting and commented that they were showing the non-revenue water in the negative and it can never be in the negative. There were several reasons for that, one they were doing a lot of estimates at that time as the meters were being switched out and the consumption data wasn't that great but they had good production data. This project has moved over to the Water Resources Department. There are two different methodologies you can use with AWWA, there is one and it can take about ½ hour to do and you make a bunch of assumptions and you give yourself basically whatever score you want. When Ms. Chavez worked with her past employers she always had a default assumption methodology base of her own when working with AWWA. What has been done also meets the requirements of the Trust Board application; this is one of the things that the City Water Resources has to do in order to apply. With this contract there were resources in the amount of \$30,000 a year to help us do this. The process that Ms. Chavez and Ms. Grosse are doing is a very involved process. Table included in the packet that explains the Water Audit Input Values they will focus on. The table indicates some of the things that they will be collecting. The contractor will be able to assist with the city/county data and readings. This audit will be pushed out in February 2017 and requesting final approval in March 2017 is the goal.

Mr. Pushard asked how does Santa Fe calculate the GPCD, what is included and next to it as there are slight variations.

Ms. Chavez stated that she would send a document regarding this information to better understand. Basically they are mandated by the state to use a specific methodology which is gallons per capita per day calculator. There are many utilities calculated differently but with this methodology everyone is doing it the same way so we can compare ourselves against each other with the same kind of data.

Ms. Chavez said instead of going back in time and trying to rationalize what did or didn't work, they will look at 2016, 2017 and 2018. 2016 should capture most of the new residential meters going in and 2018 will have all of the bigger and commercial meters and by that time we should have our process in place to capture how we do business. Question on meter responsibility? Ms. Chavez said that the City gets a spreadsheet from the county with the amounts and the city doesn't have a way to reconcile. This is an issue as you don't know if there is a revenue loss or gain. This contract has a meter specialist that can do this work. The contract was approved last year for 4-years but not used for this purpose, we will use the last 3 years of the contract.

7. CONSERVATION PROGRAM UPDATES

a. WATER CONSERVANCY SURVEY

Ms. Chavez has been sending the WCC members documents on the water conservancy survey. It is important to get feedback from the members. We have worked with John Alejandro in order to incorporate sustainability questions; it is in the Save Water Santa Fe Ap. Ms. Chavez suggested using the Nextdoor Ap and they have received a good response. It was noted that the Survey is also in Spanish. Data will be shared with John Alejandro, Sustainable Santa Fe which gives them a great opportunity to incorporate their thoughts as well.

Mr. Roth asked what is the expected response. Ms. Chavez said she believed it was 1/3 of the people responding to it but there is actual research that shows it is less than that. It has been sent out electronically and Ms. Chavez feels it will be responded to in a positive manner and more than expected.

Ms. Randall: What is more valuable a commercial or residential. Ms. Chavez said this survey was prepared to target more the residential customers. We need to develop and expand the commercial program on our end.

b. WATER FIESTA

Ms. Chavez said that a Teacher Task Force showed up the first day, 12 out of 15 responded and second day 10 out of 12 teachers responded. Several indicated that they attended the My Water – My Watershed.

Mr. Roth attended and said that he was very impressed. The kids were engaged and the WCC members were very impressed with the presentations. Presenters were very engaged in this event. Congratulations to Lisa Noriega and Caryn Grosse, she did a great job. There were approximately 700 kids and programs in every room of the convention center. Ms. Chavez said that the idea for next year is to utilize the high school students from many of the local schools as expeditors. We would like to do a peer-to-peer program for these students, possibly doing it for an extra day, as these students are really to present on their own. The amphibian display was great! There were 6-7 members from BDD and their participation was a great contribution. Included in the packet was the flyer and survey for lessons learned. Ms. Chavez said talking to the teacher's 1:1 was the greatest benefit.

c. PROGRAM CHANGES

An update and schedule is included in the packet of PR and Marketing trends. The "We Want Your Opinion" survey will run through October and part of November. The winning image is also included in the packet, which will go in tabletops for restaurants and one for hotels. The Water Conservation logo has also been changed to Save Santa Fe Water. *(It was noted that there is a misspelling in the Spanish version of the image).*

Southwest Plant Selector – They will be pushed to the electronic aps on the website. Staff will be working with the nurseries with some of the feedback that they responded to. The Chair suggested that it should go out to landscapers, building contractors and/or homebuilders association and others. Ms. Chavez asked for input from the WCC members. Master Gardeners are an excellent resource too. The Chair said as a committee, the members could push this Ap out to others who would appreciate it.

INFORMATIONAL ITEMS:

8. GROUP REPORTS FROM WATER CONSERVATION COMMITTEE WORKING GROUPS

a. GROUP A – IRRIGATION REBATE AND QWEL

Mr. Doug Pushard – Update included in the packet. (Exhibit B)

Mr. Pushard expressed his thank to Ms. Chavez for keeping the committees going. What has come out of the most recent meeting was to looking at a "do it yourself audit kid" modeled after a program in Ft. Collins. People can get a kit and do their own outdoor water palette. At last weeks meeting there were four different irrigation companies involved and they were excited to move forward. It was also suggested that the city provide a free rainwater sensor but they are stored at the 4-vendors places of business. If we get them involved in promoting these programs they get these things done.

There will be two different programs; the do it yourself and then the professional program, the two tiers will be good.

We teach QWEL, SFCC is going to pick this up, we need two authorizations, Christine will take the lead on the QWEL Instructors and Irrigation people have been asked as well. Ms. Chavez noted that in meeting with these four entities there was a discussion on the rebate they now have for the smart controller and we could partner with them to develop a brochure on all the things we offer a rebate for and on the other side all the things that Ewing sells, etc. We would also create a form for the receipts and they can assist the customer at that time and they would bring it in and they would get their rebate. Ms. Chavez said they are trying hard to have all applications and/or surveys, rebates electronically. They were talking about attaching the receipt to the application and city staff could pick it up from the vendor. It was also noted that it would be easier to send a receipt by PDF so customer would have the original receipt. It was requested that the city do a guide for irrigation systems, this is a request from the vendors; they would put their logo on the finished piece.

b. GROUP B – EXPANSION OF THE K-12 EDUCATION PROGRAM

Bob was there for the Teacher Task Force meeting; Ms. Chavez went and toured BDD to see what information they give the kids and participated in the tour that they give. She also visited the old recycling location only to learn that the city hauls the recycling to a contractor vs. using the equipment that exists. The thought was to take the kids to see the recycling and it won't work for the kids. The kids will be invited to a presentation to Keep Santa Fe Beautiful. It is now time to bring all the partners together at the table to get this program on its way. The Chair noted that there is no requirement for environmental teaching in schools and it is more a competition for time. Ms. Chavez said that this program would need to be aligned with school teachings during their time frame. We need to try out what is best for kids to know the value of water.

c. GROUP C – WATER CONSERVATION CODES, ORDINANCES AND REGULATIONS

Doug Pushard: (Exhibit B)

- Report on ICC was done at last meeting; sub-committee will meet in another month, they have voted on the changed and will send out for comments after final review.
- IAPMO is another water efficiency; it will not be a standard even though it says that, it will be a guideline before it becomes a standard over time.
- Mr. Roth also attended the City of Santa Fe Green Building WERS Code at the Finance Committee. There was council concern communicated on the extra employee and on the Code which they thought included too much to be done and it actually includes less. Mr. Pushard will send a note to have people support before the City Council. It did pass the Finance Committee.

The County is currently updating their Land Use and WERS will become an option for the requirement for a cistern. They will be able to have a requirement for a cistern or a WERS equivalent for a test. There are a lot of cisterns out there basically full. Suggested changes will now go through the formal process and the similarities should align with the city/county.

Chapter 25 Rewrite – No update.

US Senate passed the Water Resources Development Act of 2016 and the House passed a similar bill. They are not the same but have been both approved by the Senate and the House and it has funding, which will open up grant opportunities. There is about \$50 million dollars to support the development of new technology that addresses pressing water challenges. There is a lot of lead funding in this bill, water quality, watershed, it literally goes across the board where the money can be spent.

Mr. Pushard asked for the status of Group D. Ms. Chavez said that at this time it has been delayed until she can meet with the WCC members on this group.

9. SOURCE OF SUPPLY

Report included in packet.

Mr. Pushard asked about the limit in the reservoir, that we have 1,071 acre feet that went in to effect a couple of years back. Is that why the reservoirs are kept at a lower level than we would expect it to be?

Ms. Chavez will ask staff and provide an update at next meeting. Mr. Pushard said it looks like a new restriction, does it go off and on, he has never seen this before. That would limit what we keep in the reservoir. Mr. Roth referred to the Rio Grande Compact. Ms. Chavez will further research and provide information at next meeting.

Mr. Michael said it looks like something kicked in April 22, 2106, which limited the pool to 1,061 acre-feet.

