



Agenda

AMENDED

Santa Fe River Commission Agenda

Thursday, October 11, 2018 (Round House Room), 6 pm to 8 pm

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 AUGUST 8, 2018
4. INFORMATION/DISCUSSION/ACTION:
 - a. Introduction to Mayor Alan Webber (Zoe Isaacson, zoe.isaacson@gmail.com)
 - History of the River Commission
 - Goals of the River Commission
 - b. Action Item: Approval of 2019 Calendar
(Melissa McDonald, mamcdonald@santafenm.gov 955-6840)
5. MATTERS FROM STAFF
 - a. Informational Item: Santa Fe Stormwater Management Strategic Plan
(Melissa McDonald, mamcdonald@santafenm.gov 955-6840)
 - b. Informational Item: Water Quality for the SF River and TMDLs
(Alex Puglisi, aapuglisi@ci.santa-fe.nm.us, 955-4232)
6. COMMUNICATION FROM OTHER AGENCIES /COMMITTEES
 - a. SF Watershed Report (Andy Otto)
7. CITIZENS' COMMUNICATION FROM THE FLOOR
8. MATTERS FROM COMMISSIONERS
9. ADJOURN

Next Scheduled River Commission Meeting is November 8, 2018
Captions & Packet Material are due by 10 am on October 31, 2018

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.

RECEIVED AT THE CITY CLERK'S OFFICE

DATE: 10/04/2018

TIME: 1:36 PM



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DATE: 10/03/2018

TIME: 1:36 PM

Santa Fe River Commission
Meeting Index
October 11, 2018

Title	Description	Page
Cover Sheet		0
Call to Order	The meeting of the Santa Fe River Commission was called to order at 6:00 p.m. at 500 Market Station (Railyard Station), Santa Fe, NM by Zoe Isaacson, Chair.	1
Roll Call	A quorum was present.	1
Approval of the Agenda	Ms. Doremus moved to approve the agenda with a second from Mr. Pierpont which passed by voice vote.	1
Approval of Minutes from August 8, 2018	Commissioner Hansen moved to approve the minutes as amended with a second from Mr. Jacobi which passed by voice vote.	1,2
Information/Discussion/Action <ul style="list-style-type: none"> a. Introduction to Mayor Alan Webber <ul style="list-style-type: none"> • History of the River Commission • Goals of the River Commission b. Action Item: Approval of 2019 	<p style="text-align: center;">Discussion Only</p> <p>Commissioner Hansen moved to approve the 2019 Santa Fe River Commission meeting calendar with a second from Ms. Doremus which passed by voice vote.</p>	<p style="text-align: center;">2,3 3,4 4</p>
Matters from Staff <ul style="list-style-type: none"> a. Stormwater Management Strategic Plan b. Water Quality for the SF River TMDLS 	Discussion Only	5
Matters from other Agencies/Committees <ul style="list-style-type: none"> a. SF Watershed Report 	Discussion Only	5
Citizen's Communication from the Floor		5
Matters from Commissioners		5
Adjourn	Ms. Hansen moved to adjourn at 7:55 p.m. with a second from Mr. Pierpont which passed by voice vote.	5
Signature Page		5

Santa Fe River Commission
Meeting Minutes- October 11, 2018,
500 Market Street Santa Fe, New Mexico
6:00 p.m.-8:00 p.m.

CALL TO ORDER

The meeting of the Santa Fe River Commission was called to order at 6:00 p.m. at 500 Market Station (Railyard Station), Santa Fe, NM by Zoe Isaacson, Chair. A quorum was present.

1. ROLL CALL

Present

Zoe Isaacson, Chair
Jerry Jacobi
F.M. Patorni
Luke Pierpont
John R. Buchser
Commissioner Anna Hansen
Phil Bové, Vice Chair
Dale Doremus

Not Present/Excused

Emile Sawyer

Others Present

Mayor Alan Webber
Melissa McDonald, City of Santa Fe Staff
Bob Findling, The Nature's Conservancy
Raquel Baca Tompson, Santa Fe Watershed Association
Regina Wheeler, Director of Public Works
Alan Hook, City of Santa Fe
Alex Puglisi, City of Santa Fe
Andy Otto, Executive Director Santa Fe Watershed Association
Linda Vigil, Stenographer

2. APPROVAL OF THE AGENDA

MOTION: Ms. Doremus moved to approve the agenda with a second from Mr. Pierpont which passed by voice vote.

3. APPROVAL OF MINUTES FROM August 8, 2018

Ms. Doremus made the following corrections:

Page 1, she is as listed present and excused. She was excused.

Page 3, under Item 5b ~~Ms. Hansen said her and Alex Puglisi~~, change to Ms. Hansen said Alex Puglisi

Page 1, Mr. Sawyer was also listed as present and excused. Mr. Sawyer was excused.

MOTION: Commissioner Hansen moved to approve the minutes as amended with a second from Mr. Jacobi which passed by voice vote.

4. INFORMATION/DISCUSSION/ACTION:

A. INTRODUCTION TO MAYOR ALAN WEBBER

- HISTORY OF THE SANTA FE RIVER COMMISSION**

Chair Isaacson introduced the Mayor and Ms. Wheeler, Director of Public Works.

Ms. Wheeler introduced herself and thanked the Commission for their work on the River the sustainability plan. Ms. Wheeler is looking forward to learning more about what they do. Mayor Webber states he enjoys keeping good people and also adding new people to keep the quality of life in Santa Fe.

Chair Isaacson introduced Mr. Jacobi who presented a power point with a short introduction on the History of the Santa Fe River Commission. (see attached)

Mr. Jacobi suggested the reading of "The Return to the River" book and a video on protecting the Santa Fe River and Upper Watershed and suggested anyone interested view them.

