



# Agenda

CITY CLERK'S OFFICE

DATE 4/16/16 TIME 12:27

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## **Santa Fe River Commission Agenda**

**Thursday, April 14, 2016 (Round House Room), 6 pm to 8 pm**

**City Offices at the Market Station Building at the Rail yard**

**500 Market Street, Suite 200, Santa Fe, NM**

**505-955-6840**

- 1. ROLL CALL**
- 2. APPROVAL OF AGENDA**
- 3. APPROVAL OF MINUTES FROM MARCH 10, 2016**
- 4. Communication from other Agencies/Committees**
  - a) Living River Target Flow, Hydrograph and Reservoir Update- (Alan Hook)**
- 5. INFORMATION/DISCUSSION/ACTION:**
  - a) Action Item- Alameda Rain Garden Project,**  
**Proposed rain garden at Sicomoro (Melissa McDonald, Andy Otto)**
  - b) Information item-W. SF River Corridor Plan Report (Melissa McDonald)**
  - c) Reports from sub-committees**
    - Watershed Revitalization, Emile Sawyer
    - Promoting a Living River, John Buchser
      - Traffic study Update at DeFouri Bridge
    - Species Resiliency, Zoe Isaacson
    - Outdoor Economy, Luke Pierpont
      - PNM Power Up Grant
- 6. MATTERS FROM COMMISSIONERS**
- 7. MATTERS FROM SUBCOMMITTEES**
- 8. MATTERS FROM STAFF – 2016 Fishing Derby, Project Updates, Stormwater Resolution, etc...**
- 9. SUB-COMMITTEE BREAKOUT SESSION (optional)**
- 10. CITIZENS' COMMUNICATION FROM THE FLOOR**
- 11. ADJOURN**

**Next Scheduled for the River Commission is May 12, 2016**

**Packet Material due by May 3, 2016**

***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.***

Santa Fe River Commission  
Meeting Index  
April 14, 2016

Cover Sheet		0
Call to Order	Mr. Phil Bove, Vice Chair called the meeting of the Santa Fe River Commission to order at 6:10 p.m. at 500 Market Station, Santa Fe, NM.	1
Roll Call	A quorum was established by roll call.	1
Approval of the Agenda	<i>Ms. Hansen moved to approve the Agenda as amended with a second Mr. Jacobi from which passed by voice vote.</i>	1
Approval of Minutes from March 10, 2016	<i>Ms. Hansen moved to approve the minutes of March 10, 2016 as presented with a second from Ms. Isaacson which passed by voice vote.</i>	1
Communication from other Agencies/Committees a) Living River Target Flow, Hydrograph and Reservoir Update- Alan Hook	Discussion Only	2
Information/Discussion/Action a.) Action Item- Alameda Rain Garden Project, proposed rain garden at Sicomoro b.) Information Item -W. SF River Corridor Plan Report c.) Reports from Subcommittees • Watershed Revitalization-Emile Sawyer • Promoting a Living River- John Buchser Traffic Study Update at DeFouri Bridge • Species Resiliency-Zoe Isaacson • Outdoor Economy-Luke Pierpont PNM Power Up Grant	<i>Ms. Hansen moved to approve the work on the Alameda Rain Garden at Sicomoro with a second by Mr. Jacobi which passed by voice vote.</i> Discussion Only  Discussion Only  Discussion Only  Discussion Only  Discussion Only	2,3 3 3 4 4 4
Matters from Commissioners	Discussion Only	4
Matters from Subcommittees	Discussion Only	5
Matters from Staff	Discussion Only	5
Sub-Committee Breakout Session (Optional)	Discussion Only	5
Citizen's Communication From the Floor	Discussion Only	5
Adjourn	<i>There being no further business to come before the Santa Fe River Commission Ms. Hansen moved to adjourn at 8:12 p.m. with a second from Mr. Sawyer which passed by voice vote.</i>	6
Signature Page		6

Santa Fe River Commission  
Meeting Minutes-April 14, 2016  
500 Market Street Santa Fe, New Mexico  
6:00-8:00 p.m.

**Call to Order**

Mr. Phil Bove, Vice Chair called the meeting of the Santa Fe River Commission to order at 6:10 p.m. at 500 Market Station, Santa Fe, NM. A quorum was established by roll call.

**1. Roll Call**

**Present**

Phil Bové, Vice Chair  
Jerry Jacobi  
Anna Hansen  
Zoe Isaacson  
Emile Sawyer  
Dale Doremus

**Not Present/Excused**

John R. Buchser, Chair  
Luke Pierpont  
F.M. Patomi

**Others Present**

Melissa McDonald, Santa Fe River Watershed Coordinator, City of Santa Fe Staff  
Andy Otto, Santa Fe Watershed Association  
Alan Hook, Santa Fe Water Division  
Linda Vigil, Stenographer

**2. Approval of the Agenda**

*Ms. Hansen moved to approve the Agenda as amended with a second Mr. Jacobi from which passed by voice vote.*

**3. APPROVAL OF THE MINUTES FROM March 10, 2016**

*Ms. Hansen moved to approve the minutes of March 10, 2016 as presented with a second from Ms. Isaacson which passed by voice vote.*

**4. COMMUNICATION FROM OTHER AGENCIES/COMMITTEES**

A.) Living River Target Flow, Hydrograph and Reservoir Update-Alan Hook

*Ms. McDonald apologized for the Projector it is blurry, they have experienced difficulty with the connection.*

Mr. Hook presented a set of graphs to the Commission to review. (See Exhibit A) It shows measurements from April 2015 to April 2016 of flow to the Living River.

Mr. Hook described the chart and the targets they would like it to reach. McClure was not finished so the flows had to come in below Nichols. Mr. Hook discussed El Nino and how the snowpack affected the measurements of the Rio Grande Basin.

Mr. Hook discussed the Sangre De Cristo Mountains Snowpack summary. Two of the Snotel measurement areas are in the Santa Fe Watershed. Between February and March a lot of snowpack was lost.

Mr. Hook discussed the dry year hydrograph and average in flows and the 2016-2017 planned hydrograph.

A brief discussion was held about the exchange and storage of McClure. After this next week the weather will change and warm up.

A brief discussion was held about Canyon Road plant, they are working on filters. The water they need will come from Buckman. However, that will hold up water at Nichols. The plant should only be closed for a week. If there is more demand they will consider using other wells.

A discussion was held about the work to be done at Buckman.

## **5. INFORMATION/DISCUSSION/ACTION:**

A.) Action Item- Alameda Rain Garden Project, Proposed Rain Garden at Sicomoro-Melissa McDonald, Andy Otto

Ms. McDonald presented the draft design for the Alameda Rain Gardens Project. (See Exhibit B) It has been approved by City Council and is partially funded by the Santa Fe River Fund as well as a matched grant from Wells Fargo.

Ms. McDonald explained this project is going to be a pilot project. There are plans for more that will involve the schools.

Mr. Otto explained the grant and how it came about. Part of the agreement is to involve the community. It will be a great project for the schools and families.

Mr. Otto explained this particular project and its location. It will be on City Property off Alameda and is 21,175 square feet. There will be two basins with a sediment trap and some engineering will need to be done.

A discussion was held about the slopes into the sediment traps. This project will have a pipe, they won't all have pipes that tie to the outflow.

Mr. Otto explained there won't be too much concrete included in this project.

Ms. McDonald mentioned there will be large rocks set for sitting if it is allowed in the budget. The Parks department will help install those.

A discussion was held about the plants they will use. Due to the snow removal plan in place by the city and the mix used they will need to find plants that are salt resistant. Options were discussed.

Ms. Hansen asked how much of the River Fund will be used. Ms. McDonald explained this is the first time it is used for a project. Some issues will need to be worked out with the Water billing.