The Chair referred to Section – Downtown ground water monitoring, can someone define: PCE. PCE is a Sampling – Poly Chlorine Ethylene is common in dry cleaning operations. PCEs are incredibly mobile; they are good to find where ground water contaminated the water because they move so fast. Is there a filtration for PCEs? No. Often you take the ground water out of the ground. What made it unusual is that it was found in the downtown area. PCB – there is some record of being found in the Santa Fe River.

MATTERS FROM PUBLIC

NONE

MATTERS FROM STAFF

- Working with Jessie Guillen to get a county member for the WCC.
- Giselle Piburn – Certificate of Appreciation – WCC members to sign certificate and staff will get it to her. Thank you for all her hard work.
- There was a suggestion to go to BDD, have a tour and hold the meeting at that location.

MATTERS FROM THE COMMITTEE

- Doug Pushard – 20 minutes next meeting for report on Water Summit.
- Mr. Tim Michael – assured that quorum is based on a membership of 10 people
- Lisa Randall – Working on Facilities Master Plan – SFPS – Proposing roof water catchment, underground cistern pumping up to landscaping.

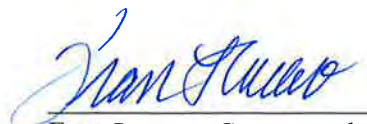
NEXT MEETING – TUESDAY NOVEMBER 1, 2016:

ADJOURN

There being no further business to come before the Water Conservation Committee, the meeting was adjourned at 5:45 pm

Signature Page:

Lisa Randall, Acting Chair



Fran Lucero, Stenographer

2017 Meeting Schedule

Santa Fe Water Conservation Committee

Location: City Councilors' Conference Room, 200 Lincoln Avenue (except as noted)

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 7, 2017*	Monday, January 23, 2017	Wednesday, January 25, 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

+Location TBD

City of Santa Fe, New Mexico

LEGISLATIVE SUMMARY

Resolution No. 2016-__

Water Conservation Committee County Member

SPONSOR(S): Councilor Ives

SUMMARY: The proposed resolution amends the membership requirements of the Santa Fe Water Conservation Committee to permit the appointment of a resident of Santa Fe County. It also clarifies the term limits for committee members.

PREPARED BY: Jesse Guillen, Legislative Liaison

FISCAL IMPACT: No

DATE: November 4, 2016

ATTACHMENTS: Resolution
FIR

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1 **CITY OF SANTA FE** that Resolution No. 2016-31 is hereby amended as follows:

2 **NAME:** The Committee shall be called the Santa Fe Water Conservation Committee
3 (SFWCC).

4 **PURPOSE:** To promote water conservation, develop water conservation proposals and
5 advise City government.

6 **DUTIES AND RESPONSIBILITIES:**

- 7 1. The SFWCC is charged with promoting water conservation, developing water
8 conservation proposals and advising City government on water conservation
9 activities;
- 10 2. Identifying ways to reach out to groups of all ages to educate them on additional
11 ways to conserve water, discussing water conservation programs, their costs and
12 benefits and methods of administration;
- 13 3. Examining building code provisions, construction practices and land use policies and
14 their effect on water use;
- 15 4. Propose changes in code, practice and policy that will promote further water
16 conservation; and
- 17 5. When time permits, the SFWCC shall be given the opportunity to discuss and make
18 recommendations on water conservation programs being undertaken by the City, so
19 long as that consideration does not delay implementation of any program.

20 **MEMBERSHIP:** The Committee shall be appointed by the Mayor and consist of ten
21 members, not including the chair. The membership shall be balanced with no more than two persons
22 per group. The membership shall include persons with the following kinds of expertise: (1)
23 landscaping water conservation practices; (2) building construction practices; (3) creating and/or
24 implementing education programs; (4) familiarity with land use policies; (5) familiarity with
25 hydrology, engineering or other forms of water-related technical expertise; (6) water quality and

1 water harvesting/water reuse and (7) the perspectives of other constituency groups that are an
2 important part of a comprehensive discussion and strategy on water conservation. These other
3 constituencies include homeowners, business owners, youth, and state government. The selection of
4 committee members shall be accomplished so as to reflect the diversity of the
5 Santa Fe community. One member of the committee shall be a resident of Santa Fe County residing
6 outside the municipal boundaries of the City of Santa Fe.

7 **TERMS:** ~~[Commencing upon the effective date of this resolution, the five members who~~
8 ~~have served the longest uninterrupted terms shall be appointed to a one year term, and the three~~
9 ~~existing members who have served the shortest uninterrupted terms shall be appointed to a two year~~
10 ~~term. Subsequent terms shall be for two years to maintain staggering of terms.]~~ Members of the
11 committee shall serve staggered two year terms, such that half the committee shall be appointed or
12 reappointed every year. Members may serve no more than two consecutive terms, but may be
13 reappointed following a minimum one year hiatus. After three unexcused absences per term year, a
14 commission member shall be automatically removed from the committee and notified thereof by the
15 chairperson.

16 **OFFICERS:** The Mayor shall appoint the chair. The chair shall be a City Councilor and the
17 vice chair shall be designated by the chair in accordance with Article 8 of Resolution 2009-20.

18 **MEETINGS:** The Committee shall meet on an as needed basis to complete its assigned
19 duties.

20 **STAFF LIAISON:** The staff liaison shall be from the Water Division.

21 **TIME:** The Committee shall serve until terminated by the Governing Body.

22 PASSED, APPROVED and ADOPTED this _____ day of _____, 2016.

23
24 _____
25 JAVIER M. GONZALES, MAYOR

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ATTEST:

YOLANDA Y. VIGIL, CITY CLERK

APPROVED AS TO FORM:

Kelley A. Brennan
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: _____

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

Short Title(s): **A RESOLUTION AMENDING THE MEMBERSHIP REQUIREMENTS OF THE SANTA FE WATER CONSERVATION COMMITTEE SO THAT A RESIDENT OF SANTA FE COUNTY IS APPOINTED TO THE MEMBERSHIP; AND TO CLARIFY TERM LIMITS OF THE MEMBERSHIP.**

Sponsor(s): Councilor Ives

Reviewing Department(s): Public Utilities

Persons Completing FIR: Christine Chavez Date: 11/4/16 Phone: x4219

Reviewed by City Attorney: Kelly A. Brennan Date: 11/4/16
(Signature)

Reviewed by Finance Director: Adel K. [Signature] Date: 11.4.16
(Signature)

Section B. Summary

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

This resolution amends the membership of the Water Conservation Committee to include a resident of Santa Fe County, and clarifies the term limits for members.

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 _____	"A" Costs Absorbed or "N" New Budget Required	"R" Costs Recurring or "NR" Non-recurring	FY _____	"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	\$ _____	_____	_____	\$ _____	_____	_____	_____
	All Other Operating Costs	\$ _____	_____	_____	\$ _____	_____	_____	_____
	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

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.

Staff and the SFWCC have decided that this would be the best course of action in creating the necessary relationship with the County to coordinate water conservation efforts and policy.

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.

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.

The positive effects of this resolution include collaborating more with the County on Water Conservation programs/ opportunities that will make things more consistent city-wide.

**City of Santa Fe, Source of Supply Section/Water Division
Water Production Update - through October 20th
Public Utilities Committee Meeting
November 2, 2016**

Filter Plant Demolition

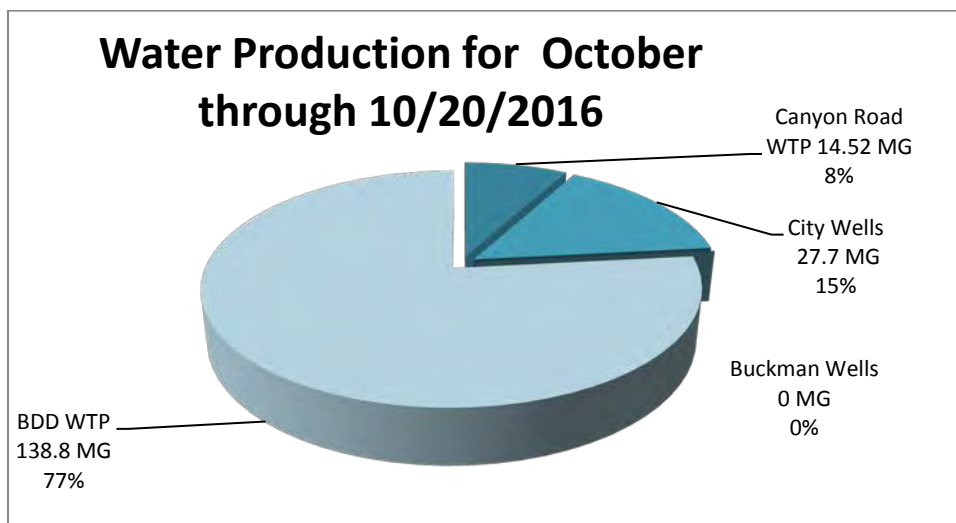
An “Interdepartmental Transfer Agreement”, wherein the Public Utilities Department - Water Division does not cede the land but allows Parks and Recreation to use the land under the Water Division’s continued “ownership” has been signed by the directors of the Public Utilities Department and the Parks and Recreation Department. It was also signed by the City Manager and filed by the City Clerk in early October. The Public Utilities Department met with the Parks and Recreation Department on October 7, 2016, to discuss restrictions on the use of the site and unofficially turn over use of the site over to the Parks and Recreation Division. Several neighborhood groups and associations have been informed of this transfer. A meeting with “public stakeholders” will be scheduled through the Parks and Recreation Division.

