



Agenda

CITY CLERK'S OFFICE

DATE 4/2/15 TIME 2:00pm

SERVED BY Leroy Pacheco

RECEIVED BY Alicia Hartley

AMENDED

Santa Fe River Commission

Thursday, April 9th, 2015, 6:00 PM

(Round House Room)

City Offices at the Market Station Building at the Railyard

500 Market Street, Suite 200, Santa Fe, NM

505-955-6840

1. ROLL CALL
2. APPROVAL OF AGENDA
3. APPROVAL OF MINUTES FROM FEBURARY 12, 2015 & MARCH 12, 2015
4. INFORMATON/DISCUSSION/ACTION:
 - a) Hydrograph Update (Alan Hook, Melissa McDonald)
 - b) Commission Outreach-Action Consideration (Jerry Jacobi)
 - c) Mayor's Taskforce on Climate Change – subcommittee (Andy Otto)
5. MATTERS FROM COMMISSIONERS
6. MATTERS FROM SUBCOMMITTEES
7. MATTERS FROM STAFF
 - d) Project updates: Alameda Rain Gardens, River Fund, Children's Fishing Derby, etc
8. CITIZENS' COMMUNICATION FROM THE FLOOR
9. AJORN

Next scheduled meeting for the River Commission is May 14th, 2015

Packet material due by May 6th, 2015

Persons with disabilities in need of accommodations, contact the City Clerk's office at (505)955-6521 five (5) working days prior to the meeting date.



Agenda

CITY CLERK'S OFFICE

DATE 3/27/15 TIME 2:49pm

SERVED BY Melissa McDonald

RECEIVED BY Alicia Hartung

Santa Fe River Commission

Thursday, April 9th, 2015 (Round House Room)
City Offices at the Market Station Building at the Railyard

500 Market Street, Suite 200, Santa Fe, NM
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**SANTA FE RIVER COMMISSION
INDEX
April 9, 2015**

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Call to Order and Roll Call	Chair Jerry Jacobi called the meeting to order at 6:10 pm. A quorum was declared at roll call.	Page 2
Approval of Agenda	Mr. Buchser moved to approve the agenda with spelling correction of Adjourn in Agenda, second by Ms. Doremus, motion carried by unanimous voice vote.	Page 2
Approval of Minutes, November 13, 2014 February 12, 2015 and March 12, 2015	<p>November 13, 2014 Minutes</p> <p>Ms. Doremus moved to approve the minutes of November 13, 2014 as presented, second by Mr. Buchser, motion carried by unanimous voice vote.</p> <p>CORRECTIONS FEBRUARY 12, 2015: Mr. Andrew Erdman was not in attendance at the February 12, 2015 meeting; Mr. Alan Hook was in attendance. Throughout the minutes Mr. Erdman was not the spokesperson, it was Mr. Hook.</p> <p>Pg. 5 – top of the page. Mr. Erdman Hook said that it is educational and follows the Watershed Management plan and there is an access policy that works collectively with the Forest Service and the City.</p> <p>Ms. Doremus offered her thanks you to Mr. Roach on the added information of his presentation. Ms. Doremus said research would need to be looked at in the 1991 Amendment to the 1932 Closing Order should be researched. Is it from the Forest Service or the Department of Agriculture?</p> <p>Ms. Doremus said we suggested that Watershed Association should add Public Welfare more so if there was a fire there to the list of potential benefits. The uniqueness of the Watershed is going to escalate</p>	Page 2

	<p>awareness from Forest Service. We should <i>SFWA should add to the latest of benefits</i> increased public awareness of our water supply.</p> <p>Last Paragraph: <i>According to a former security guard,</i> Mr. Jacobi said there use to be lions; tigers and bears.</p> <p>Clarifications: Page 3: WCC incorrect: He sent to the Santa Fe River Commission (2nd to last paragraph)</p> <p>Mr. Buchser moved to approve the minutes of February 12, 2015 as amended, second by Mr. Bove, motion carried by unanimous voice vote.</p>	
Information/Discussion/Action Items <ul style="list-style-type: none"> a) Hydrograph Update b) Commission Outreach c) Mayor's Task Force on Climate Change 	<i>Informational, no formal action, exhibits attached.</i>	Page 3-5
Matters from the Commissioners, Matters from Sub-Committees	Informational	Page 5
Matters from Staff Project Updates, Fishing Derby, Alameda Rain Gardens, River Fund	Informational	Page 5
Citizens Communication from the floor	None	Page 5
Adjournment	<i>There being no further business to come before the River Commission, Ms. Doremus moved to adjourn at 7:45 PM, second by Mr. Buchser, motion carried by unanimous voice vote.</i>	Page 6
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SANTA FE RIVER COMMISSION

Thursday, April 9, 2015

6:00 p.m. – 7:45 p.m.