Ms. Hansen mentioned the Parks department hold Community Day that could be a way to get volunteers.

Ms. Isaacson asked about the budget for the signage. Ms. McDonald stated it is included and will have to be approved by the City.

A brief discussion was held about the excavation materials and where they might go.

A discussion was held about the existing pipes and their location. Ms. McDonald noted and will discuss with the engineer Mr. Coffman.

***Ms. Hansen moved to approve the work on the Alameda Rain Garden at Sicomoro with a second by Mr. Jacobi which passed by voice vote.***

B.) Information item- W. SF River Corridor Plan Report-Melissa McDonald

Ms. McDonald reported she attended the public meeting at Frenchy's to review the maps and zoning. (Slideshow)

A discussion was held about the mixed area, Ms. McDonald encouraged them to use infiltration. Most of the area belongs to the County but once it is complete the City will handle the maintenance. It looks like the work will begin in September.

Ms. Hansen was also present at the public meeting and stated it was so gratifying to see a plan in the works, she started working on it with the West SF River Alliance in February 2015.

Ms. McDonald stated the most positive feedback from land owners and local families was on the trails.

The next public meeting is Wednesday from 5:00 -7:00 p.m. at Frenchy's.

c.) Reports from Subcommittees

- Water Revitalization-Emile Sawyer

Mr. Sawyer reviewed the report of the Water Revitalization Subcommittee (See Exhibit C). Mr. Sawyer discussed the visit of Jan-Willem Jansens last meeting and his helpful information on the wetlands. Mr. Sawyer mentioned the subcommittee would like to collaborate with Species Resiliency on the Rain Garden Project.

A brief discussion was held about the meeting in La Cieneguilla and the issue with the Beavers. At the meeting they decided to come up with a wildlife plan to remove them.

- Promoting a Living River-John Buchser

Mr. Bove stated he has not spoken to Mr. Buchser, however he reported his work on the Acequia and the school being interested in using water from the Acequia Madre for their garden. (See Exhibit D)

Mr. Bove discussed the Railyard Park and the community garden, the lease was worked on. He has some available water he can lease if anyone else is interested. He will meet with the property owners near the school to decide how they will run the water into the garden.

- Traffic Study Update at DeFouri Bridge

Mr. Buchser was not in attendance to report on this matter.

- Species Resiliency-Zoe Isaacson

Ms. Isaacson reported that the subcommittee would like to work on the Rain Garden project to come up with ways to help with the plants. (See Exhibit E)

A discussion was held about the snow removal plan in place at this time with the Streets Department. Ms. McDonald will forward that plan.

Ms. Isaacson will review the plan and then suggest plans from other cities.

Mr. Jacobi mentioned the subcommittee may want to talk to Mr. Steve Cary who has knowledge of the different pollinators.

Ms. McDonald briefly discussed the budget issues, the Water Conservation division would like to put a video or information on how to rain garden on their website. Ms. McDonald stated it needs to get put in motion before it gets cut.

- Outdoor Economy-Luke Pierpont

- PNM Power Up Grant

Ms. Hansen reported for the Outdoor Economy subcommittee (See Exhibit F). A grant was announced at an MPO Committee meeting and within the week, Mr. Pierpont wrote up a great grant submission. It would include a bike rack and a bench in 5 locations.

Ms. McDonald was contacted by a person in Los Angeles on how to get a funding mechanism in place for Art along their river, she referred them to the Arts Commission.

## **6. MATTERS FROM COMMISSIONERS**

There were no matters from Commissioners.

## **7. MATTERS FROM SUBCOMMITTEES**

There were no matters from Subcommittees.

## **8. MATTERS FROM STAFF**

Ms. McDonald reviewed her report on projects. (See Exhibit G)

Ms. McDonald reported that the Camino Alire project will start in the summer. A brief discussion was held about having Youthworks plant the trees.

Ms. McDonald reported the Arroyo Chamiso project will have to be repackaged and rebid on.

Ms. McDonald reported that the Arroyo de los Pinos study is still being conducted.

Ms. McDonald has been asked about the La Joya project, it still has not been funded but it getting worse. She will keep it on her list.

Ms. McDonald reported that the Adopt the River project will have to review budgets. The Arroyo assessment is almost complete, it should be done in July.

Ms. McDonald reported the Acequia trail crossing project is evaluating the bids submitted.

A brief discussion was held about the project at Patrick Smith Park, DOT is funding the sidewalk project.

Ms. McDonald reported the work on Defouri Bridge will start in July. It is possible they may need to find a time to stop the river or wait until the fall.

Ms. McDonald discussed the Fishing Derby on June 4, 2016. Enclosed is the letter going out to businesses for prize donations. (See Exhibit H) This year there will be food trucks and tables. The Parks division will take over the outreach portion of the fishing derby.

Ms. McDonald asked the Commissioners to inform her of any items they would like on the next agenda.

Mr. Bove discussed a video of a male beaver that was in the river near Canyon Rd. he sent to Melissa she will forward to the Commission.

## **9. SUBCOMMITTEE BREAK OUT SESSION**

There was not time allotted for a break out session.


## **10. CITIZENS' COMMUNICATION FROM THE FLOOR**

There were no citizen's in attendance.

## 11. ADJOURN

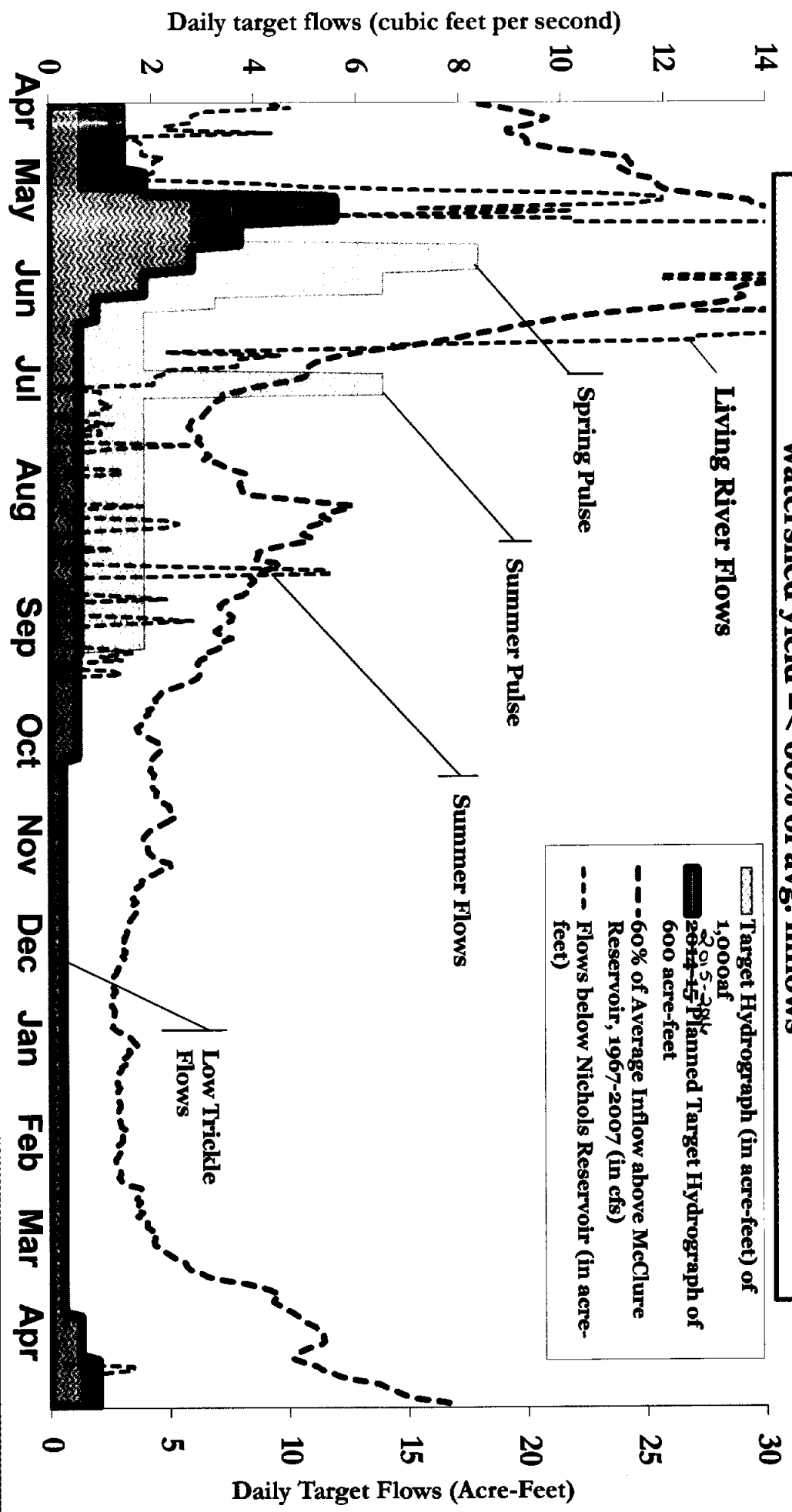
*There being no further business to come before the Santa Fe River Commission Ms. Hansen moved to adjourn at 8:12 p.m. with a second from Mr. Sawyer which passed by voice vote.*