Water Production for October (through 10/20/2016)

Water production at the Canyon Road Water Treatment Plant (CRWTP) decreased significantly from previous months due a temporary shutdown of the CRWTP to implement CIP projects, including the Master Control Center (MCC) relocation, asbestos tile removal and replacement, and other upgrades during mid to late October and early November. Production at the CRWTP was 14.52 million gallons (MG) for the first 6 days of September or a daily average of 2.42 MGD per day. The Buckman Regional WTP produced 138.8 MG for the first 20 days of October, or an average of 6.94 MGD. Total production for the first 20 days of the month from all sources was approximately 181 MG. Production from all individual sources are illustrated in the chart below.

Average daily usage (customer demand) during the month of August was down significantly from July average daily consumption levels (9.04 MGD) with an average of 9.04 MGD for the first 20 days of October. This reduction in daily customer demand is attributed to a significantly higher number of rainfall events and total rainfall amount for the City of Santa Fe during the month of August as compared to the months of July and June.

Nichols Reservoir storage levels have decreased from to 107.6 MG (49.92% storage). The storage level of McClure Reservoir has also decreased to 189.45 mg or 17.45% of capacity. The combined storage level for both reservoirs is 297 MG, which reflects a current reservoir storage level of 22.75%. Santa Fe River inflow to McClure Reservoir has dropped dramatically since snowmelt and monsoon season levels and it is currently at 0.85 MGD.



Baca Street Well

PNM sampled all previously sampled wells located at the Baca Street site during the month of August. As of October 20th, contaminant concentration results for monitoring wells have been submitted by PNM. However, water level maps at the site are still under preparation. NMED-PSTB and the City would like to review both well contaminant concentrations and water level maps in concert with each other, and are awaiting completion of these maps by PNM.

Downtown Ground Water Investigation

Sampling results from this investigation indicate two downtown sites where PCE was found at significant levels in groundwater. One site exhibited 1000 ppb of PCE near the corner of West Palace and Lincoln avenues. The New Mexico Environment Department (NME) and the City have met with regards to the results and possible future courses of action. Conversations with NMED about the contaminated sites are continuing, especially in light of newly proposed “Vapor Intrusion” regulations recently introduced to the NM Water Quality Control Commission by the agency.

Drought, Monsoon/El Nino, and ESA Update

NOAA has recently updated (10/13/16) ENSO (El Nino/La Niña) status to: La Niña is favored to develop (~70% chance) in the Northern Hemisphere fall 2016 and slightly favored to persist (~55% chance) during 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. Regional reservoir levels on the Rio Grande and Chama Rivers are still low. Upper Santa Fe River reservoirs are low so City draw down has been reduced accordingly, with a corresponding increase in BDD diversions from the Rio Grande, and moderate increases in groundwater well use. 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

Heron:

4,839 AF.

2016 deliveries are at about 95% of annual total.

El Vado:

644 AF.

Abiquiu:

11,595 AF

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

TOTAL SJCP Storage: 17,078 AF

City of Santa Fe, New Mexico

memo

DATE: October 26, 2016

TO: Water Conservation Committee

FROM: Alan G. Hook, Water Resources Coordinator Asst. & Santa Fe
Municipal Watershed Program Manager *A.G.H.*

RE: USFS & City of Santa Fe 50-50 Challenge Cost-Share Agreement
& Source Water Protection in the Santa Fe Municipal Watershed.

Background

In September 2015, the USFS, Santa Fe National Forest (USFS) and the City of Santa Fe (City) executed a 50-50 Challenge Cost-Share agreement for each party to dedicate \$60,000 per year, over the next four years, toward vegetation management within the Santa Fe Municipal Watershed (please, see the attached agreement & financial plan). The goal is to continue the management of the Santa Fe National Forest within the watershed, but also to protect the source of 40% - 50% of the City's drinking water supply. New to this agreement are targeted acres per year to include the following forest treatments (dependent upon prescribed fire conditions) within the lower, Santa Fe Municipal Watershed:

- 20 acres of thinning and piling vegetation.
- 20 acres of prescribed burn piles of slash.
- 850 acres of prescribed broadcast burning.

In addition, 20% of the overall four years of funding can be utilized for aerial broadcast burning in the Pecos Wilderness Area of the municipal watershed, given the annual targeted goals within the lower watershed can still be achieved.

Up-to-date Information:

Since the fall of 2015, the USFS has treated 844 acres with hand-ignition, broadcast burning and 223 acres with aerial, broadcast burning in the southern area of the watershed at a total cost, to the City, of \$32,685 (please, see the attached maps).

Recently, the USFS completed a 1,785 acre, prescribed aerial, broadcast burn along the northeastern area of the lower watershed, above McClure Reservoir (please, see the attached news release & associated map). It is expected the City will expend approximately \$50,000 to \$60,000 toward this prescribed burn under the cost-share agreement with the USFS.

If you have any further questions, please contact me at 955-4205.

Forest Service Agreement # 15-CO-11031000-003

Cooperator Agreement #

4 year Collection Agreement Financial Plan**Cooperator and FS Contributions**

COST ELEMENTS and related data				Cooperator Contribution	FS Non-Cash Contribution	
Line Item Cost Subtotals				Subtotal	Subtotal	Combined Subtotals
PERSONNEL						
Resource Specialists (List all personnel):	# of Days	\$/Day				
Santa Fe NF Fire & Fuel Employees	420.00	\$263.90	\$110,838.00			\$110,838.00
Heritage Resource, Wildlife Biologist, etc.	24.00	\$263.90	\$6,333.60			\$6,333.60
			\$0.00			\$0.00
			\$0.00			\$0.00
			\$0.00			\$0.00
Santa Fe NF Fire/Fuel Employees	420.00	\$263.90		\$110,838.00		\$110,838.00
Heritage Resource, Wildlife Biologist, etc.	24.00	\$263.90		\$6,333.60		\$6,333.60
				\$0.00		\$0.00
				\$0.00		\$0.00
				\$0.00		\$0.00
Subtotal, Personnel:	888.00		\$117,171.60	\$117,171.60		\$234,343.20
TRAVEL						
Explanation of trips: From Where/To Where/For Whom	Vehicle Mileage Cost or Airfare Cost	# of Trips	PerDiem and Lodging			
				\$0.00		\$0.00
				\$0.00		\$0.00
					\$0.00	\$0.00
Subtotal, Travel:	\$0.00	0	\$0.00	\$0.00	\$0.00	\$0.00
EQUIPMENT						
Name and Type of Equipment:	Unit Cost	Quantity				
Equipment Purchase and Repairs (UTV, Chainsaw, etc.)			\$15,000.00			\$15,000.00
						\$0.00
Equipment Purchase and Repairs (UTV, Chainsaw, etc.)				\$15,000.00		\$15,000.00
Subtotal, Equipment:	\$0.00	0	\$15,000.00	\$15,000.00		\$30,000.00
SUPPLIES						
Name and Type of Supplies:	Unit Cost	Quantity				
Fuel, PSD Balls, Etc.			\$11,828.40			\$11,828.40
						\$0.00
Fuel, PSD Balls, Etc.				\$11,828.40		\$11,828.40
Subtotal, Supplies:	\$0.00	0	\$11,828.40	\$11,828.40		\$23,656.80

CONTRACTUAL			
Describe Contracts that will most likely result from this project:			
Call When Needed Helicopter, Mechanical Thinning, and Line Construction	\$50,000.00		\$50,000.00
			\$0.00
Call When Needed Helicopter, Mechanical Thinning, and Line Construction.		\$50,000.00	\$50,000.00
Subtotal, Contractual:	\$50,000.00	\$50,000.00	\$100,000.00
OTHER			
Describe Other Costs of the Project:			
Overtime Costs	\$46,000.00		\$46,000.00
			\$0.00
Overtime Costs		\$46,000.00	\$46,000.00
Subtotal, Other:	\$46,000.00	\$46,000.00	\$92,000.00
TOTAL DIRECT CHARGES	\$240,000.00	\$240,000.00	\$480,000.00
OVERHEAD ASSESSMENT (if applicable, see FSH 1909.13)	Insert Rate Here:		\$0.00
Total Party Costs	\$240,000.00	\$240,000.00	\$480,000.00
COST ELEMENTS SUBJECT TO NATIONAL PASS-THROUGH RATES		Cooperator Contribution	
TOTAL CHARGES		\$0.00	
OVERHEAD ASSESSMENT (if applicable, see FSH 1909.13)	Insert Rate Here:		\$0.00
Total Pass-Through Costs	\$0.00		
TOTAL PROJECT COSTS			\$480,000.00