500 Market Street, Santa Fe, NM

MINUTES

1. ROLL CALL

Mr. Jacobi, Chair convened the meeting of the Santa Fe River Commission at 6:00 pm, Market Station, Santa Fe, NM.

Present

Jerry Jacobi, Chair

Phil Bove

Dale Doremus

John R. Buchser

Melinda Romero-Pike

Excused

Melinda Romero-Pike

Richard Ellenberg

Others Present

Melissa McDonald, Santa Fe River Watershed Coordinator

Mr. Allan Hook, Water Resources Coordinator

Mr. Dave Harrington, Santa Fe River Traditional Community Collaborative,
Interested RCC Member

Mr. Andy Otto, Santa Fe Watershed Association

Fran Lucero, Stenographer

2. APPROVAL OF AGENDA

Mr. Buchser moved to approve the agenda with spelling correction of Adjourn in Agenda, second by Ms. Doremus, motion carried by unanimous voice vote.

3. APPROVAL OF MINUTES FROM FEBURARY 12, 2015 & MARCH 12, 2015

November 13, 2014 Minutes

Ms. Doremus moved to approve the minutes of November 13, 2014 as presented, second by Mr. Buchser, motion carried by unanimous voice vote.

CORRECTIONS FEBRUARY 12, 2015:

Mr. Andrew Erdman was not in attendance at the February 12, 2015 meeting; Mr. Alan Hook was in attendance. Throughout the minutes Mr. Erdman was not the spokesperson, it was Mr. Hook.

Pg. 5 – top of the page.

Mr. ~~Erdman~~ Hook said that it is educational and follows the Watershed Management plan and there is an access policy that works collectively with the Forest Service and the City.

Ms. Doremus offered her thanks ~~you~~ to Mr. Roach on the added information of his presentation. Ms. Doremus said ~~research would need to be looked at in the 1991 Amendment to the 1932 Closing Order should be researched.~~ Is it from the Forest Service or the Department of Agriculture?

Ms. Doremus ~~said we suggested that Watershed Association~~ should add Public Welfare ~~more so if there was a fire there to the list of potential benefits.~~ The uniqueness of the Watershed is going to escalate awareness from Forest Service. ~~We should SFWA should add to the latest of benefits~~ increased public awareness of our water supply.

Last Paragraph:

According to a former security guard, Mr. Jacobi said there use to be lions, ~~tigers~~ and bears.

Clarifications:

Page 3: WCC incorrect: He sent to the Santa Fe River Commission (2nd to last paragraph)

Mr. Buchser moved to approve the minutes of February 12, 2015 as amended, second by Mr. Bove, motion carried by unanimous voice vote.

MARCH 12, 2015

Ms. Doremus moved to approve the minutes of March 12, 2015 as presented, second by Mr. Bove, motion carried by unanimous voice vote.

4. INFORMATON/DISCUSSION/ACTION:

- a) Hydrograph Update (Alan Hook, Melissa McDonald)
Bottom of the graph (Exhibit A – 2014 Planned Hydrograph) are the months at the left starting in April 2014 to the right to April 2015. To the left of the graph are the daily target flows (cubic feet per second) and to the right the next measurement is daily target flows (acre-feet). The dark blue shows 1 CFS April thru May and beginning of June 1.5 cfs. Green dotted line shows what was measured below Nichols.

2015 Planned Hydrograph (Exhibit B)

April through July they expect 60% flow coming in to McClure. The flows have been changed to 60% of 40 year average. Mr. Hook said that he and Melissa have been talking about changing the date of the fishing derby. Community Days is May 9th and that was a proposed date as well as May 16th. May 23rd probably would not work as Memorial Day is earlier this year. This graph will reflect 5 CFS around that time. We believe the peak of the hydrograph may come early part of May. A fishing derby meeting will be held tomorrow to discuss the options. Ms. McDonald has spoken with Game and Fish and they were in agreement that May might be a better time. Ms. McDonald reiterated that a logistic meeting would be held on April 10th at the Railyard Office to discuss the fishing derby.