Mr. Jacobi states the Commission started in 1985 and again in 1995. In 2005 there were Community groups that met to discuss the concerns about the water in the River. Former Mayor Coss came into office at and helped create a Resolution written re-establishing the Santa Fe River Commission in 2007. In 2006 the Santa Fe River Fund was established.

Mr. Jacobi discussed the Watershed Coordinators that work closely with the Commission throughout the years.

Mr. Jacobi explained the important milestones that the Commission has seen. Mr. Jacobi presented some slides with photos that showed the work on the Living River Project.

Chair Isaacson asked the Commissioners to introduce themselves and give a brief background for the Mayor.

Mr. Buchser spoke on the larger idea of the River in the City. Mr. Buchser explained the structure of the Commission and the voting system of the Commission.

Mr. Buchser discussed some issues of snow pack and the timing of the release from the preserve. Mr. Buchser discussed the channel that serves the acequias for deliveries.

Mr. Buchser states there are needs from the River, the Acequias and the City. Mr. Buchser discussed his concern with nitrates and is glad to see the City cares about enforcing pet owners to clean up after their pets. Mr. Buchser discussed the water treatment that goes down stream and waters parks.

Mr. Buchser explained the complexity of the aquifers. Mr. Bucsher states the storm water offers the opportunity to keep a pool of water under the City should they need to treat it. The Buckman Direct Diversion's design didn't work as well as they'd hoped. He doesn't have a current assessment on it. The San Juan Chama changes with snow pack.

Mr. Buchser states there was a challenge with the River preserve. More data was needed. The City and County working together on many things now and that is great.

Mr. Buchser states there is concern with the Santa Fe River Traditional Communities, they meet and benefit from the output of waste water treatment plant, and it's a source for irrigating in the summer. Not sure if it can be addressed but it is a concern.

Commissioner Hansen worked with Mr. Puglisi regarding the SM4 Permit. The City, County and State NMDOT will work together on this plan. (See attachment)

Commissioner Hansen explained the current project and the work on the permit. There were 8 portions to it and concerns to complete the permit. Commissioner Hansen explained the recommendations for the plan.

Mr. Patorni states the education program with the Watershed Association has trips to show the reservoirs. The program teaches youth about the system, most of the youth have never seen that much water.

Mr. Patorni states the American River Network makes a list of most endangered Rivers in 2007 Santa Fe River was #1 on that list. The Santa Fe River has come a long way.

• GOALS OF THE SANTA FE RIVER COMMISSION

Chair Isaacson presented the goals that Mr. Bucsher started when he was Chair of the Commission. It is a good overview of where they are interested in addressing issues.

Chair Isaacson explained they would like the Commission to work on both reaches of the River the lower and upper. They hope to work on the water quality issues, find funding for more trash cans, the scoop the poop and perhaps some portable toilets for the homeless population.

Chair Isaacson states the goals act as a sounding board for the Stormwater management plan, advice on technical input on the master plan and outreach to the community. There are youths and citizens that vote and they want to introduce people to the River. They would like to increase community use of the River. The River Trail increase the walkability. Updating or addresses a plan to remove goatheads would benefit the bike community and encourage more use of that trail.

Chair Isaacson stated they hope to provide guidance on the Santa Fe Living River Fund.

Mayor Webber appreciates the briefing of the History and the goals of the Commission.

Commissioner Hansen discussed some ideas on how the City and County can collaborate.

Mr. Pierpont discussed how the River is underutilized. The River can be an inspiring place for people in the City. The more water in the River, makes for better outdoor economy.

Commissioner Hansen mentioned the importance of restoring and keeping the culture of the acequias.

Mr. Jacobi discussed there is no way to get to the river without having to cross traffic. The access was not well planned. Ms. Doremus agrees there is no access, if you live along the River you cannot access it.

Commissioner Hansen states there are some bids on the restoration of the River Trail. The County is currently trying to negotiate it. Commissioner Hansen states the new section of the River trail could have a possible access point.

Mayor Webber briefly discussed water policy and the water scarcity.

Ms. Doremus discussed the wells in years past and how scarce the water was at one point.

Mayor Webber thanked the Commission for all of the presentations and information.

B. ACTION ITEM: APPROVAL OF 2019 CALENDAR

Ms. McDonald presented the 2019 Commission meeting schedule. (see attached)

MOTION: Commissioner Hansen moved to approve the 2019 Santa Fe River Commission meeting calendar with a second from Ms. Doremus which passed by voice vote.

5. MATTERS FROM STAFF

A. INFORMATIONAL ITEM: SANTA FE STORMWATER STRATEGIC PLAN

Ms. McDonald presented the strategic plan, it is a rather large document so it was not printed out. It has not gone to Council as of yet, Public Works gave some implementation ideas on it.

Ms. McDonald asked the Commission to review the plan and send her any suggestions.

Ms. McDonald thanked the Mayor for the Sustainability plan as well, this is a next step for stormwater.

B. INFORMATIONAL ITEM: WATER QUALITY OF THE SF RIVER TMDL

Mr. Puglisi was only on the agenda for questions. Mr. Puglisi states in 2013 the standards were implemented by the State. Mr. Jacobi was instrumental in the work it took to get the River classified.

Mr. Puglisi states that this Commission has a lot of expertise in several areas.

6. COMMUNICATIONS FROM OTHER AGENCIES/COMMITTEES

A. SF WATERSHED REPORT

Mr. Otto states his report is in the packet. (see attached) He also included a flyer for the Hunt for Red October River Clean Up event.

7. CITIZEN'S COMMUNICATION FROM THE FLOOR

There were not any communications.

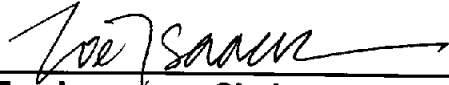
8. MATTERS FROM COMMISSIONERS


There were not any matters to discuss.

9. ADJOURN

MOTION: Ms. Hansen moved to adjourn at 7:55 p.m. with a second from Mr. Pierpont which passed by voice vote.