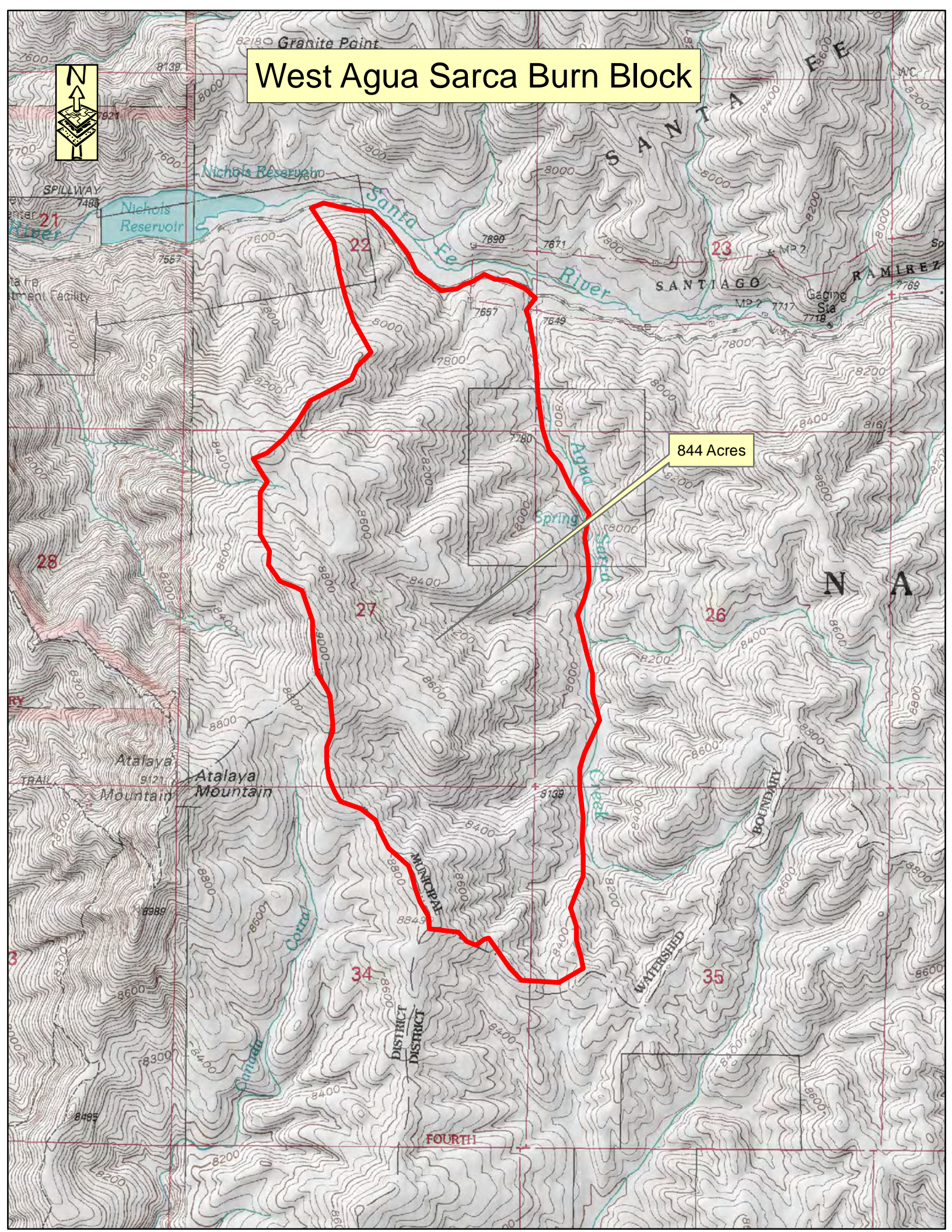
Burden Statement

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0596-0217. The time required to complete this information collection is estimated to average 45 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW, Washington, DC 20250-9410 or call toll free (866) 632-9992 (voice). TDD users can contact USDA through local relay or the Federal relay at (800) 877-8339 (TDD) or (866) 377-8642 (relay voice). USDA is an equal opportunity provider and employer.

West Agua Sarca Burn Block



844 Acres

Granite Point

Nichols Reservoir

Santa Fe River

SANTIAGO

RAMIREZ

Atalaya Mountain

DISTRICT

WATERSHED

FOURTH

FS Agreement No. 15-CS-11031000-003

Cooperator Agreement No. _____

CHALLENGE COST SHARE AGREEMENT**ITEM #** 15-0860

Between the
CITY OF SANTA FE
And The
USDA, FOREST SERVICE
SANTA FE NATIONAL FOREST

This Supplemental Project Agreement (SPA) is hereby made and entered into by and between the City of Santa Fe hereinafter referred to as "the City" and the USDA, Forest Service, Santa Fe National Forest hereinafter referred to as the "U.S. Forest Service," under the authority: Department of Interior and Related Agencies Appropriation Act of 1992, Pub. L. 102-154.

Background: Like many cities throughout the western United States, Santa Fe's water supply is dependent upon forest health and protection from catastrophic wildfire. This agreement acknowledges goals and recommendations described in the Santa Fe Municipal Watershed Management Plan (2013), a plan jointly developed between the U.S. Forest Service, the City of Santa Fe and other stakeholders. The Watershed Management Plan (WMP) provides a framework and funding mechanism for the needed long-term stewardship of the Watershed. The WMP provides recommendations for vegetation management, water resource management, public education/outreach, and funding for the work. It is unique in that it seeks to fund forest restoration activities using the Payment for Ecosystem Services model as an insurance policy against future threats, particularly of catastrophic fire, to the municipal water supply.

Title: **City of Santa Fe Watershed Projects**

I. PURPOSE:

The purpose of this agreement is to document the cooperation between the parties to provide a means to support the protection of the Santa Fe Watershed, located on lands administered by the U.S. Forest Service and the City of Santa Fe in accordance with the following provisions and the hereby incorporated Operating and Financial Plan, attached as Exhibit A.

II. STATEMENT OF MUTUAL BENEFIT AND INTERESTS:

The U.S. Forest Service and the City recognize that a large portion of Santa Fe's water supply is dependent upon forest health and protection from catastrophic wildfire. With a common vision as described in the Watershed Management Plan, the U.S. Forest Service and the City can most effectively marshal resources to support long-term management to provide for the health of the watershed through targeted prescribed burns within the Santa Fe Municipal Watershed.



In Consideration of the above premises, the parties agree as follows:

III. THE CITY SHALL:

- A. **LEGAL AUTHORITY.** The City shall have the legal authority to enter into this agreement, and the institutional, managerial, and financial capability to ensure proper planning, management, and completion of the project, which includes funds sufficient to pay the nonfederal share of project costs, when applicable.
- B. **PAYMENT/REIMBURSEMENT.** The City shall reimburse the U.S. Forest Service for the City's share of agreed upon project costs and actual expenses incurred, not to exceed **\$240,000.00**, as shown in the Financial Plan (Exhibit A). The Department shall make payment upon receipt of the U.S. Forest Service's Bill for Collection.
- C. **AVAILABILITY OF FUNDS.** The Department's funds in the amount of **\$240,000.00** are currently available for performance of this agreement through **06/01/2019**. The Department's obligation for performance of this agreement beyond this date is contingent upon the availability of appropriated funds from which payment can be made. No legal liability on the part of the Department for any payment may arise for performance under this agreement beyond **06/01/2019** until funds are made available to the City and the U.S. Forest Service receive(s) notice of availability to be confirmed in a written modification by the Department.
- D. Participate in the implementation of the Watershed Management Plan (WMP), including but not limited to developing the annual work plan, participating in the vegetation treatments, education/outreach, and other portions of the WMP.

IV. THE U.S. FOREST SERVICE SHALL:

- A. Perform in accordance with the attached Financial Plan.
- B. **REIMBURSABLE BILLING.** The U.S. Forest Service shall bill the City monthly as of June 30 for funds sufficient to cover the costs for the specific payment period. All reimbursement billings must be completed within the same fiscal year as U.S. Forest Service expenditures. Overhead is waived as a result of mutual benefit.

Billings must be sent to:

City of Santa Fe Water Division
Attn: Alan G. Hook or Maya Martinez
Water Resources & Conservation
Sangre de Cristo Water Division
801 W. San Mateo Rd.
Santa Fe, NM 87504



The U.S. Forest Service is required to issue bills for expenditures incurred under reimbursable agreements at the end of or prior to the end of each fiscal year. Therefore, an out-of-cycle bill may be received by the City.

If payment is not received to the satisfaction of the U.S. Forest Service by the date specified on the Bill for Collection (Form FS-6500-89), the U.S. Forest Service shall exercise its rights regarding the collection of debts owed to the United States. Conditions specified in an associated payment bond guaranteeing payment must also be met.