- b) Commission Outreach-Action Consideration (Jerry Jacobi)
The Chair and Ms. McDonald had an initial discussion on membership as it stands today. Existing member term dates have expired and the Santa Fe River Commission has been operating as they are structured today. The Chair made reference to the news release sent out by Parks and Rec seeking members; this was discussed at the last meeting. The Chair said he would be OK if we did a press release but that he would not like to be the contact person to review the applications.

Ms. McDonald did say that the process has changed since the news release went out. Options are to fill the one vacancy that exists and as of this date there are two interested individuals, all terms have expired and the present commission members need to resubmit a letter of interest if they would like to remain on the SFRC. The Chair said he has contacted the Mayor's office at least three times on membership for the Santa Fe River Commission.

Ms. Doremus asked Ms. McDonald; in terms of this particular Parks & Rec Press Release, was there a good response? Ms. McDonald said yes, they did get a good response. Ms. Doremus mentioned at the last meeting that it would be a good idea for the Watershed to send the notice to their mailing list and also the SFRC members to send the information to their contacts.

Mr. Harrington who attended the meeting this evening said that the process of getting on was a little confusing and would like clarity on how he should proceed for consideration to serve on the Santa Fe River Commission. Santa Fe River Traditional Community Collaborative asked Mr. Harrington to look in to becoming a member of the SFRC on their behalf. Ms. McDonald asked Mr. Harrington to provide her with his resume and it will become part of the review. The Chair reiterated that all information or requests be sent to Ms. McDonald.

Ms. McDonald suggested that they select the top 3 applicants and present them to the Mayor with the SFRC recommendation for approval.

Mr. Buchser said that it is time to refresh the mission of the SFRC and to define the skill sets to include in the call for candidates for the vacancy. Mr. Buchser does support the creation of a sub-committee to work on skill sets.

Mr. Buchser moved to create a sub-committee by the next River Commission meeting to come up with criteria for the SFRC mission and vision to be released to the public, and instruct staff to inform the Mayor of the process the SFRC will follow to fulfill the vacancy and reappointment of members, second by Ms. Doremus, motion carried by unanimous voice vote.

Discussion: The Chair and Ms. McDonald will review all documents on the mission, vision and resumes received before they go to the Mayor.

c) Mayor's Taskforce on Climate Change – Sub-committee (Andy Otto)

Mr. Andy Otto, Executive Director of the Santa Fe Watershed Association reported on the Mayor's Climate Action Task Force meeting. (Exhibit C) This is a new committee created by Mayor Gonzales; Mr. Otto asked if they could create a watershed committee and the Mayor agreed. The conclusion is that our climate is going to change; there will be more rain events than snow events in the watershed, probably more severe events but less of them. There are three different ways to deal with this based on the water equation for the watershed; we could buy water, conserve water which people in Santa Fe have been doing a great job, and aquifer recharge. Four recommendations were; 1) Restore Santa Fe Arroyos to Protect Infrastructure and Optimize Aquifer Recharge, 2) Modernize City and County Construction Codes to Promote Water Infiltration, 3) Design and Implement a Model Climate-Adapted Neighborhood and 4) Increase the Use of Reclaimed Water.

Mr. Otto said that the sub-committee presented to the committee; the first two could be dealt with right now. In the report they had said that the amount of cost to do the 12 arroyo restoration was around \$1.2 million dollars and the city staff said triple it; the report will need

to be updated. A new plan will be developed on which arroyos we will do and how much it will cost. Because arroyos are public and private, we need to make sure that everyone is involved across the city. The last thing discussed is where will the money come from? Mr. Otto said they have come up with a good funding plan document.

The second, Modernize City and County Construction Codes to Promote Water Infiltration will require an ordinance change and staff time; there are no identified funds for staff. We could possibly get a grant to help city staff with funding and have them work on the ordinance.

Mr. Buchser said he really likes, #1, #2 and #3, #4 may be more challenging. Mr. Buchser commented that he couldn't think of anything else that could have been on this list, great job.

Mr. Otto said that the focus was on the water users of Santa Fe.

The Chair asked if anyone addressed population growth. Mr. Otto said yes, they have factored in 2% for population growth. The state of New Mexico is losing population, Santa Fe is losing population but Santa Fe County is growing population.

5. MATTERS FROM COMMISSIONERS

Clarification: A community meeting for the Canyon Road Neighborhood Association was recently held.