SIGNATURES


→ **Zoe Isaacson, Chair**
John R Buchser Vice-Chair


Linda Vigil, Stenographer
For Fran Lucero

Santa Fe River Commission

**Presentation for
Mayor Alan Webber
City of Santa Fe**

**Gerald Z. Jacobi
11 October 2018**

Interest in Early Years

1985 – SFRC 1

1995 – SFRC 2

1998

2005 – Concerned citizens informal meetings

2006 – Santa Fe River Fund

2007 Resolution Re-establishing The Santa Fe River Commission

Advise regarding the following:

Living River Fund

Minimum Environmental Flow

River Trail within the SF River Corridor

“CIP” Fund usage

Education and Outreach

Youth Works

Santa Fe River Commission Chairs

Honorable Max Coll

Gerald Jacobi

John Buchser

Zoe Isaacson

River Watershed Coordinators

David Chapman

Rachael Friedman

Brian Drypolcher

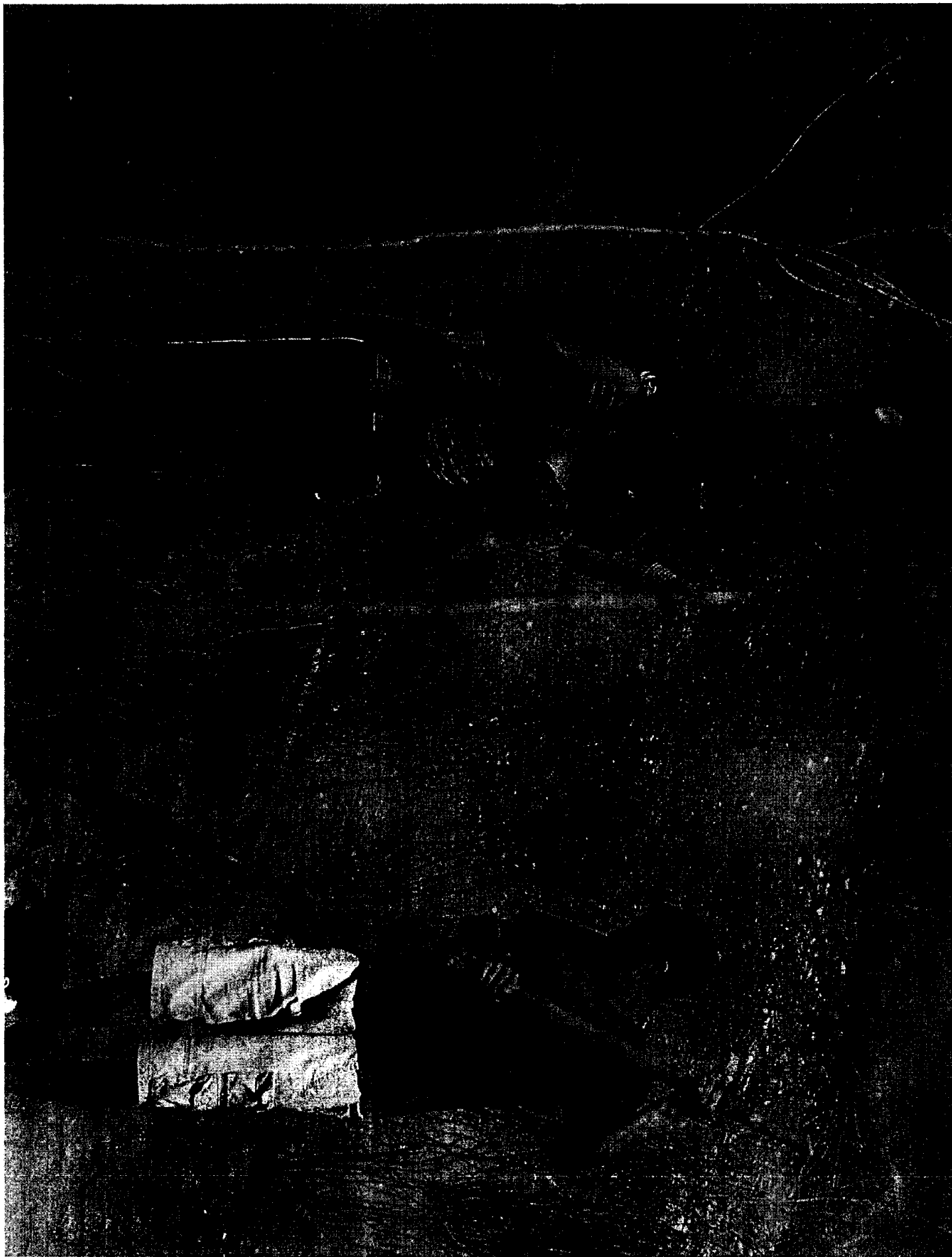
Melissa McDonald

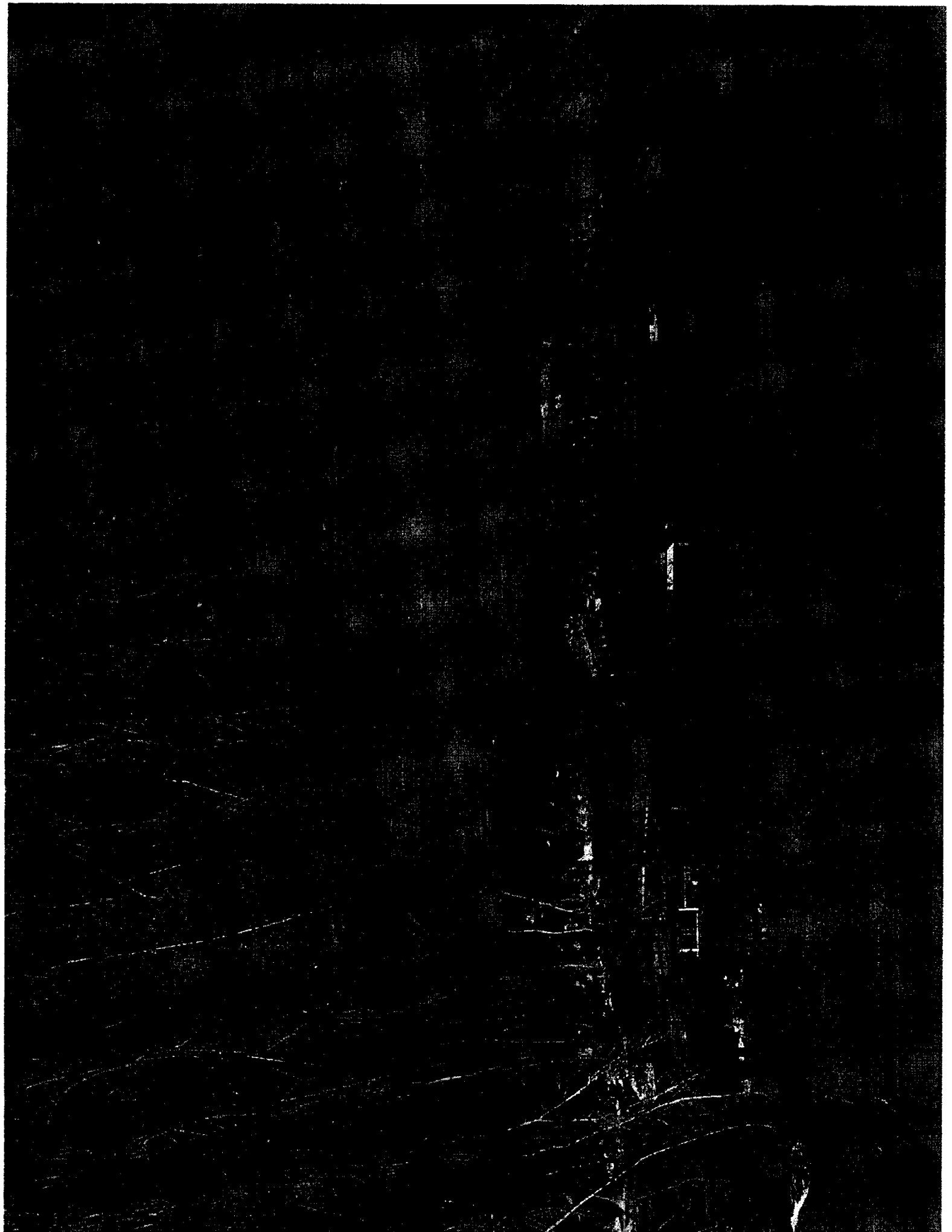
Significant Milestones

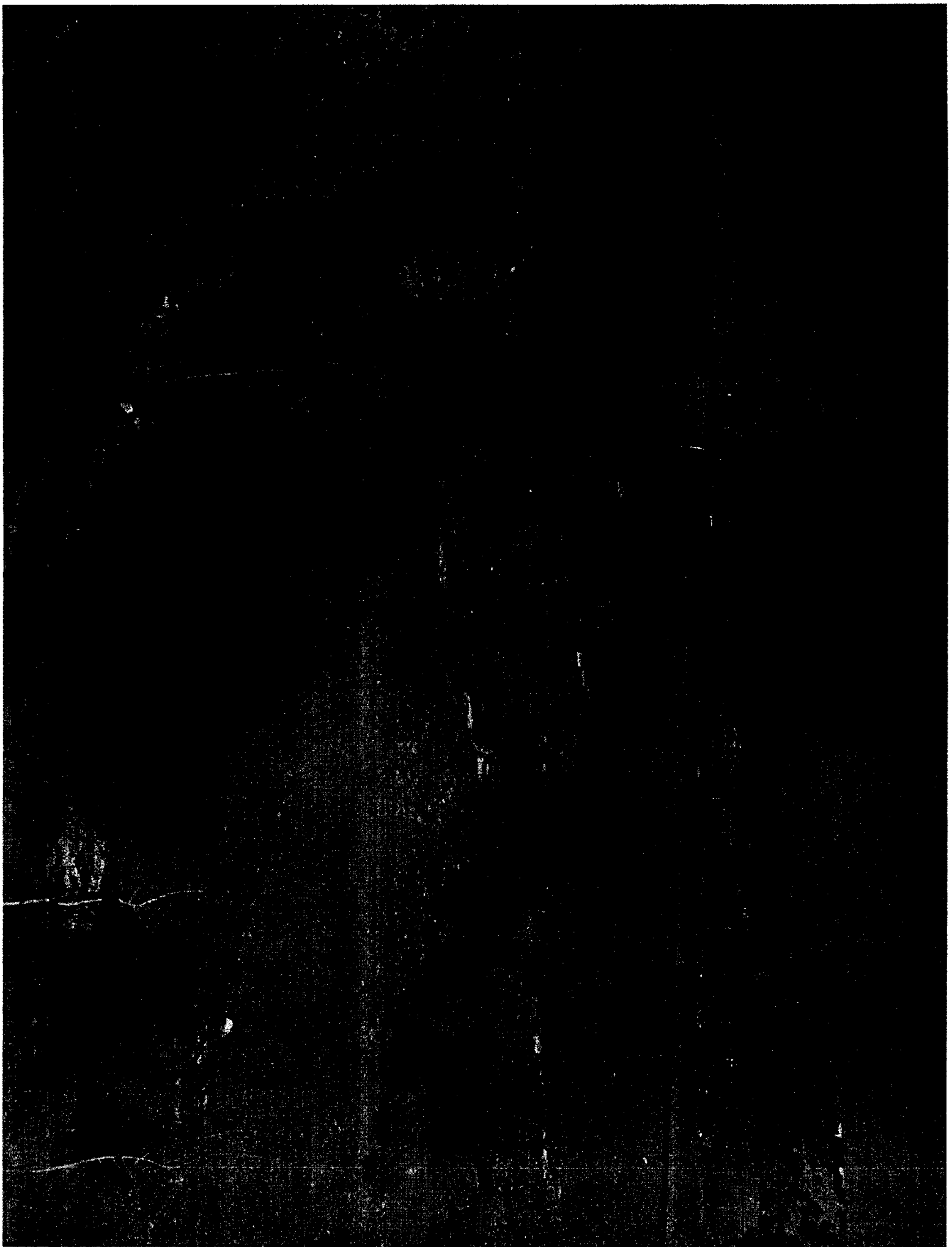
- **2006 – Santa Fe River Fund**
- **2007 – Creation of River Commission**
- **2007-2011 – Many Bypass Resolutions**
- **2010 – Long Range Water Supply Plan**
- **2012 – Target Flow Ordinance**
- **2012 – River and Arroyos – GOBs**
- **2013 - Santa Fe River Fund**
- **2014 – Alameda Rain Gardens**