- C. SPECIAL BILLING REQUIREMENTS – FINANCIAL DOCUMENTATION. The U.S. Forest Service shall provide an itemized statement of actual expenditures to the City with each Bill for Collection.
- D. SPECIAL BILLING REQUIREMENTS – PROGRAM DOCUMENTATION. The U.S. Forest Service Program Manager shall provide the City with a written report that meets City's specific documentation requirements.
- E. Perform in accordance with the attached Financial Plan.
- F. Perform the necessary labor, purchase materials, and tools for the implementation of the work described in the WMP. There will be days when personnel overtime will be needed for prescribed burn preparation, ignition, monitoring, etc. However, expenditures will not exceed the allocated amount identified in the attached Financial Plan.
 - 1) Targeted acres per calendar year are identified on lines a thru c by forest treatment type. Due to the time sensitivity of prescribed fire conditions, the targeted acres and related costs may change annually; however, expenditures will be utilized over a four year period according to the Financial Plan.
 - a) 20 acres of thinning and piling vegetation.
 - b) 20 acres of prescribed burn piles.
 - c) 850 acres of prescribed broadcast burning
 - 2) If the targeted acres on line 1.c are not available due to ecological or meteorological conditions, then more resources can be utilized to increase treated acres listed in part III, Section E, lines 1.a and 1.b to continue fuels reduction efforts.
 - 3) Funds may be used for the Pecos Wilderness Prescribed Burn Project within the Municipal Santa Fe Watershed; however, not to exceed 20% of the total, four year Financial Plan and the amount of targeted acres identified on line 1 for the lower Santa Fe Municipal Watershed (non-wilderness area) will still have to be achieved, when prescribed burn conditions are available, by the termination date of the agreement.
 - 4) Personnel listed on the attached Financial Plan may vary depending on availability of USFS & City staff, associated contractors, or any associated sub-contractors; however, personnel and other identified resource expenditures will not exceed the overall costs on the Financial Plan.



- G. In cooperation with the City, develop an annual work plan and report for implementation of the WMP.

V. CONTACTS & TIME LIMITS:

- A. PRINCIPAL CONTACTS. Individuals listed below are authorized to act in their respective areas for matters related to this agreement.

Principal Department Contacts:

Department Program Contact	Department Administrative Contact
Name: Alan G. Hook Address: 801 W. San Mateo Rd. City, State, Zip: Santa Fe, NM 87504 Telephone: (505) 955-4205 FAX: (505) 955-4205 Email: aghook@santafenm.gov	Name: Nick Schiavo Address: 801 W. San Mateo Rd City, State, Zip: Santa Fe, NM 87504 Telephone: (505) 955-4201 FAX: (505) 955-4205 Email: naschiavo@santafenm.gov

Principal U.S. Forest Service Contacts:

U.S. Forest Service Program Manager Contact	U.S. Forest Service Administrative Contact
Name: Sanford Hurlocker, District Ranger Address: P.O. Box 3307 City, State, Zip: Española, NM. 87533 Telephone: 505-753-7331 FAX: 505-753-9411 Email: shurlocker@fs.fed.us	Name: Kileen Mitchell Grants Management Specialist Address: 11 Forest Lane City, State, Zip: Santa Fe, NM 87508 Telephone: 575-758-6296 Email: kileenbmitchell@fs.fed.us

- B. LIABILITY AND INDEMNITY. The United States shall not be liable to the City for any costs, damages, claims, liabilities, and judgments that arise in connection with the performance of work by the U.S. Forest Service or its contractors under this collection agreement, including but not limited to fire suppression costs and damage to any property owned by the City or any third party. The City shall indemnify, defend, and hold harmless the United States for any costs, damages, claims, liabilities, and judgments in favor of any third party that arise in connection with the performance of work by the U.S. Forest Service or its contractors under this cost share agreement.
- C. NOTICES. Any notice given by the U.S. Forest Service or the City will be sufficient only if in writing and delivered in person, mailed, or transmitted electronically by e-mail or fax, as follows:

To the U.S. Forest Service Program Manager, at the address specified in the grant.



To the City, at the City's address shown in the grant or such other address designated within the grant.

Notices will be effective when delivered in accordance with this provision, or on the effective date of the notice, whichever is later.

- D. PARTICIPATION IN SIMILAR ACTIVITIES. This agreement in no way restricts the U.S. Forest Service or the City from participating in similar activities with other public or private agencies, organizations, and individuals.
- E. ENDORSEMENT. Any of the City's contributions made under this agreement do not by direct reference or implication convey U.S. Forest Service endorsement of the City's products or activities.
- F. USE OF U.S. FOREST SERVICE INSIGNIA. In order for the City to use the U.S. Forest Service insignia on any published media, such as a webpage, printed publication, or audiovisual production, permission must be granted from the U.S. Forest Service's Office of Communications. A written request must be submitted and approval granted in writing by the Office of Communications (Washington Office) prior to use of the insignia.
- G. MEMBERS OF U.S. CONGRESS. Pursuant to 41 U.S.C. 22, no United States member of, or United States delegate to, Congress shall be admitted to any share or part of this agreement, or benefits that may arise therefrom, either directly or indirectly.
- H. NONDISCRIMINATION. The City shall comply with all applicable Federal statutes relating to nondiscrimination. This includes all applicable requirements of all other Federal laws, regulations, and policies. These include but are not limited to Title VI of the Civil Rights Act of 1964 as amended, which prohibits discrimination on the bases of race, color and national origin; Title IX of the Education Amendments of 1972 which prohibits discrimination based on sex in educational programs and activities; Age Discrimination Act of 1975, as amended, prohibiting age discrimination; and 504 of the Rehabilitation Act of 1973 as amended, which prohibits discrimination on the basis of disability.
- I. ELIGIBLE WORKERS. The City shall ensure that all employees complete the I-9 form to certify that they are eligible for lawful employment under the Immigration and Nationality Act (8 USC 1324a). The City shall comply with regulations regarding certification and retention of the completed forms. These requirements also apply to any contract awarded under this agreement.
- J. SYSTEM FOR AWARD MANAGEMENT REGISTRATION REQUIREMENT (SAM). The City shall maintain current information in the System for Award Management (SAM) until receipt of final payment. This requires review and update to the information at least annually after the initial registration, and more frequently if required by changes in information or agreement term(s). For purposes of this



agreement, System for Award Management (SAM) means the Federal repository into which an entity must provide information required for the conduct of business as a Cooperative. Additional information about registration procedures may be found at the SAM Internet site at www.sam.gov.

K. TERMINATION BY MUTUAL AGREEMENT. This agreement may be terminated, in whole or part, as follows:

1. When the U.S. Forest Service and the City agree upon the termination conditions, including the effective date and, in the case of partial termination, the portion to be terminated.

2. By 30 days written notification by the City to the U.S. Forest Service setting forth the reasons for termination, effective date, and in the case of partial termination, the portion to be terminated.

If, in the case of a partial termination, the U.S. Forest Service determines that the remaining portion of the agreement will not accomplish the purposes for which the agreement was made, the U.S. Forest Service may terminate the agreement in its entirety.

Upon termination of an agreement, The U.S. Forest Service shall not incur any new obligations for the terminated portion of the agreement after the effective date, and shall cancel as many outstanding obligations as possible. The City shall allow full credit to the U.S. Forest Service for the City's share of the non-cancelable obligations properly incurred by the U.S. Forest Service up to the effective date of the termination. Excess funds must be refunded within 60 days after the effective date of termination.

L. RETENTION AND ACCESS REQUIREMENTS FOR RECORDS. The City shall retain all records pertinent to this agreement for a period of no less than 3 years from the expiration or termination date. As used in this provision, records include books, documents, accounting procedures and practice, and other data, regardless of the type of format. The City shall provide access and the right to examine all records related to this agreement to the U.S. Forest Service Inspector General, or Comptroller General or their authorized representative. The rights of access in this section must not be limited to the required retention period but must last as long as the records are kept.

If any litigation, claim, negotiation, audit, or other action involving the records has been started before the end of the 3-year period, the records must be kept until all issues are resolved, or until the end of the regular 3-year period, whichever is later.

Records for nonexpendable property acquired in whole or in part, with Federal funds must be retained for 3 years after its final disposition.



- M. FREEDOM OF INFORMATION ACT (FOIA). Public access to agreement records must not be limited, except when such records must be kept confidential and would have been exempted from disclosure pursuant to Freedom of Information regulations (5 U.S.C. 552).

Public access to culturally sensitive data and information of Federally-recognized Tribes may also be explicitly limited by P.L. 110-234, Title VIII Subtitle B §8106 (2009 Farm Bill).

- N. TEXT MESSAGING WHILE DRIVING. In accordance with Executive Order (EO) 13513, "Federal Leadership on Reducing Text Messaging While Driving," any and all text messaging by Federal employees is banned: a) while driving a Government owned vehicle (GOV) or driving a privately owned vehicle (POV) while on official Government business; or b) using any electronic equipment supplied by the Government when driving any vehicle at any time. All recipients and subrecipients are encouraged to adopt and enforce policies that ban text messaging when driving company owned, leased or rented vehicles, POVs or GOVs when driving while on official Government business or when performing any work for or on behalf of the Government.