6. MATTERS FROM SUBCOMMITTEES

Vegetation Management group has not met and a future meeting is not scheduled at this time.

7. MATTERS FROM STAFF

d) Project updates:

Alameda Rain Gardens – Ms. McDonald did a power point presentation of photos on the Alameda Rain Gardens for the SFRC members to view. She explained each photo.

De Fouri Bridge is about 90% done. The present contract started with the De Fouri Bridge and they expanded to the Guadalupe Bridge. (Exhibit attached)

East Alameda sidewalk improvements will have another neighborhood Meeting on April 30th at 5:00 pm – 7:30 pm at the Santa Fe Convention Center, notice to be sent out. Ms. McDonald

City Clerk has asked that packet information streamlined and on a regular timeline. Packet material will be on the city website; Ms. McDonald will handle that task.

Mr. Hook provided an update on the aerial of the watershed. He was contacted on Monday and said it was a go for the word that had to be done and then yesterday they said there were too many high wind days. There is a lot of activity going on, the big crane came in today for the demolition of McClure tower; they are trying to manage entry with contractors and the classrooms, more activity to come.

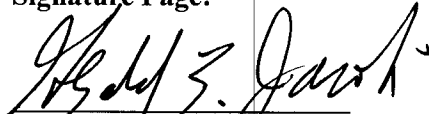
8. CITIZENS' COMMUNICATION FROM THE FLOOR

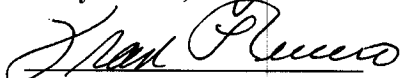
None

9. ADJOURN

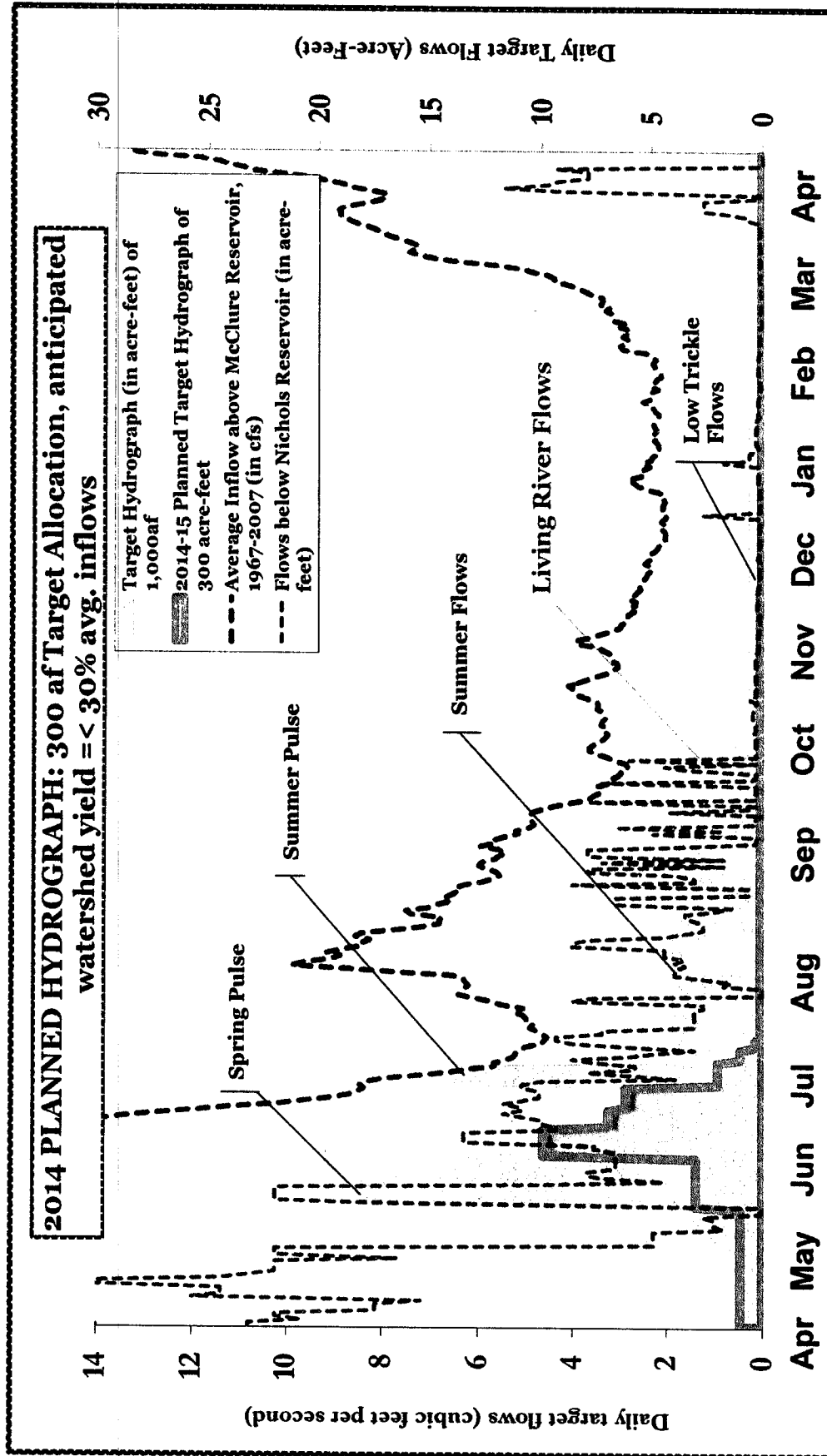
There being no further business to come before the Santa Fe River Commission, Ms. Doremus moved to adjourn at 7:45 pm, second by Mr. Buchser, motion carried by unanimous voice vote.