March 17, 2008



April 20, 2012



RIVER RENEWAL

Santa Fe River Trail and Channel Restoration





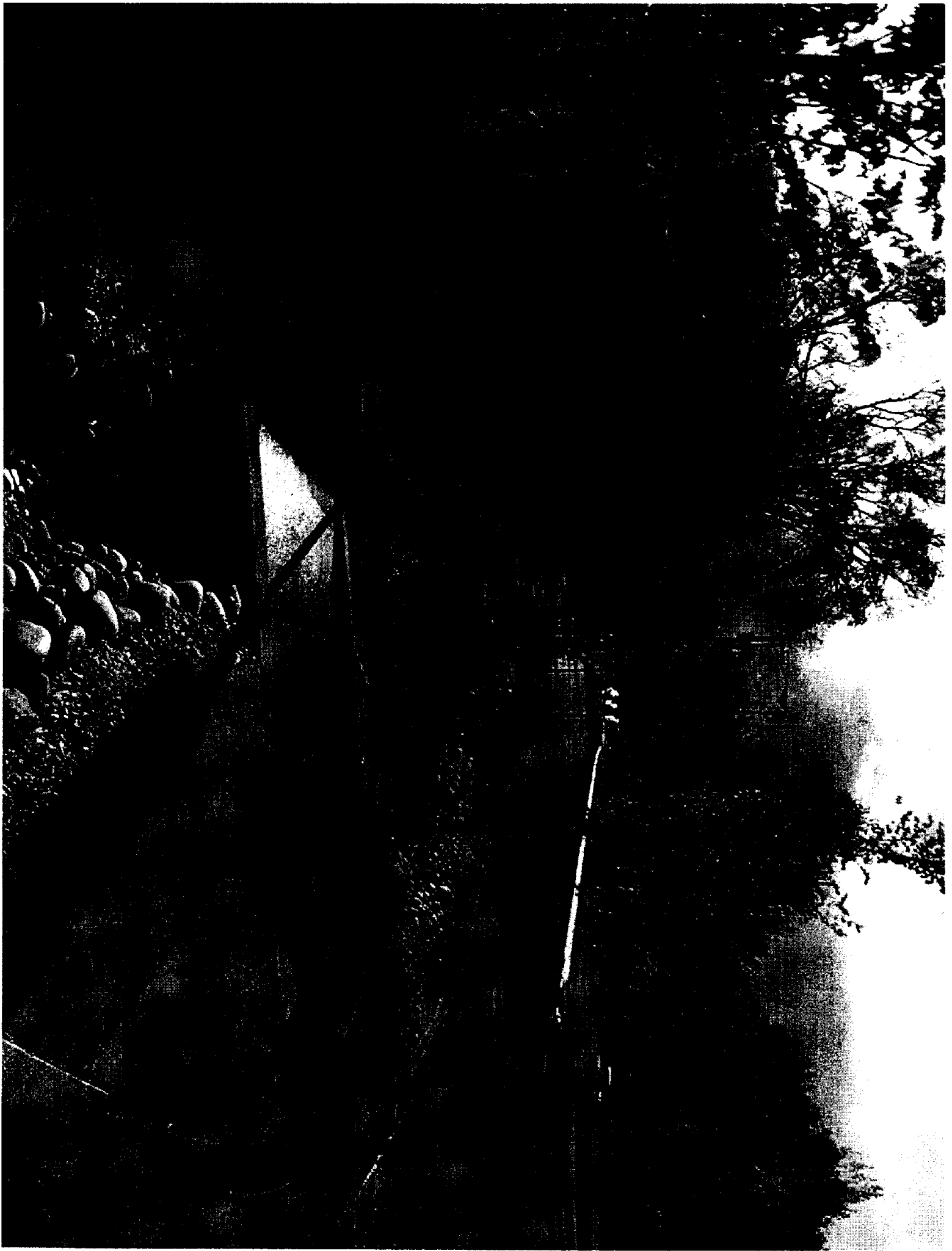
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2008/09/17