### SIGNATURES

  
John Buchser, Chair  
Linda Vigil, Stenographer

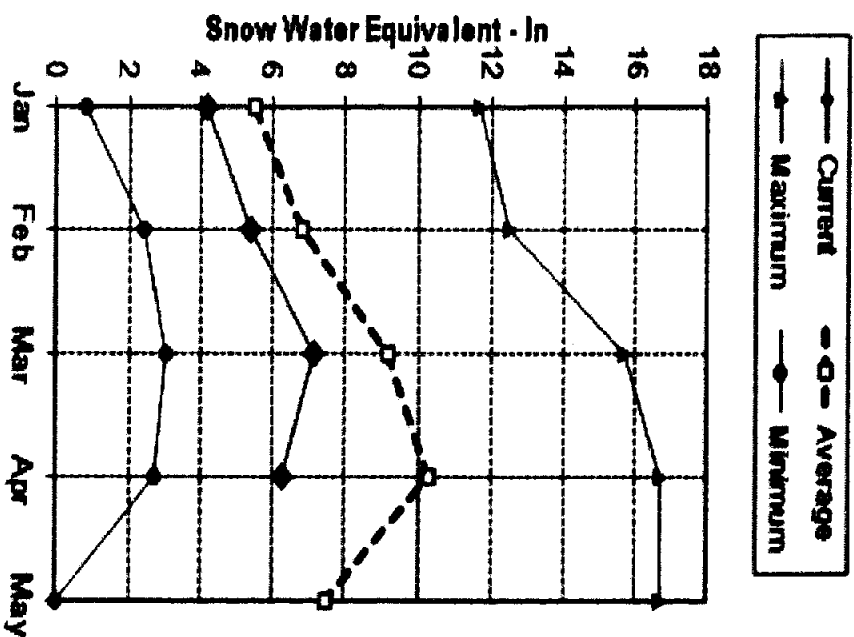


# **2015-16 PLANNED HYDROGRAPH: 600 af Target Allocation, anticipated watershed yield = < 60% of avg. inflows**



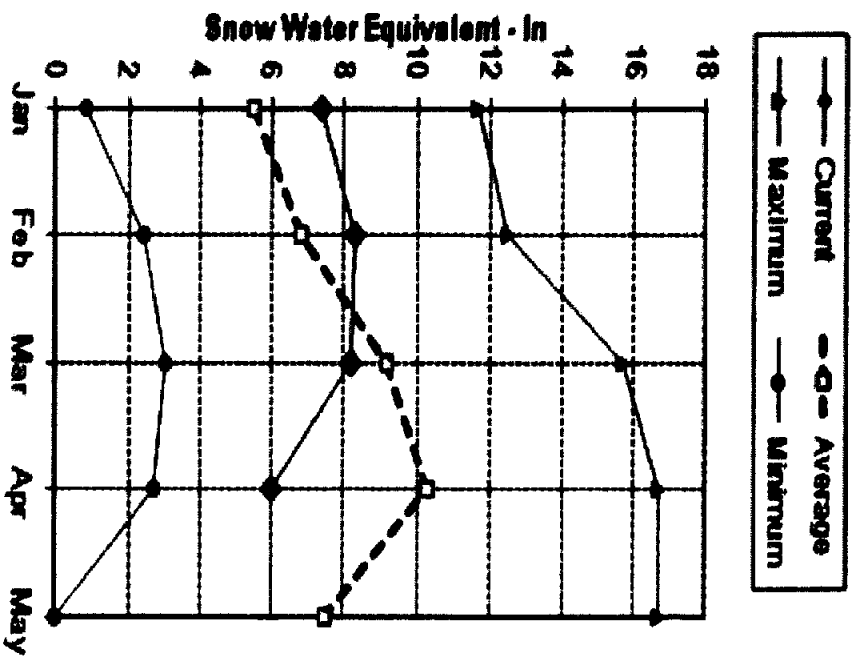
# 2015

## Mountain Snowpack (Inches)

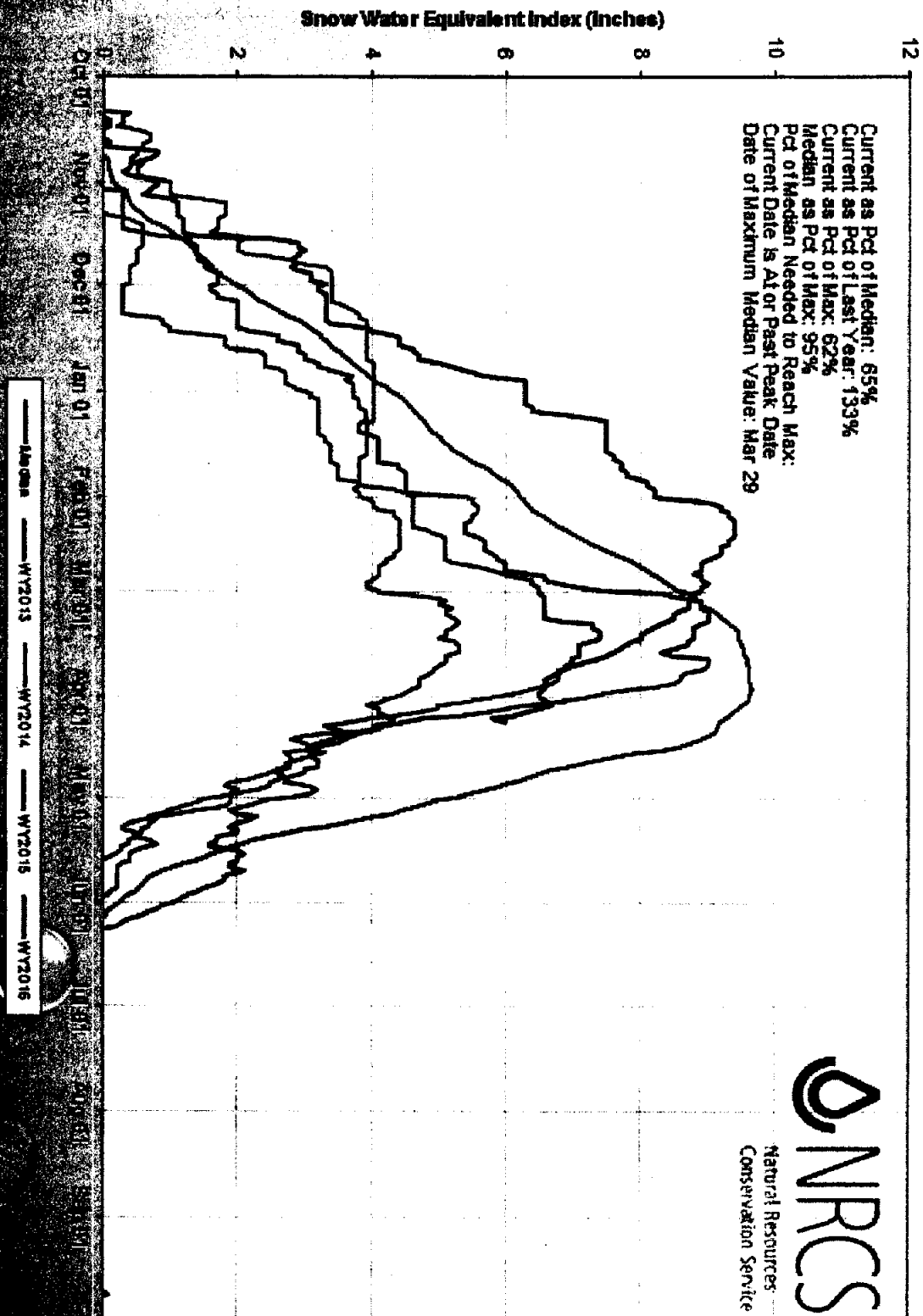


# 2016

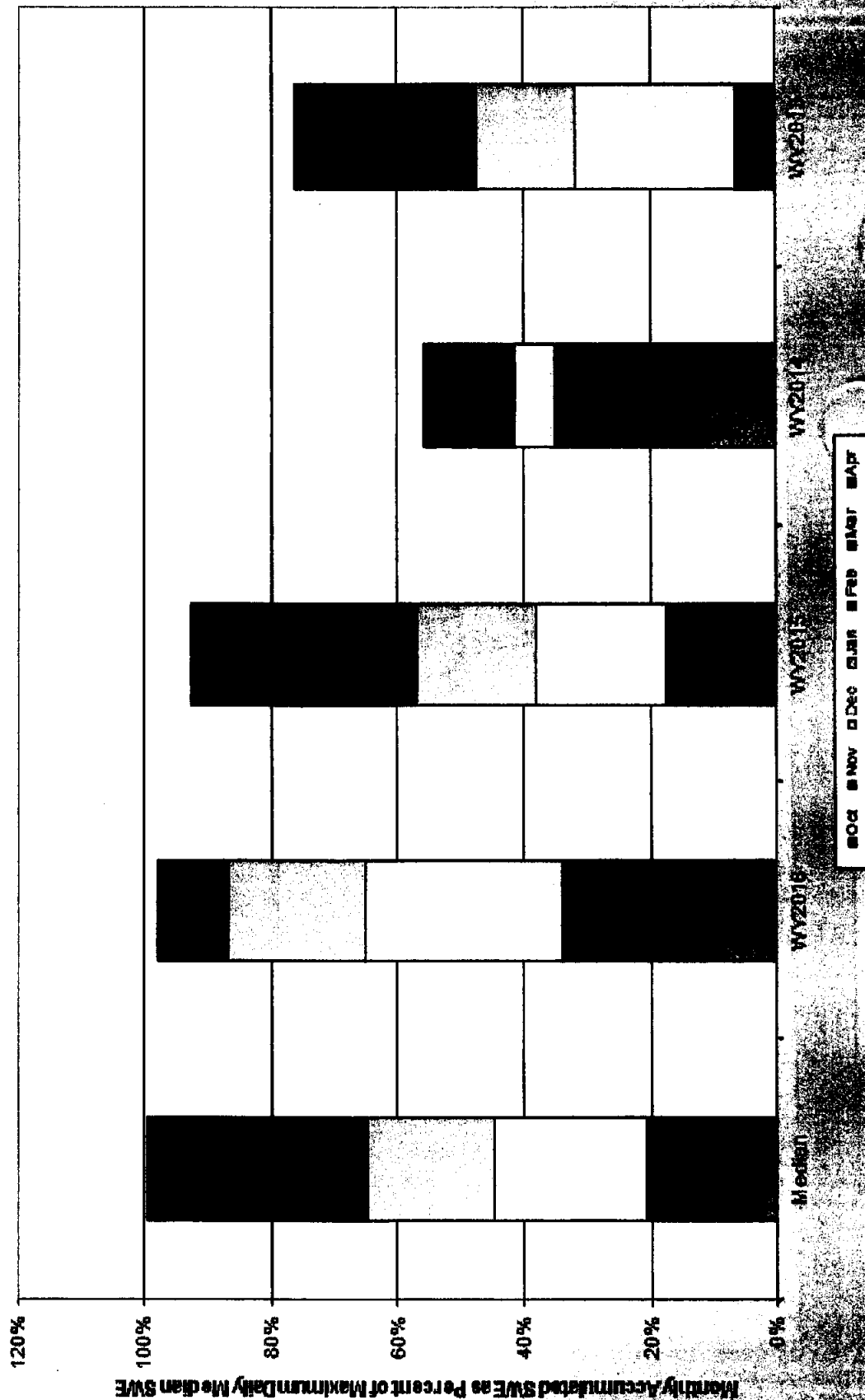
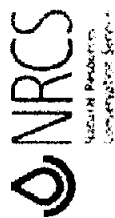
## Mountain Snowpack (Inches)



SANGRE DE CRISTO MOUNTAINS Time Series Snowpack Summary  
Based on Provisional SNOTEL data as of Apr 08, 2016



**SANGRE DE CRISTO MOUNTAINS Time Series Monthly Snowpack Summary**  
 Based on Provisional SNOTEL data as of Apr 08, 2016



# **Rio Grande Basin** **Streamflow Forecasts - April 1, 2016**

Forecast Exceedance Probabilities for Risk Assessment  
 Chance that actual volume will exceed forecast