Signature Page:



Jerry Jacobi, Chair

Fran Lucero, Stenographer



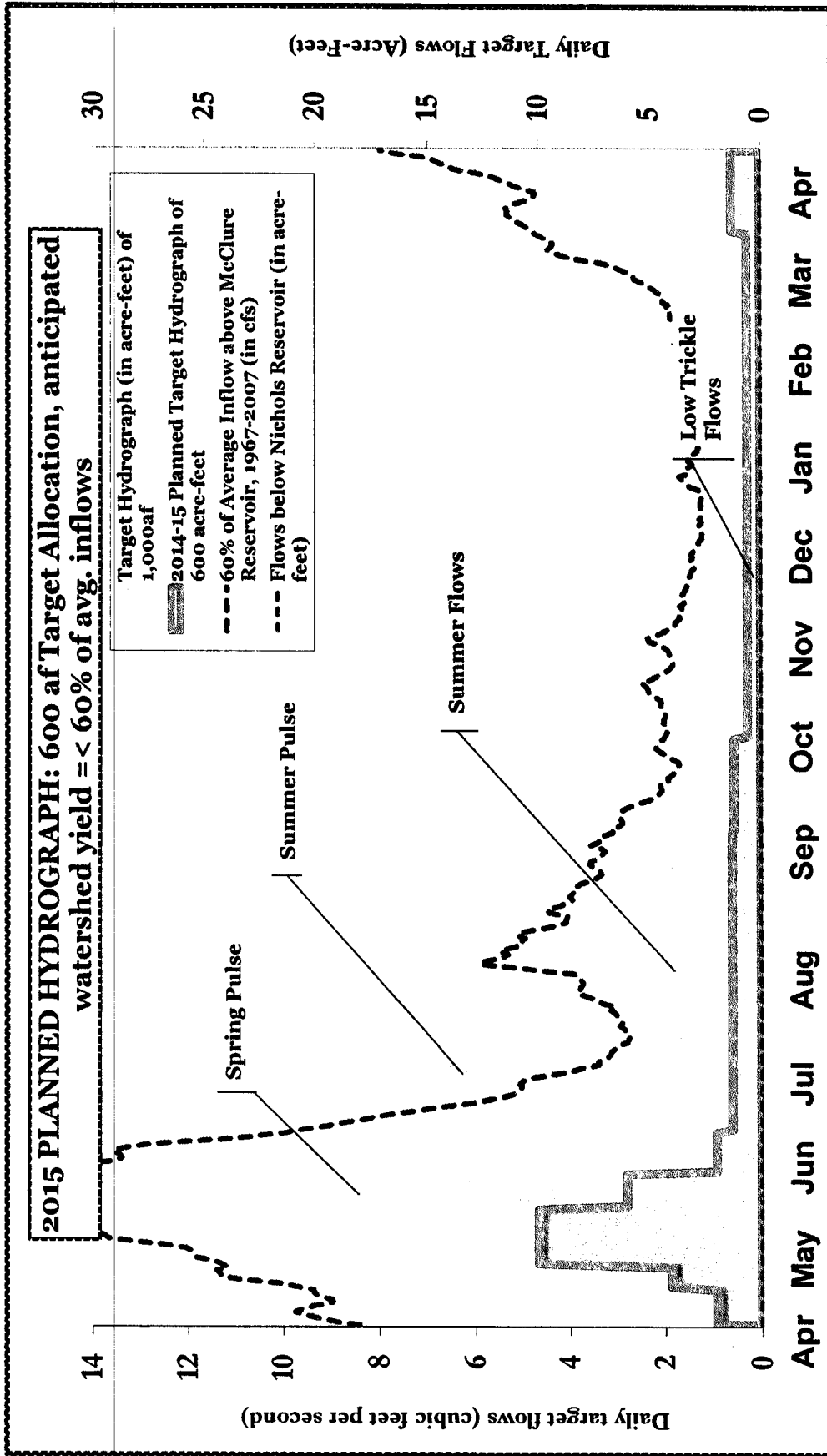


Exhibit B

Watershed Health Restoration Subcommittee:
Climate Adaptation Recommendations for the Mayor's Climate Action Task Force

Members: Kristina G. Fisher, Esha Chiochio, Andy Otto, Melissa McDonald
April 7, 2015

Focus:

Climate change will likely result in Santa Fe receiving more of its annual precipitation in the form of rain, rather than snow, and in the form of fewer, more intense precipitation events. This Action Group will focus on how the City can continue to adapt to these changes by capturing as much of this rain as possible for use within the watershed and by limiting the damage to City and private infrastructure from heavy precipitation events.

Four Initial Recommendations:

I. Restore Santa Fe's Arroyos to Protect Infrastructure and Optimize Aquifer Recharge

A 2012 assessment commissioned by the City and performed by the Santa Fe Watershed Association found that in many parts of the city, arroyo erosion threatens infrastructure including trails, roads, bridges, and homes. Erosion has also exposed pipes and electrical cables in a number of arroyo reaches. Heavy precipitation events in the past two years have caused further costly damage to infrastructure, and these events are projected to occur with increasing frequency in the coming years.

The City should develop a comprehensive plan for arroyo restoration to prevent further damage. Restoration strategies would focus on "green infrastructure" such as the induced meandering techniques used in the Santa Fe River (e.g., boulder cross vanes, Zuni bowls, etc.). These techniques can halt arroyo down-cutting and bank erosion, raise arroyo beds where they are deeply down-cut, and protect public and private infrastructure.

Along with preventing damage, arroyo restoration can be designed to optimize infiltration of water into the groundwater aquifer and maximize underground water storage. Today, most of the water that falls in heavy events is channeled quickly out of the watershed via storm drains, arroyos, and the Santa Fe River. The plan for arroyo restoration should aim to capture and store as much water as possible. This water can be used to water parks and gardens and to recharge Santa Fe's aquifers for later use.