- O. PUBLIC NOTICES. It is the U.S. Forest Service's policy to inform the public as fully as possible of its programs and activities. The City is encouraged to give public notice of the receipt of this agreement and, from time to time, to announce progress and accomplishments. Press releases or other public notices should include a statement substantially as follows:

"Forest Protection of the U.S. Forest Service, Department of Agriculture."

The City may call on the U.S. Forest Service's Office of Communication for advice regarding public notices. The City is/are requested to provide copies of notices or announcements to the U.S. Forest Service Program Manager and to the U.S. Forest Service's Office of Communications as far in advance of release as possible.

- P. PROPERTY IMPROVEMENTS. Improvements placed on National Forest System land at the direction or with the approval of the U.S. Forest Service becomes property of the United States. These improvements are subject to the same regulations and administration of the U.S. Forest Service as would other National Forest improvements. No part of this agreement entitles the City to any interest in the improvements, other than the right to use them under applicable U.S. Forest Service Regulations.
- Q. PURCHASE OF ASSETS. Any assets (such as equipment, property, or improvements) purchased by the U.S. Forest Service with the City's contributions shall become the property of the U.S. Forest Service.
- R. OFFSETS, CLAIMS AND RIGHTS. Any and all activities entered into or approved by this agreement will create and support afforestation/ reforestation efforts within the

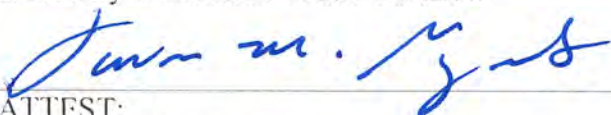
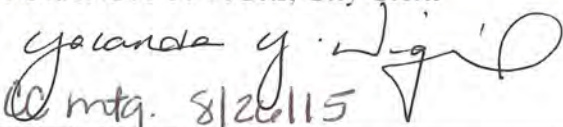


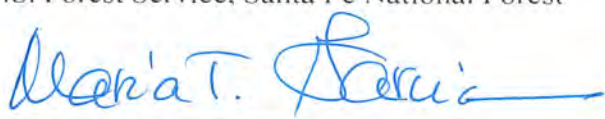
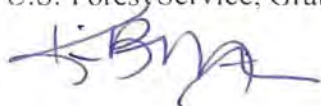


National Forest System without generating carbon credits. The U.S. Forest Service does not make claims of permanence or any guarantees of carbon sequestration on lands reforested or afforested through partner assistance. The U.S. Forest Service will provide for long-term management of reforested and afforested lands, according to applicable Federal statute regulations and forest plans.

- S. ALTERNATE DISPUTE RESOLUTION – PARTNERSHIP AGREEMENT. In the event of any issue of controversy under this agreement, the parties may pursue Alternate Dispute Resolution procedures to voluntarily resolve those issues. These procedures may include, but are not limited to conciliation, facilitation, mediation, and fact finding.
- T. DEBARMENT AND SUSPENSION. The City shall immediately inform the U.S. Forest Service if they or any of their principals are presently excluded, debarred, or suspended from entering into covered transactions with the federal government according to the terms of 2 CFR Part 180. Additionally, should the City or any of their principals receive a transmittal letter or other official federal notice of debarment or suspension, then they shall notify the U.S. Forest Service without undue delay. This applies whether the exclusion, debarment, or suspension is voluntary or involuntary.
- U. APPROPRIATIONS. The parties acknowledge that the City's appropriations for reimbursement under this agreement will comply with the Bateman Act, NMSA 1978, § 6-6-11.
- V. TORT CLAIMS. Any liability incurred by the City of Santa Fe in connection with this Agreement is subject to the immunities and limitations of the New Mexico Tort Claims Act, Section 41-4-1, et. seq. NMSA 1978, as amended. The City and its "public employees" as defined in the New Mexico Tort Claims Act, do not waive sovereign immunity, do not waive any defense and do not waive any limitation of liability pursuant to law. No provision in this Agreement modifies or waives any provision of the New Mexico Tort Claims Act.
- W. MODIFICATIONS. Modifications within the scope of this award shall be made by mutual consent of the parties, by the issuance of a written modification signed and dated by all properly authorized, signatory officials, prior to any changes being performed. Requests for modification should be made, in writing, at least 30 days prior to implementation of the requested change.
- X. COMMENCEMENT/EXPIRATION DATE. This award is executed as of the date of the last signature and is effective through **05/30/2019** at which time it will expire, unless extended by an executed modification, signed and dated by all properly authorized, signatory officials.

**VI. APPROVAL**

- A. AUTHORIZED REPRESENTATIVES. By signature below, each party certifies that the individuals listed in this document as representatives of the individual parties are authorized to act in their respective areas for matters related to this agreement. In witness whereof, the parties hereto have executed this agreement as of the last date written below.

City of Santa Fe	
JAVIER GONZALES, Mayor City of Santa Fe d/b/a City of Santa Fe Water Division 	Date 9-1-15
ATTEST: YOJANDA Y. VIGIL, City Clerk  cc mtg. 8/26/15	Date 9-1-15
APPROVED AS TO FORM: KELLEY BRENNAN, City Attorney 	Date 8/4/15
OSCAR S. RODRIGUEZ, Director of Finance  Business Unit/Line Item 52359.510300	Date 8-28-2015
U.S. Forest Service	
MARIA T. GARCIA, Forest Supervisor U.S. Forest Service, Santa Fe National Forest 	Date 7/29/2015
The authority and format of this agreement have been reviewed and approved for signature.	
KILEEN B. MITCHELL U.S. Forest Service, Grants & Agreements Specialist  P.L. 102-154 15C011031000-003	Date 7/29/2015

**Burden Statement**

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0596-0217. The time required to complete this information collection is estimated to average 4 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW, Washington, DC 20250-9410 or call toll free (866) 632-9992 (voice). TDD users can contact USDA through local relay or the Federal relay at (800) 877-8339 (TDD) or (866) 377-8642 (relay voice). USDA is an equal opportunity provider and employer.



United States Department of Agriculture

Santa Fe National Forest

11 Forest Lane

Santa Fe, NM 87508

Voice: 505.438.5300

Web: www.fs.usda.gov/santafe/

Twitter: @SantafeNF

Facebook: www.facebook.com/santafeNF



News Release

Media Contact: Julie Anne Overton

505.438.5320

julianneoverton@fs.fed.us

Santa Fe National Forest Expects to Conduct Prescribed Burn in Santa Fe Watershed This Week

SANTA FE, NM – Oct. 11, 2016 – For Immediate Release. After a comprehensive review of expected conditions, including weather, winds and ventilation, the Santa Fe National Forest plans to begin the previously announced prescribed burn in the Santa Fe Watershed tomorrow, Oct. 12, with blacklining and hand ignitions, followed by aerial ignitions on Thursday, Oct. 13.

The decision to proceed with the 2,435-acre treatment area was made in consultation with the City of Santa Fe, New Mexico Environment Department (NMED) and New Mexico Department of Health. Smoke monitors on Upper Canyon Road and at the Harold L. Runnels Building at 1190 S. St. Francis Drive will help officials assess impacts and determine whether there is a need to issue health alerts throughout the duration of the prescribed burn.

The planning area, located just north of McClure Reservoir, was initially treated with mechanical thinning, mastication and prescribed fire from 2006 through 2009. The burn planned for this week is a maintenance burn under the *Santa Fe Municipal Watershed Plan 2010-2029*, a collaboration between the USDA Forest Service, City of Santa Fe, Santa Fe Watershed Association and The Nature Conservancy that provides guidelines for forest restoration, water management and public education.

Prescribed fires are one of the most effective tools available to resource managers for restoring fire-adapted ecosystems. Cooler weather and residual monsoonal moisture make the fall season a historically good time to conduct prescribed burns. The Santa Fe Watershed prescribed burn is designed to improve and protect the Santa Fe Watershed, a primary water source for the City of Santa Fe, by removing dead fuels from the forest floor and reducing the risk of high-intensity wildfire. Prescribed fires are managed with firefighter and public safety as the first priority.

Smoke from the prescribed burn in the Watershed will likely be visible from Santa Fe, Tesuque, Glorieta, Pecos Canyon, El Dorado and I-25. Although the National Weather Service is forecasting surface winds in the 10- to 15-mph range this week, which should push the smoke out of Santa Fe, smoke may linger in the Santa Fe and Tesuque areas on Thursday and Friday mornings following ignitions on Wednesday and Thursday.