RIO GRANDE BASIN	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Rio Grande nr Del Norte <sup>2</sup>	APR-SEP	295	375	435	84%	500	600	515
Platoro Reservoir Inflow	APR-JUL	34	40	45	80%	50	58	56
	APR-SEP	37	44	50	81%	56	65	62
Conejos R nr Mogote <sup>2</sup>	APR-SEP	105	130	149	77%	169	200	194
Costilla Reservoir Inflow	MAR-JUL	4.2	6.2	7.8	70%	9.7	12.7	11.1
	APR-JUL	3.7	5.7	7.3	71%	9.2	12.2	10.3
Costilla Ck nr Costilla <sup>2</sup>	MAR-JUL	7.9	12.9	17.1	66%	22	30	26
	APR-JUL	6.8	11.8	16	67%	21	29	24
Red R bl Fish Hatchery nr Questa	MAR-JUL	15.3	20	24	71%	28	35	34
	APR-JUL	12.1	17.1	21	68%	25	32	31
Rio Hondo nr Valdez	MAR-JUL	8	10.5	12.4	67%	14.5	17.8	16.4
	APR-JUL	7.1	9.6	11.5	66%	13.6	16.9	17.4
Rio Pueblo de Taos nr Taos	MAR-JUL	6.7	9.5	11.8	69%	14.3	18.8	17
	APR-JUL	5.3	8.1	10.4	65%	12.9	17.2	15.9
Rio Lucero nr Arroyo Seco	MAR-JUL	4.6	6.3	7.6	70%	9	11.4	10.9
	APR-JUL	4	5.7	7	68%	8.4	10.8	10.3
Rio Pueblo de Taos bl Los Cordovas	MAR-JUL	8.6	14.3	19.4	54%	25	36	36
	APR-JUL	5.7	11.4	16.5	50%	22	33	33
Embudo Ck at Dixon	MAR-JUL	15.3	25	33	68%	42	59	48
	APR-JUL	11.9	22	30	68%	39	56	44
El Vado Reservoir Inflow <sup>2</sup>	MAR-JUL	88	114	134	60%	196	191	225
	APR-JUL	74	100	120	59%	142	177	206
Santa Cruz R at Cundiyo	MAR-JUL	7.9	11.2	13.9	76%	16.9	22	18.3
	APR-JUL	5.5	8.8	11.5	69%	14.5	19.6	16.7
Nambe Falls Reservoir Inflow	MAR-JUL	2.7	3.7	4.6	71%	5.6	7.2	6.5
	APR-JUL	1.97	3	3.9	64%	4.9	6.5	6.1
Tesuque Ck ab diversions	APR-JUL	0.29	0.59	0.85	71%	1.16	1.7	1.19
Rio Grande at Otowi Bridge <sup>2</sup>	MAR-JUL	275	365	435	60%	510	635	720
	APR-JUL	199	285	355	56%	430	555	635
Santa Fe R nr Santa Fe <sup>2</sup>	MAR-JUL	1.54	2.3	2.9	67%	3.5	4.6	4.3
	APR-JUL	1.42	2.2	2.8	66%	3.4	4.5	4.1
Jemez R nr Jemez	MAR-JUL	13.8	17.4	20	48%	24	29	42
	APR-JUL	6.5	10.1	13	37%	16.3	22	35
Jemez R bl Jemez Canyon Dam	MAR-JUL	8.8	12.1	15	44%	18.5	25	34
	APR-JUL	2.8	6.1	9	31%	12.5	18.7	29
Rio Grande at San Marcial <sup>2</sup>	MAR-JUL	9.2	137	225	44%	315	440	510
	APR-JUL	-49	79	165	38%	255	380	440

1) 90% and 10% exceedance probabilities are actually 95% and 5%

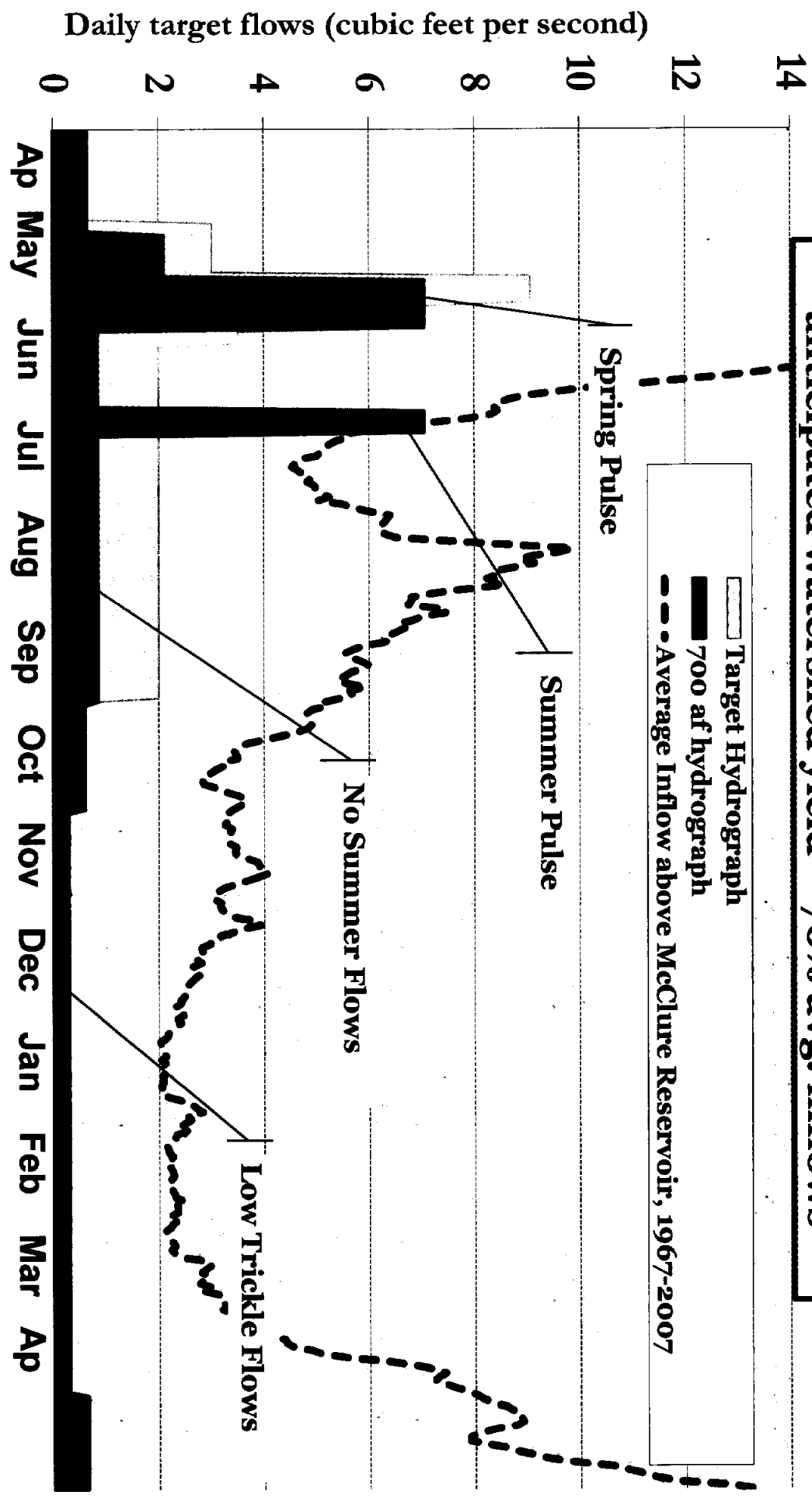
2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions

3) Median value used in place of average

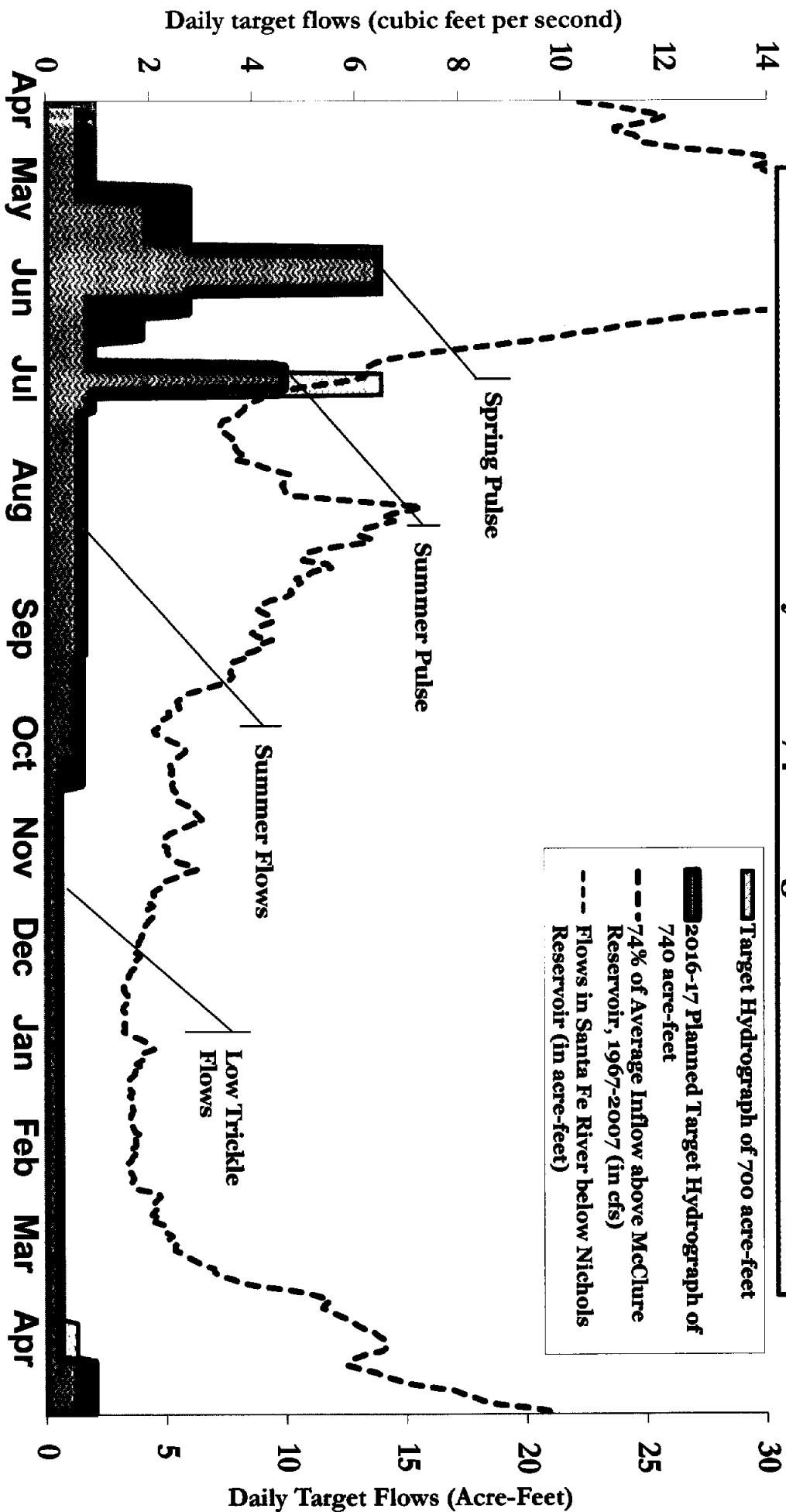
Reservoir Storage End of March, 2016	Current (KAF)	Last Year (KAF)	Average (KAF)	Capacity (KAF)
Abiquiu Reservoir	133.4	133.5	153.9	1192.8
Bluewater Lake	2.1	2.4	9.7	38.5
Caballo Reservoir	39.8	36.1	84.6	332.0
Cochiti Lake	46.8	48.7	58.0	491.0
Costilla Reservoir	10.8	4.8	7.3	16.0
El Vado Reservoir	48.3	37.3	113.0	190.3
Elephant Butte Reservoir	407.3	368.5	1283.0	2195.0
Heron Reservoir	73.4	67.6	287.7	400.0
Basin-wide Total	761.9	698.9	1997.2	4855.6
# of reservoirs	8	8	8	8

Watershed Snowpack Analysis April 1, 2016	# of Sites	% Median	Last Year % Median
RIO GRANDE BASIN	19	58%	60%

# **DRY YEAR HYDROGRAPH: 700 af Target Allocation, anticipated watershed yield = 70% avg. inflows**

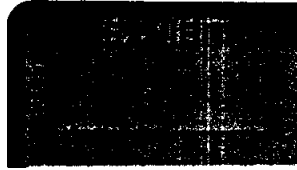


# **2016-17 PLANNED HYDROGRAPH: 740 af Target Allocation, anticipated watershed yield = < 74% of avg. inflows**




# West Alameda Bio-retention Basin

## Draft Design





An aerial photograph of a residential neighborhood. A rectangular area, shaded in a light blue color, is highlighted on a street or driveway. The surrounding area consists of numerous houses with dark roofs and some greenery. A text box is overlaid on the image, pointing to the highlighted area.

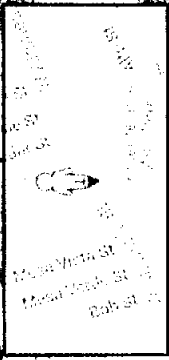
~21,175 ft<sup>2</sup> of impervious area  
(shaded blue) on W. Alameda  
would drain to the basin  
location.