Action Items:

- Update 2012 study to pinpoint arroyo locations where infrastructure is most at risk from arroyo degradation.
- Develop comprehensive restoration plan that prioritizes arroyo reaches and identifies what treatments are needed where.

Exhibit C

- As part of the plan, evaluate which arroyo locations would be most effective to enhance water infiltration and aquifer recharge including locations where trash racks could be installed on outflows.
 - Work collaboratively with Santa Feans living in propriety reaches to educate them about the issue and develop specific restoration plans.
 - Fund and implement restoration beginning with the priority reaches utilizing Public/Private partnerships where applicable (private property for example).
-

II. Modernize City and County Construction Codes to Promote Water Infiltration

The City's development code states that we should "treat stormwater runoff as a valuable natural resource in Santa Fe, a community that is prone to drought, by encouraging water collection and infiltration on site." (14-8.2 of the Land Development Code)(see attached excerpts)

We can do more to improve city codes. In some parts of the city, infiltration structures like stormwater basins or permeable pavement can directly recharge our aquifers and help ensure that the City well field will have water available when we need it.

The City should require this sort of green infrastructure to be incorporated into new public construction projects as well as significant remodels of City-owned buildings. The City should also partner with the County to update their codes to optimize rainwater capture and infiltration. Infiltration can be expanded to include water harvesting for irrigation of parks, etc. Finally, the City should work to educate and encourage private property owners to take similar steps.