1. **The City, County, and NM Department of Transportation will be issued a new Small Municipal Separate Storm Sewer Systems (Small MS4) Permit under the National Pollutant Discharge Elimination System (NPDES) Permit Program.** This permit will require instream monitoring and sampling, the implementation of Best Management Practices to reduce and eventually eliminate river impairment, as well as the implementation of necessary ordinances to prevent the discharge of pollutants to receiving waters such as the Santa Fe River.
2. **The City and County will need to fully implement, and comply with, this permit and its requirements. This may require the identification and organization of programs and resources sufficient to address the regulatory drivers in the permit. This may impact staffing levels, monitoring costs, public outreach programs, infrastructure development, ordinances and other factors.** Many cities/counties such as Albuquerque, Bernalillo County, Rio Rancho, Las Cruces have specific programs which address storm water and its environmental impacts. How this program will be organized in Santa Fe should be discussed and decided upon by City and County leaders. Owners/operators of regulated municipal separate storm sewer systems (MS4s) are required to develop, implement, and enforce a stormwater management program (SWMP). The focus of the SWMP is to describe how the MS4 will reduce the discharge of pollutants from its sewer system and addresses these program areas:
 - Construction Site Runoff Control
 - Illicit Discharge Detection and Elimination
 - Pollution Prevention/Good Housekeeping
 - Post-Construction Runoff Control
 - Public Education and Outreach
 - Public Involvement/Participation
 - Program Effectiveness
 - Total Maximum Daily Loads
3. **Ecoli, PCB, and Aluminum impairment in the “metropolitan area” segments of the river. The NMED has listed these segments as impaired for these constituents in their 303(d) list and have established a Total Maximum Daily Load (TMDL) specifically for Ecoli contamination.** Stormwater and erosion of soils have been named as contributing factors to this impairment. The Ecoli TMDL and subsequent TMDLs for the other pollutants will greatly affect the MS4 permit implementation by requiring the City to implement BMPs and practices to reduce the loading of these pollutants to the river. These could include improvements such as rain gardens, infiltration basins, vegetated buffers, etc. as well as steps to reduce the runoff of pollutants to the river such as a pet waste (Pooper Scooper) ordinance, ordinances to prevent the discharge of non-stormwater flows to stormwater conveyances, and public education/outreach efforts.
4. **Nutrient (Nitrogen and Phosphorous) impairment of lower stretch.** The Santa Fe River below the City’s wastewater treatment plant has been found to be impaired even though the City is currently meeting the permit limits of its NPDES permit for Total Nitrogen and Total Phosphorous. These limits are some of the most stringent in the State excepting the limits imposed on the Village of Ruidoso for its discharge into the Rio Hondo. This will result in the

future issuance of stricter permit limits/permit requirements, including those in the MS4 permit, for the point sources such as stormwater and wastewater effluent discharges to the river.

5. **The Living River Ordinance was intended for the maintenance of the ecological, social and cultural significance of the river, as well as to provide for the presence of flow in the river.** Unfortunately, recent drought years and weather patterns have dramatically affected the availability and volume of water which can be utilized for Living River flows and other obligations such as irrigation releases to the acequias. Living River Flows, when available, can be utilized to maintain the natural hydrology and ecology of the river to the maximum extent possible through planning, continued coordination, and adaptation towards real-time water availability.
6. **River restoration activities.** River restoration and enhancement activities/projects can be implemented not only to control erosion, stabilize channels, and provide additional recreational opportunities, but also to prevent the flow of pollutants to the river from runoff and storm water discharges. They should also provide for the retention of storm flows in a manner which will enhance aquifer recharge, bank storage and ecological/hydrological function. Natural channel design techniques should be implemented wherever feasible on the river, stormwater conveyances such as arroyos and acequias. Furthermore, the use of acequias as storm water conveyances needs to be addressed in a holistic and safe manner which serves Acequia parsiantes as well as the citizens of Santa Fe, wherever possible.
7. **.Stormwater flows/runoff. Stormwater runoff has been implicated in the current impairment of the Santa Fe River with respect to the maintenance of water quality standards and the designated-use classifications of the river.** This is due to the transport of pollutants from streets, roads, commercial facilities, agriculture, etc. by the stormwater which flows to the river, as well as the use of stormwater conveyance to transport non-stormwater discharges. However, stormwater can also be managed and treated as a resource rather than a nuisance. The new Small MS4 Permit encourages the management of stormwater and the “stormwater system” in a manner which not only addresses its capacity to transport pollutants and cause erosion, but maximizes its use for the benefits of river/arroyo restoration, ecological enhancement, recreation, aquifer recharge, etc.
8. **Ground Water Contamination in the Aquifer. Several sites of soil and groundwater contamination have been identified by the City of Santa Fe in concert with the New Mexico Environment Department.** The City of Santa Fe continues to address and hasten investigations of soil and ground water contamination in the aquifer fed by the river, and flows to the river through soil and groundwater transport. Sites include the “Downtown Perchloroethylene (PCE) Plume”, the PNM Santa Fe Generating Station (Baca Street Wellsite), the South College Plaza PCE site, and the County Courthouse groundwater site.

Recommendations

The City, County, and New Mexico Department of Transportation (NMDOT) could evaluate their respective storm water infrastructure and provide for structures and projects which safely convey stormwater flows, as well as provide for ecological and beneficial uses of stormwater such as aquifer recharge. Natural channel design techniques could be implemented wherever feasible on the river and stormwater conveyances, such as arroyos and acequias. These strategies could provide for the retention of storm flows in a manner which will enhance aquifer recharge and bank storage.

The use of arroyos and acequias as storm water conveyances and storm water “infrastructure” needs to be addressed in a holistic and safe manner which serves Acequia parsiantes, as well as other citizens of Santa Fe, wherever possible.

The City, County and NMDOT could provide public outreach and promote public responsibility in reducing the prevalence of surface water contamination in the Santa Fe River, and subsequent impairment of its designated uses, due to the runoff of pollutants from city streets, trails, roadways, parks, and other land areas within the metropolitan area of Santa Fe.

The City, County, and NMDOT may want to consider stormwater management alternatives such as in-channel/off-channel and stormwater detention and infiltration basins, wetlands and bank storage projects to enhance infiltration of stormwater and reduce its erosive capacity.

The City, County and NMDOT could proactively identify organizational and programmatic strategies and plans to identify and dedicate the financial and human resources necessary to implement, and comply, with the provisions of the Small MS4 Permit, which will be issued to these organizations. A draft permit has been developed by the USEPA. Final issuance of this permit is expected soon.