1142 W Alameda St  
Santa Fe, New Mexico  
Street View - May 2015

Basins 1 and 2

Sediment Trap

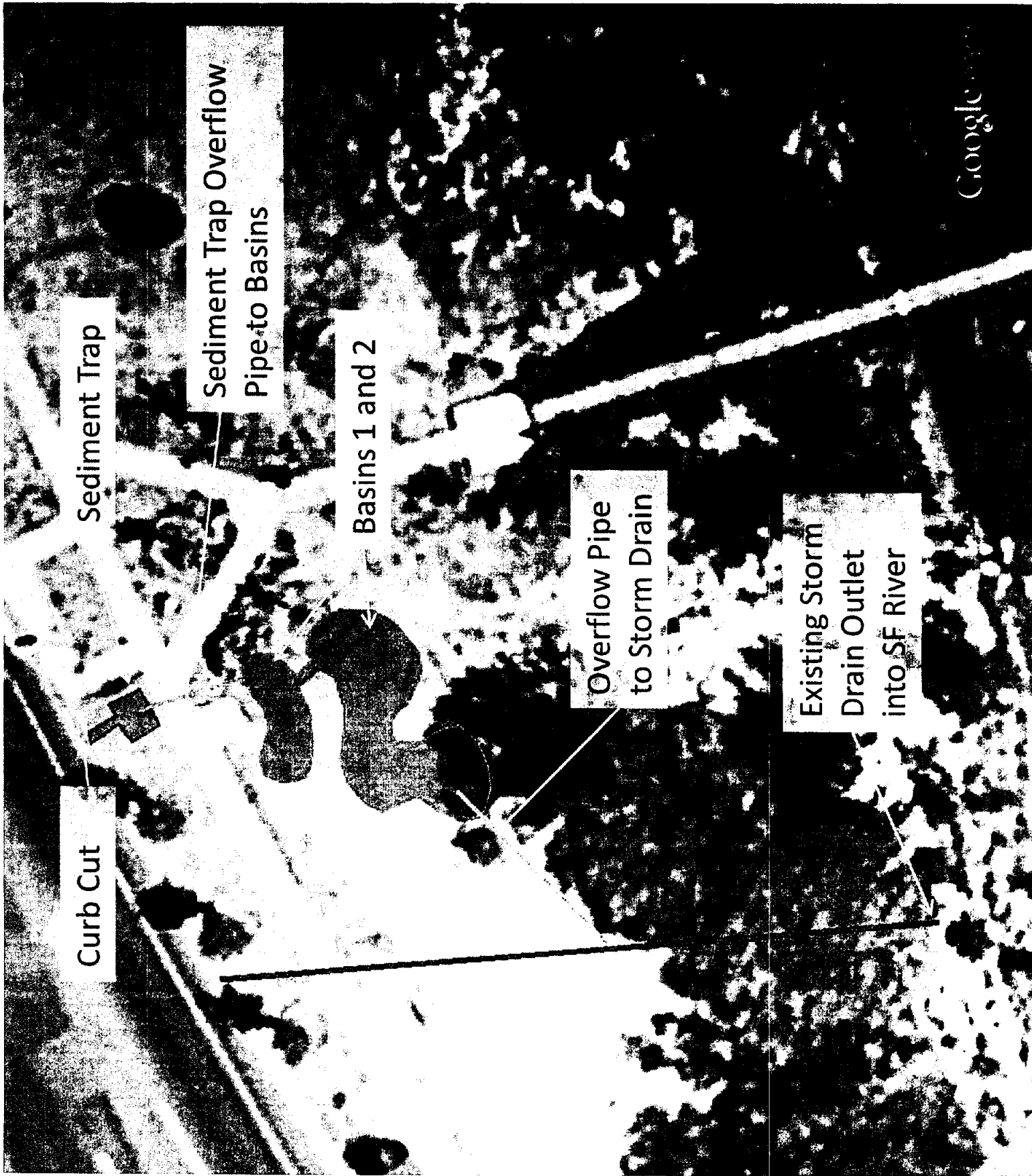
Curb Cut

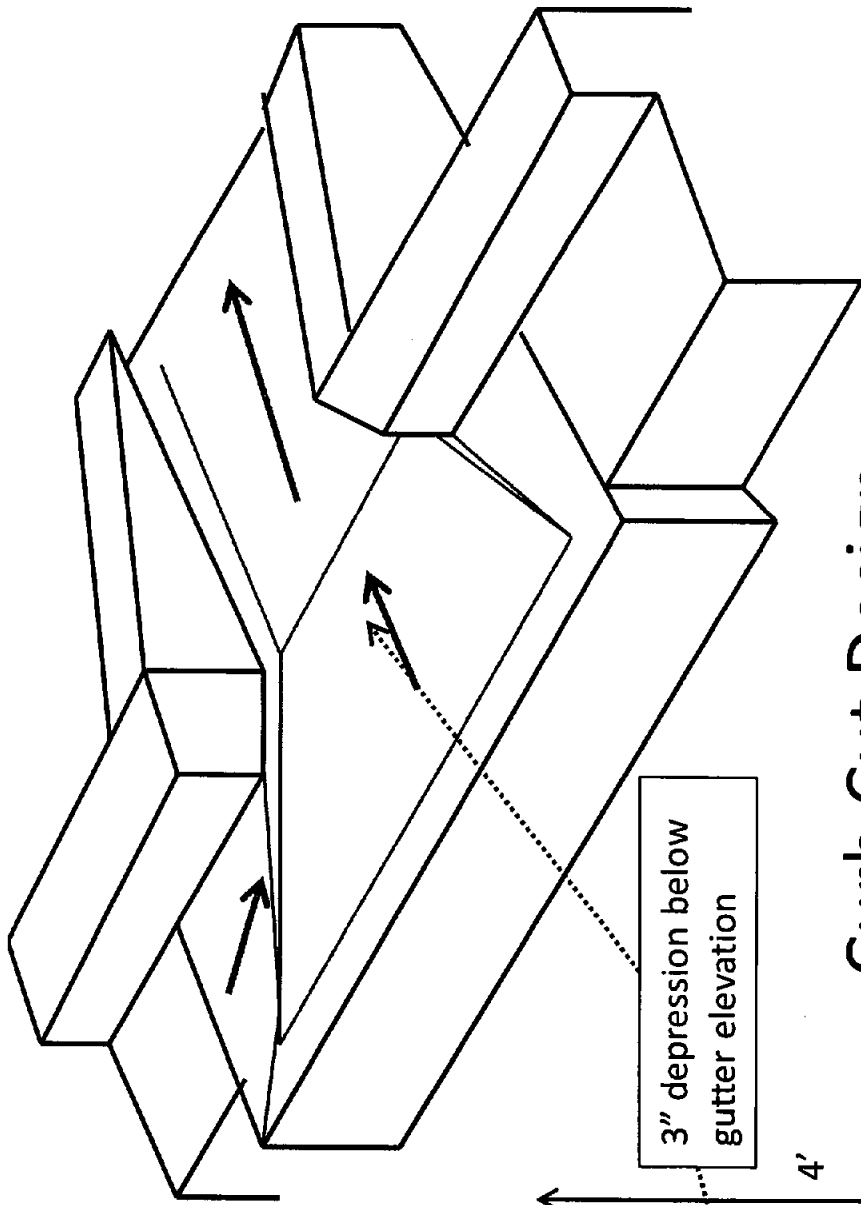


Back to Map

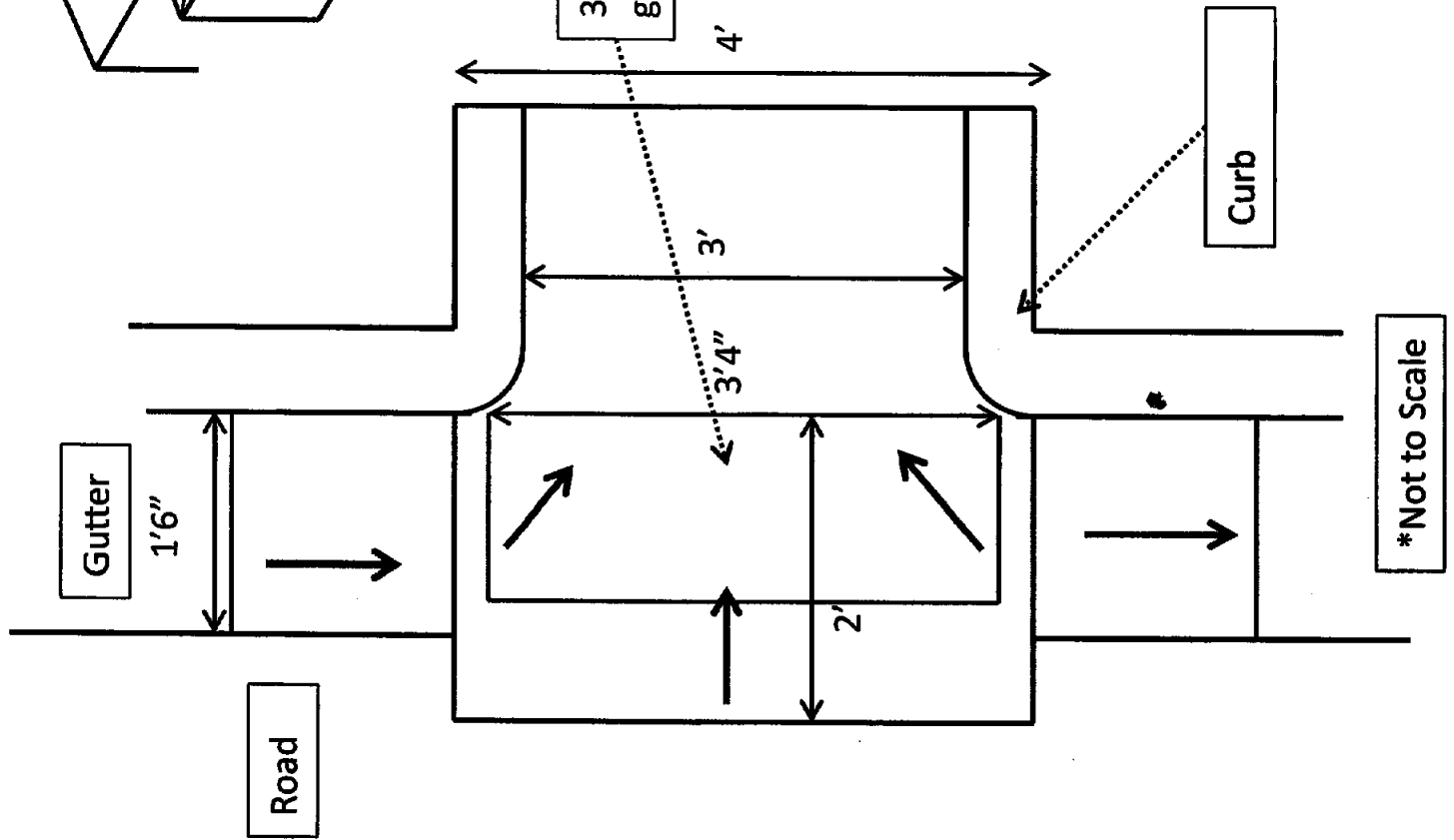