Action items:

- Develop an ordinance to require green infrastructure improvements during new construction and significant remodeling, repair, and maintenance projects within the watershed.
- Develop and adopt joint City/County development codes to optimize water infiltration from precipitation events, including 500-year storm events.
- Incorporate new codes into the City/County Capital Improvement Plan (CIP) to increase infiltration of runoff from buildings, roads, parking lots, and other impermeable surfaces.
- Incorporate new codes into the City/County Codes to increase infiltration of runoff from existing residential and commercial buildings, roads, parking lots, and other impermeable surfaces.
- Redevelop and expand the city's booklet, Stormwater as a Resource, into a homeowner's green-infrastructure manual
([http://www.nmenv.state.nm.us/swqb/Storm Water as a Resource.pdf](http://www.nmenv.state.nm.us/swqb/Storm%20Water%20as%20a%20Resource.pdf))

This could be designed similar to that developed by the city of Tucson, which instructs private property owners how to use rainwater harvesting techniques to

prevent damage from flooding and water vegetation
(<http://www.tucsonaz.gov/files/transportation/2006WaterHarvesting.pdf>)

III. Design and Implement a Model Climate-Adapted Neighborhood

Los Angeles, CA and Copenhagen, Denmark have each designed and retrofitted model climate-adapted neighborhoods (see articles at: <http://www.npr.org/2015/01/22/378844314/building-sponge-city-redesigning-la-for-long-term-drought> and <http://america.aljazeera.com/articles/2015/1/26/copenhagen-worlds-first-climate-adjusted-neighborhood.html>).

These model neighborhoods use green infrastructure such as bioswales and water retention basins, similar to Santa Fe's Alameda Rain Gardens, to capture and soak in precipitation from heavy events. This prevents damage from flooding and improves aquifer recharge, storing water for later use.

The climate adaptation structures in these neighborhoods not only protect infrastructure and enhance groundwater storage, but they also beautify the neighborhoods and provide green spaces in areas that need more of them (similar to Santa Fe's rapidly developing Southside).

The City should consider selecting a neighborhood to serve as a model for climate adaptation and work collaboratively with the residents to implement green infrastructure similar to that used in the Los Angeles model. This recommendation should be shared with the subcommittee working on urban agriculture and parks, as the green infrastructure built to capture precipitation might include small parks or community gardens.

Action Items:

- Consult with the Arid Lands Institute about how this was done in Los Angeles.
 - Study which neighborhoods in Santa Fe might benefit most from becoming a climate-adapted model neighborhood (e.g., based on threats to infrastructure from flooding, need for green space, aquifer recharge potential, etc).
 - Investigate creating an Eco-District in Santa Fe. <http://ecodistricts.org/>
 - Conduct outreach to those neighborhoods to determine interest and willingness to participate.
 - Work collaboratively with the neighborhood to develop a plan for becoming a model climate-adapted neighborhood. Implement the design on public infrastructure.
 - Develop recommended retrofit measures and advise residents on how to implement them on private property.
-

IV. Increase the Use of Reclaimed Wastewater

Reclaimed wastewater can provide another source of supply in dry years, although it must be done carefully to ensure that it is done in a way that does not deprive downstream water rights holders.

Santa Fe could explore three options for increasing its use of reclaimed wastewater:

(1) Treat Reclaimed Water to Meet Drinking Water Standards

- A. Convey water reclaimed at the Santa Fe WWTP to the BRWTF
 - I. Treat the water to drinking water standards and return it to the municipal drinking water supply
 - II. Return the water into the Rio Grande for purposes of:
 - a. Exchange Water – Divert a similar amount of Rio Grande water at the BDD to supplement supply
 - b. Return Flow Credits – Debit the water returned against the total BDD diversion of water from the Rio Grande
 - c. Offset Credits – Count the returned water against the offsets required for the Buckman Well Field
- B. Convey reclaimed water from an upgraded Quill Plant to the Santa Fe River
 - I. Use reclaimed water in the Santa Fe River to provide water to downstream agricultural users
 - a. Augment existing flow of reclaimed water in the Santa Fe River
 - b. Use Quill Plant water to offset the impacts of conveying the reclaimed water from the Santa Fe WWTP to the BRWTF site
 - II. Divert water to the BRWTF from a location on the Santa Fe river below the point at which Quill Plant water is added to the flow in order to optimize the quantity available for the BRWTF and to provide for offsets during the initial wetted reach

(2) Utilize Reclaimed Water for an Aquifer Storage and Recovery Project

- A. Convey the Santa Fe WWTP reclaimed water upstream to a site on the Santa Fe River at which it would be released to the river. This release flow would support the City's Living River Ordinance while simultaneously seeping into the groundwater table to recharge the regional aquifer.
 - I. Potential upgrades to the City WWTP – improvements to existing treatment processes will be required to meet more stringent water quality standards
 - II. ASR Permit from the Office of the State Engineer (OSE) – an ASR permit would create a water storage account for the City with the OSE that would enable storing reclaimed water in the Aquifer for later withdrawal via the City Well Field.
- B. Convey reclaimed water from an upgraded Quill Plant to the Santa Fe River for use by downstream agricultural users to increase the amount of reclaimed water from the City WWTP that can be released at the upstream site without impacting downstream users.