The City, County, and NMDOT could implement actions to evaluate and further their “internal compliance” with the new Small MS4 permit through the development and implementation of Best Management Practices (BMPs) and stormwater controls at municipal, county and state buildings and facilities.

The City, County, and NMDOT could explore new opportunities for collaboration and the furthering of joint partnerships in the management of stormwater and the protection of water quality in the Santa Fe River. The feasibility of regional partnerships and “authorities” for the management and use of stormwater (such as the Albuquerque Metropolitan Arroyo Flood Control Authority and Southern Sandoval County Flood Control Authority) could be investigated.

City/State/private partnerships can be fostered to address soil, groundwater and surface water contamination at sites around the City and County (i.e, brownfields projects and voluntary remediation actions). Federal and State Brownfields and private remedial action funding sources could be pursued to promote cleanup and redevelopment of contaminated sites wherever possible (*The Environmental Protection Agency (EPA) defines a brownfield as "real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant".*)

The City and County should further pursue the development of a watershed based plan (WBP) for the protection of surface water quality in the Santa Fe River, in partnership with the New Mexico Environment Department's Surface Water Quality Bureau. The development of this plan could include extensive input/participation from public and private stakeholders.

Santa Fe River Commission Schedule 2019

Thursday, January 10, 2019

Thursday, February 14, 2019

Thursday, March 7, 2019

Thursday, April 11, 2019

Thursday, May 9, 2019

Thursday, June 13, 2019

Thursday, July 11, 2019

Thursday, August 8, 2019

Thursday, September 5 2019

Thursday, October 10, 2019

Thursday, November 7, 2019

Thursday, December 12, 2019

Railyard Roundhouse Conference Room

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Santa Fe
WATERSHED
ASSOCIATION

MONTHLY REPORT: August 2018
To: The City of Santa Fe River & Watershed Coordinator
From: Santa Fe Watershed Association
Date: September 30, 2018

1413 Second Street, Suite 3
Santa Fe, NM 87505
(505) 820-1696 • fax 986-9132
raquel@santafewatershed.org
www.santafewatershed.org

RE: Adopt-the-River Program

Task 1. PLAN FOR RESTORING AND MAINTAINING 26 ADOPTED REACHES AND ARROYOS

- ✓ 9/1/18, St. Catherine's Neighborhood group cleaned Arroyo Rosario. 70% of the trash collected was from homeless.
- ✓ 9/8/18, Santa Fe Garden Club cleaned reach 6. Erosion from flood was noted by volunteer.
- ✓ 9/8/18, Center for Spiritual Living cleaned reach 27.
- ✓ 9/13/18, Klean Kanteen in partnership with Outside, cleaned reaches 15-16.
- ✓ 9/15/18, AMMA group cleaned Arroyo Pinos.
- ✓ 9/15/18, United Church cleaned reach 17.
- ✓ 9/16/18, Desert Montessori cleaned reach 20.
- ✓ 9/17/18, Heather and Bill Leeson cleaned reach 24.
- ✓ 9/19/18, Santa Fe Indian School cleaned reach 23.
- ✓ 9/20/18, AMMA group cleaned reach 5.
- ✓ 9/20/18, Santa Fe Prep cleaned Arroyo Mascaras.
- ✓ 9/21/18, WWWoW cleaned reach 7.
- ✓ 9/22/18, Capital High cleaned reach 22.
- ✓ 9/22/18, ATC cleaned Arroyo Pinos.
- ✓ 9/26/18, Waldorf cleaned reach 21.
- ✓ 9/29/18, Emily Garcia and coworkers cleaned Arroyo Chamisos.
- ✓ 9/29/18, the Vizcaya group cleaned Arroyo en Medio.
- ✓ 9/29/18, The State Land Office cleaned their reach.
- ✓ 9/29/18, The Supreme Court Commission cleaned their reach.

TASK 2. COORDINATE VEGETATION MANAGEMENT IN ACCORDANCE WITH THE CITY'S COMPREHENSIVE VEGETATION MANAGEMENT PLANNING

- ✓ There was no vegetation management for the month of September.

Task 3. REPORT ON STEWARDS AND MONETARY SPONSORS

- ✓ All reaches of the river have sponsors.
- ✓ SFWA is actively looking for sponsors and stewards for the Adopt-an-Arroyo and Adopt-the-River programs.
- ✓ Adopt-the-River Coordinator Raquel Baca-Tompson is sending out and tracking Sponsor renewals as well as approaching potential Sponsors.

Our River, Our Water, Our Future

- ✓ Volunteer Coordinator Keely Jackson-Kennemore is sending 2018 Steward agreements and tracking Steward renewals.
- ✓ Volunteer Coordinator Keely Jackson-Kennemore continues to encourage Steward groups to clean their reaches and occasionally other reaches in need of a cleanup.

TASK 4. ORGANIZE AND SUPPORT TRASH REMOVAL AND VEGETATION MANAGEMENT

Reach Report for September 2018 totals for the third month of FY 2018-2019 are as follows:

	Reaches/visits	Volunteers	Trash Bags Collected	Volunteer Hours
July – August 2018				
River	12	26	52	59
Arroyos	4	32	82	64
Totals	16	58	134	123
September				
River	12	94	131	187
Arroyos	7	44	90	50
Totals	19	138	221	237
Totals Combined	35	196	355	360

The value of the volunteers' in-kind contributions in City river reaches and arroyos to date in **FY 18/19 (third month)** is approximately **\$7,920.00** (360 hours @ \$22; see www.independentsector.org/volunteer_time).

TASK 5. POST SIGNS FROM ARMIJO PARK TO FRENCHY'S FIELD

- ✓ Keely Jackson-Kennemore and Andy Otto regularly checks signs for wear and tear.
- ✓ City staff continues to help with post and sign installation for the arroyo reaches.