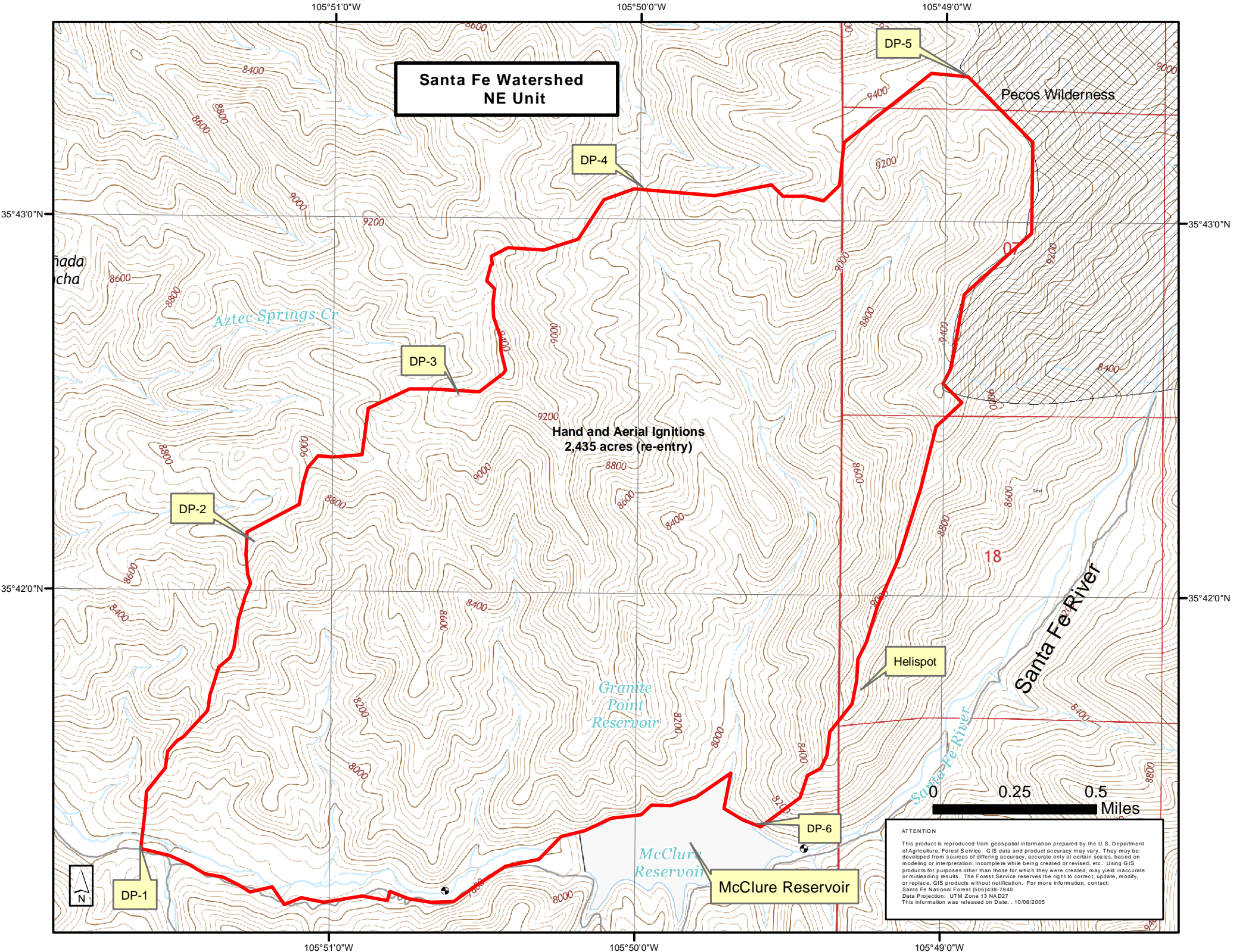


Smoke-sensitive individuals, including young children and the elderly, and people with respiratory problems are encouraged to take precautionary measures. Information on air quality and protecting your health can be found online at the New Mexico Department of Health's website at <https://nmtracking.org/fire>.

For additional information about this prescribed burn, please contact the Española Ranger Station at 505-753-7331.

###

USDA is an equal opportunity provider, employer and lender.



**Santa Fe Watershed
NE Unit**

DP-4

DP-5

Pecos Wilderness

DP-3

**Hand and Aerial Ignitions
2,435 acres (re-entry)**

DP-2

Helispot

DP-1

DP-6

McClure Reservoir

ATTENTION

This product is reproduced from geospatial information prepared by the U.S. Department of Agriculture, Forest Service. GIS data and product accuracy may vary. They may be developed from sources of differing accuracy, accurate only at certain scales, based on modeling or interpretation, incomplete while being created or revised, etc. Using GIS products for purposes other than those for which they were created, may yield inaccurate or misleading results. The Forest Service reserves the right to correct, update, modify, or replace, GIS products without notification. For more information, contact: Santa Fe National Forest (505)438-7840. Data Projection: UTM Zone 13 NA D27. This information was released on Date: 10/06/2005

South Nichols Prescribed Fire Treatment of 223 Acres in the Santa Fe Municipal Watershed

Santa Fe National Forest

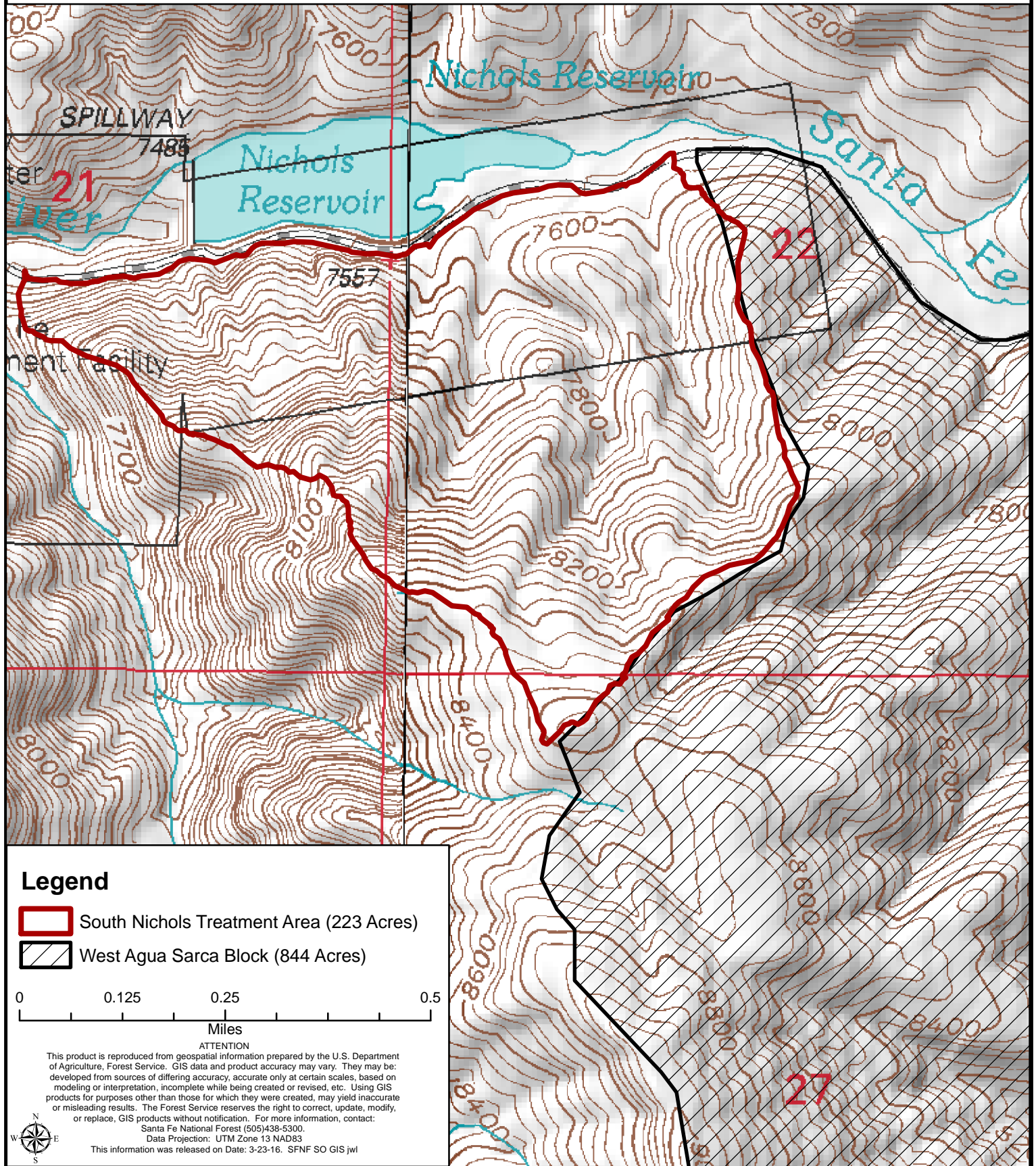
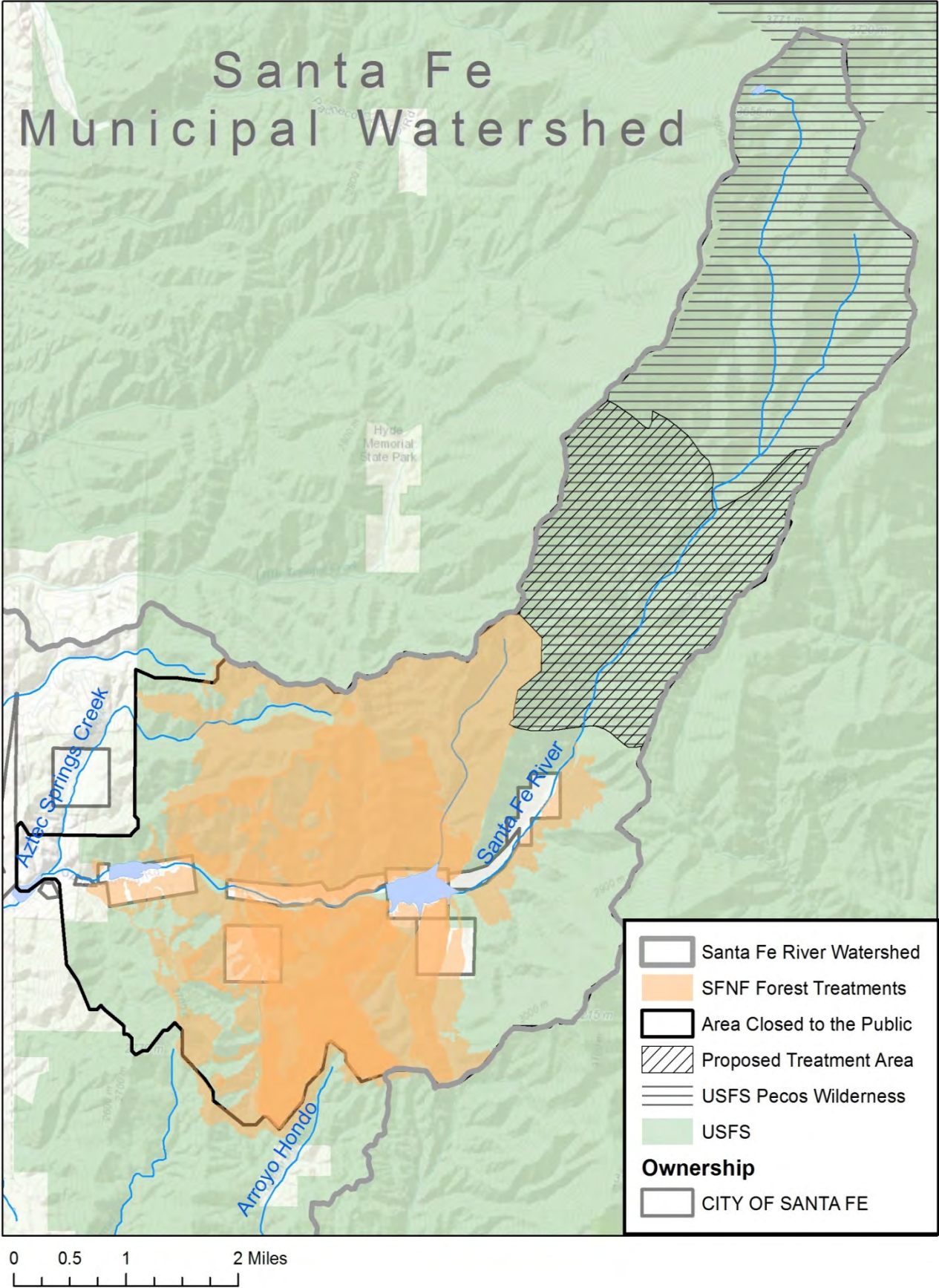