(3) Expand Current Reclaimed Water Operations

- A. Further develop the customer base and sales model for supplying reclaimed wastewater from the City WWTP for use on fields, parks, and golf courses in lieu of potable water.
- B. Use reclaimed water from the Quill Plant to provide irrigation water to customers in southern parts of the region (i.e., the Downs at Santa Fe, Caja del Rio Landfill, the City of Santa Fe Municipal Recreation Complex)

Action Items:

- The public utilities committee should study the viability, costs, and benefits of these alternatives.
- Continue efforts to increase water conservation and reduce the per capita consumption of treated water by all residents.

Next Steps:

Share these ideas with the Finance Subcommittee of the Climate Action Task Force and work with them to determine which funding strategies might be most appropriate for each proposal. Develop funding matrix possibilities for each Action Item.

We would also like information from City staff about the cost of damage to City infrastructure from the heavy storm events of the past several years (as this will be important to making a cost-benefit determination on the recommendations).

Outreach, advertising, and public discussions are needed on all of the recommendations.

City of Santa Fe Staff Conferred with:

Andrew Erdman
Noah Berke
RB Zaxus
Dave Pike
Michelle Gutierrez
David Catanach
Melissa McDonald

DRAFT FINANCING MATRIX

	COST	Bonds	Foundation Grants	State Funding	Federal Funding	Crowd funding	Other?
ACTION ITEM							
I. Arroyo Restoration							
Update study of arroyo status	~\$10,000		X	?	?		
Develop restoration plan & priorities	~\$200,000		X	?	?	?	
Implement restoration	Multimillion over several years	X	X	X	?		
Outreach & education	~\$50,000?		X			X	
II. Modernize Codes							
Ordinance requiring green infrastructure in significant remodels	? (mostly staff time)						
Adopt joint City/County Codes	?						
Outreach & education (e.g., manual)	?		X			X	

Notes on funding sources:

Federal funding sources:

- DOE
- EPA
- HUD
- FEMA
- FWS

State funding sources:

- River Stewardship program
(<http://www.nmenv.state.nm.us/swqb/RiverStewards/>)

Foundations funding restoration:

- Bullitt Foundation (<http://www.bullitt.org/>)
- Hewlett Foundation (<http://www.hewlett.org/programs/environment>)
- Turner Foundation (<http://www.turnerfoundation.org/>)
- Wilburforce Foundation (<http://www.wilburforce.org/>)

City of Santa Fe Title 14 Excerpts (unofficial)

Stormwater - an amenity integrated into the landscape

14-8.2(A)(6) treat stormwater runoff as a valuable natural resource in Santa Fe...by encouraging water collection and infiltration on site

14-8.2(A)(11) integrate stormwater management measures into the landscape and site planning process...

14-8.2(A)(12) provide aesthetically pleasing solutions to stormwater management and erosion control measures by integrating measures into the overall landscape and site design

14-8.4(A)(1) This section requires water harvesting and encourages the development of alternate sources of landscape irrigation water...Water conservation, water harvesting and irrigation efficiency shall guide landscape design...

14-8.4(A)(2) ...this Section 14-8.4 is part of the purpose and intent of Chapter 14, which is to enhance the appearance of Santa Fe's streets and public places in order to promote their role as community amenities...

14-8.4(E) ...Alternative sources of irrigation water shall be developed, including harvested water from roof and site runoff.

14-8.4(E)(1) The landscaping plan shall include passive water harvesting for landscape irrigation purposes...

14-8.4(E)(1)(b)(i) ...Detention and retention ponds should be integrated landscape features, rather than single-purpose flood control ponds.

14-8.4(I)(4) - {referring to parking lots}: ...stormwater runoff shall be used to provide irrigation for the perimeter and interior plantings to the greatest extent possible...stormwater runoff water shall be harvested and infiltrated as close to where it falls as possible...