TASK 6. PROVIDE TRAINING AND EDUCATION FOR VOLUNTEERS REGARDING RIVER & ARROYO RESTORATION

- ✓ During cleanups that Keely attends, she speaks to the volunteers about water conservation and water challenges in the Southwest.
- ✓ We are training volunteers on tabling at events to promote the Adopt-an-Arroyo Program.

TASK 7. ORGANIZE THREE COMMUNITY-WIDE EVENTS

- ✓ The next community cleanup is the Hunt for the Red Rocktober, scheduled for October 20th from 10AM-12PM at Alto Park.

MONTHLY REPORT: August 2018

To: The City of Santa Fe River & Watershed Coordinator

From: Santa Fe Watershed Association

Date: September 30, 2018

TASK 8. COORDINATE WITH CITY STAFF TO TAKE ALL ACTIONS IN COMPLIANCE WITH THE CITY.

- ✓ Volunteer Coordinator Keely Jackson-Kennemore, notifies Parks Supervisor Chris Ortiz about each Steward clean-up outing to schedule trash collection. She also relays observations that we receive from Stewards to Melissa McDonald and Chris Ortiz.
- ✓ Increased homeless camps under arroyo and river bridges have been observed

TASK 9. SEND MONTHLY REPORTS OF WORK DONE THE PREVIOUS MONTH.

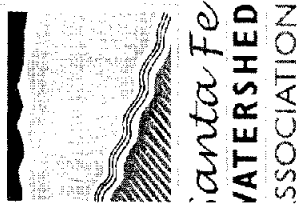
- ✓ We are hereby providing report of activity for September 2018 to the City of Santa Fe River and Watershed Coordinator.

TASK 10. CONDUCT PUBLIC OUTREACH TO PROMOTE PROGRAMS AS WELL AS TO THANK SPONSORS AND STEWARDS.

INCLUDE PRESENTATIONS TO NEIGHBORHOOD MEETINGS AND COMMUNITY EVENTS, AND MAINTAIN A WEB SITE.

- ✓ We have been using social media sites as well as volunteermatch.com, to thank volunteers and to recruit new volunteers for River Stewardship.
- ✓ We are tabling at various events to promote and educate the community on the Adopt-an-Arroyo Program.

Submitted by: Raquel Baca-Tompson, SFWA Adopt-the-River Program Coordinator



Adopt Update

JULY ~ AUGUST 2018

100 Year Flood Probability

Santa Fe has seen flooding for hundreds of years. The chance of having a 100 year flood is .2% in a given year while the chance of having a 10 year flood interval is 10%. Nice to know the odds of having a 1,000 year flood are extremely low. ^{uses} Included are some excerpts from The New Mexican.

The rain in the mountains yesterday was very heavy. In a few hours our meek little river rose from almost nothing to a boiling foaming, roaring torrent, threatening to carry all before it.

1852

"if the crest of the flood had struck Santa Fe, the entire lower portion of the town would undoubtedly have been inundated and many buildings washed out."

1904

"a four inch rain Thursday afternoon poured into the Santa Fe River causing the stream to swell over its banks and flow westward through the city..."

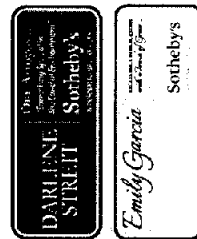
1968



RIVER NEWS

Early this year, a decision was made not to release extra water into the river to meet the Living River Ordinance Pulse Flows. The reservoirs are too low.

The flood and monsoons this year are what helped keep the Santa Fe River *alive*.



SPONSOR NEWS

Realtors of Sotheby's are new sponsors of local arroyos and the Santa Fe River. **Emily Garcia**, adopted part of the Arroyo Chamisos, **Darlene Streit** adopted some of the Arroyo Mascaras.

Thanks for helping the arroyos out!



ARROYO NEWS

Santa Fe's arroyos are awash with trash after the flood in July.

The Masters Program responded in August before the start of school.

A huge impact was made in only *one and a half* hours.

36 bags of trash were filled!

RIVER REACHES : 11 VOLUNTEERS : 65 BAGS : 141 HOURS : 141 ARROYO REACHES : 17 SF River + Arroyo cleanup totals = 2 months

Santa Fe Watershed Association 1413 Second Street Suite # 3 Santa Fe, NM 87505 820-1696 www.santafewatershed.org

THANKS TO
YOU
WE DID IT
AGAIN!

**BEST REPORTER
SANTA FE
2018**

**1ST PLACE!
WINNER!**

UPCOMING EVENTS

9.14.18 | TWO DAY WALK + TALK

Day one: Come learn about archaeology and water presented by Dr. Aiuvalasit.

Talk held at Santa Fe Women's Club
5:30-8:30

9.15.18 | TWO DAY WALK + TALK

Day two: Join Dr. Aiuvalasit as he leads a hike through Ancestral Pueblo sites in the Jemez mountains.

For meet up detail see our website:
santafewatershed.org

10.20.18 | HUNT FOR THE
RED ROCKTOBER

Join us for our last community cleanup for the year!

10:00 am - 12:00 pm

Alto Park (under the shade trees!)

HUNT for the RED ROCKTOBER



Saturday, October 20

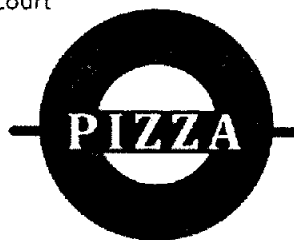
10:00 am - 12:00 pm

Alto Park Picnic Area *

* under the shade trees next to the tennis court



Prizes donated by :



TRADER JOE'S

Snacks, trash bags, and prizes provided

The Hunt for the Red Rocktober is an annual SFWA event to keep our waterways clean and protect water quality from Santa Fe to the Rio Grande.

santafewatershed.org 505 - 820 - 1696