Exhibit A: Santa Fe Municipal Watershed



NEXT GENERATION WATER SUMMIT

June 4-6 2017

SANTA FE, NEW MEXICO

www.NextGenerationWaterSummit.com

Event Sponsors



Event Objective

- Create an annual water conference focused on
 - Water policy professionals
 - Architects/Builders/Designers
 - Water auditors
- Create a forum to discuss/network next generation water systems
- Integrates and Expands upon the existing annual Green Expo

Pre-Conference Professional Training

- Water Efficiency Rating Score (WERS) Verifier Training – June 1-3
- American Rainwater Catchment Systems Association (ARCSA) Accredited Professional Training – June 2-3
- Certified Greywater Training - June 3*
- Qualified Water Efficient Landscaping (QWEL) Auditor Training – May 31 – June 3
- Santa Fe Community College official education partner for the conference



* Not confirmed

Sunday

- Green Expo in the Santa Fe Convention Center
- Over 60 booths
- Workshops*
 - Plants for a changing climate
 - Passive rainwater systems
 - Water/energy/food nexus
 - Drip irrigation basics
- Next Generation Water Summit Opening Event

* Committed workshops, expect to have at least 5-6 more

Monday / Tuesday

- Three tracks
 - Water Policy Professionals
 - Homebuilders / Designers / Architects
 - Water Conservation and Verifier Professionals
- Topics include:
 - Water Use – What's Legal, What's Not
 - Water Use vs. Energy Use
 - Alternative Water Treatment Options
 - Panel - WERS Best Use of Alternative Water Sources
 - Results of Florida WaterStar study
 - WERS – What's Next

Current Status

- Convention center and dates confirmed
- SFCC training confirmed
- Starting to recruit conference speakers and keynote speakers
- Website URL obtained and buildout has begun
- SAVE THE DATE announcement has been sent out
- Starting to recruit sponsors

Code/Regulations/Legislation Workgroup for November WCC meeting.

City of Santa Fe Green Building WERS Code Approval

- Approved as part of Green Building Code on October 26th meeting
- WERS of 70
- Land use and Water Conservation will coordinate requirements
- Need to update ETo and rainfall numbers with Land Use as well as create reports they want as part of permitting process

Chapter 25 Rewrite Update

- **Nothing to report**

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.

EPA Launches New Guide for Long-Term Stormwater Planning, Names Five Pilot Communities

The U.S. Environmental Protection Agency (EPA) today announced a package of tools to help communities plan long-term strategies for managing stormwater pollution. EPA's tools promote the use of flexible solutions that spur economic growth, stimulate infrastructure investments, and help compliance with environmental requirements. Initially the draft guide will be utilized by five communities selected for \$150,000 each in technical assistance to develop long-term stormwater management plans:

- Burlington, Iowa
- Chester, Pennsylvania
- Hattiesburg, Mississippi
- Rochester, New Hampshire
- **Santa Fe, New Mexico**

These communities will also be the beta testers for EPA's web-based toolkit, which will be refined and released more broadly next year.

For more information: <https://www.epa.gov/npdes/stormwater-planning>

Santa Fe County

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

The Garden Gurus' Watershed Approach to Landscaping

The U.S. Environmental Protection Agency's WaterSense® program and the Alliance for Water Efficiency (AWE) invite you to join a free [Garden Gurus' Watershed Approach to Landscaping](#) webinar on **Thursday, November 17, 2016, at 2:00 p.m. Eastern.**

You'll learn how G3, Green Gardens Group trains and certifies irrigation system auditors to transform traditional irrigation system audits into educational experiences for their clients.

<https://attendee.gotowebinar.com/register/7969346417649344771?source=irrpro>

College Water Efficiency Group Turf Case Study

Date & Time:

- **Thursday December 8, 2016** at 1:00pm-2:00pm PST
- Call in Number: [1- 888-808-6929](tel:1-888-808-6929) PARTICIPANT CODE: 3075650#

Meeting Overview:

- We will be having a unique case study from Colleen McCormick, the Director of Sustainability from the University of California, Merced.
- She will be presenting on the multiple efforts on campus including a recent project on how to reduce water use on turf (the turf that is remaining on campus that is highly utilized turf for recreation purposes)

Australia's Lesson for a Thirsty California

MELBOURNE, Australia — On his first visit to Melbourne in 2009, Stanley Grant, a drought expert and professor of civil and environmental engineering at the University of California, Irvine, had a question for his taxi driver. “How’s the drought?” he asked. “It’s about 28 percent,” came the reply. Grant was puzzled. But shortly afterward, they drove past an electronic road sign announcing that the city’s reservoirs were indeed at just 28 percent of capacity. The taxi driver knew the state of the reservoirs exactly. “In California you might get people saying, ‘I don’t know, it’s not my department, I let the government take care of that,’ ” said David Feldman, a colleague of Grant’s and a co-author with him of a paper on Melbourne’s innovations in water management. Grant’s conversation with the driver took place toward the end of what is known here as the “millennium drought” in southeastern Australia; it lasted from around 1997 to 2010 and was the worst drought in the country’s recorded history. In Melbourne, reservoir levels dropped by almost three-quarters to a historic low of 25.9 percent.

http://www.nytimes.com/2016/11/01/opinion/australias-lesson-for-a-thirsty-california.html?_r=0

Some key points are:

- Mandatory restrictions on potable water use for landscape irrigation that created most awareness - and most of the reductions
- The big conservation effort was made after a change to "labor" government from "liberals" who had ignored climate/water trends for almost a decade in order to promote water privatization
- Peoples' trust in government staff professional expertise very much higher than here (skepticism of politicians is similar)
- Rate setting and allocation of taxes to support conservation was relatively much higher than in most of the US