Google

Image capture May 2015 © 2016 Google

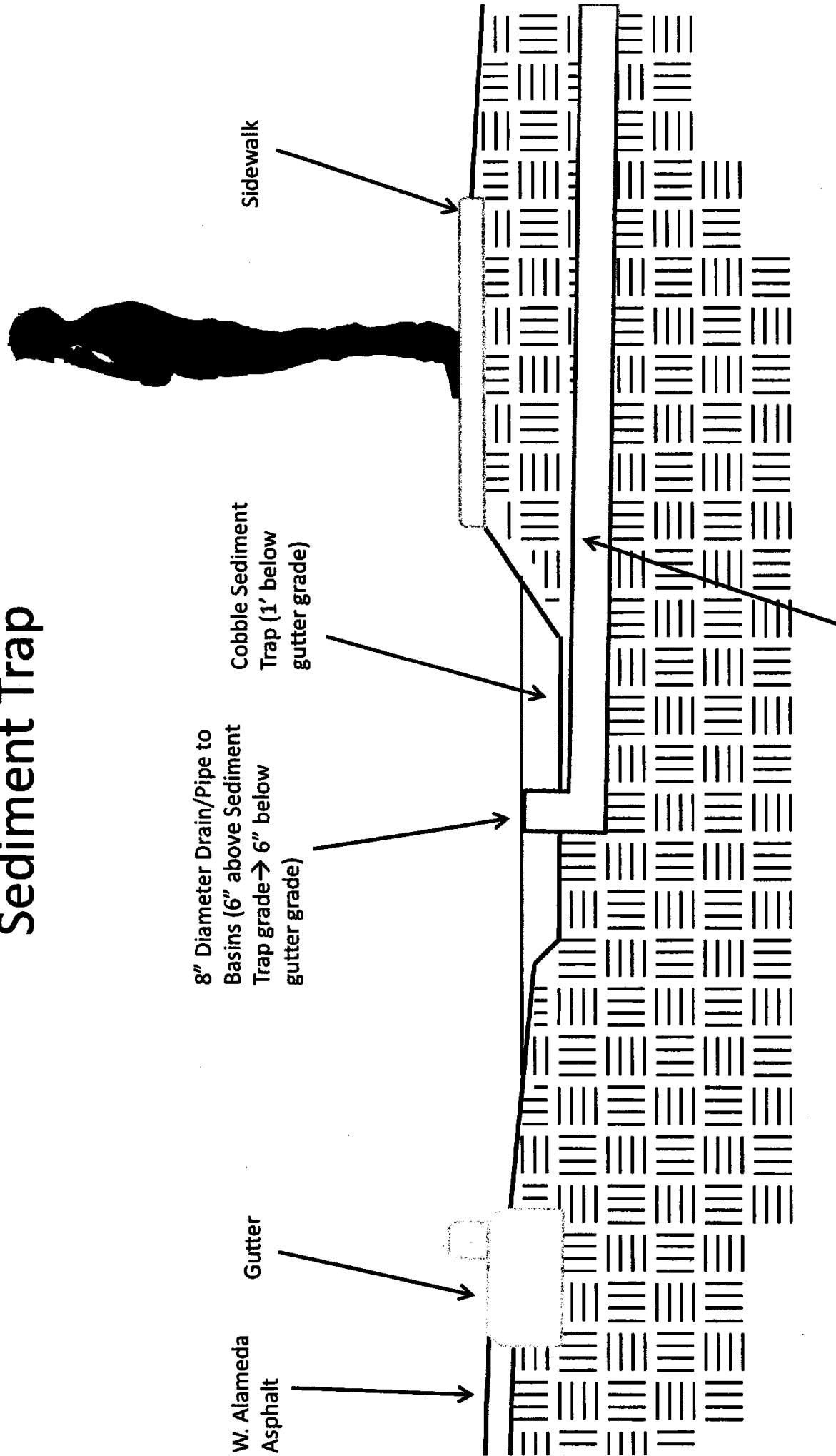




## Curb Cut Design



# Sediment Trap



To Basins  
and SF  
River

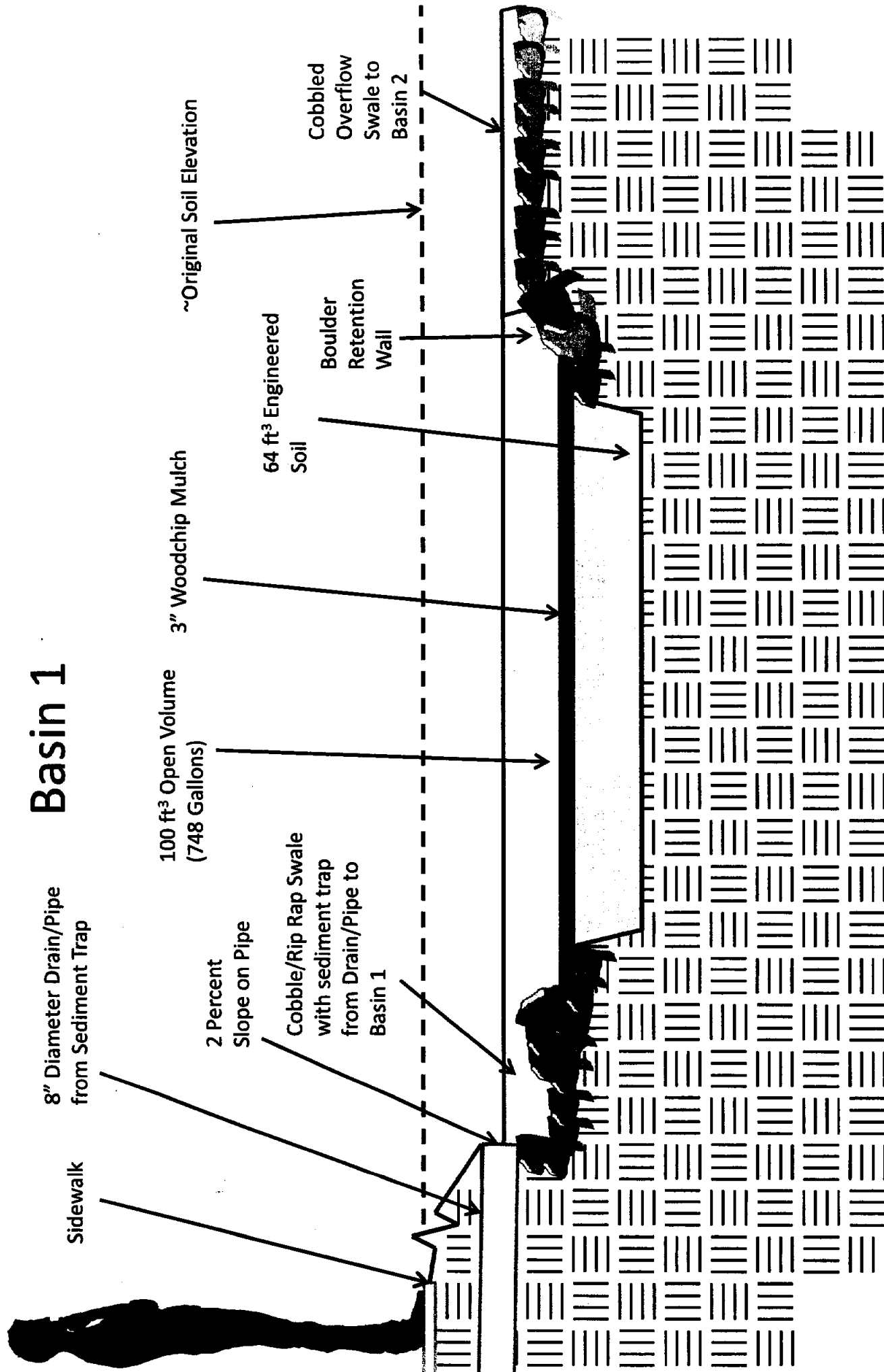
2 Percent Slope on Pipe



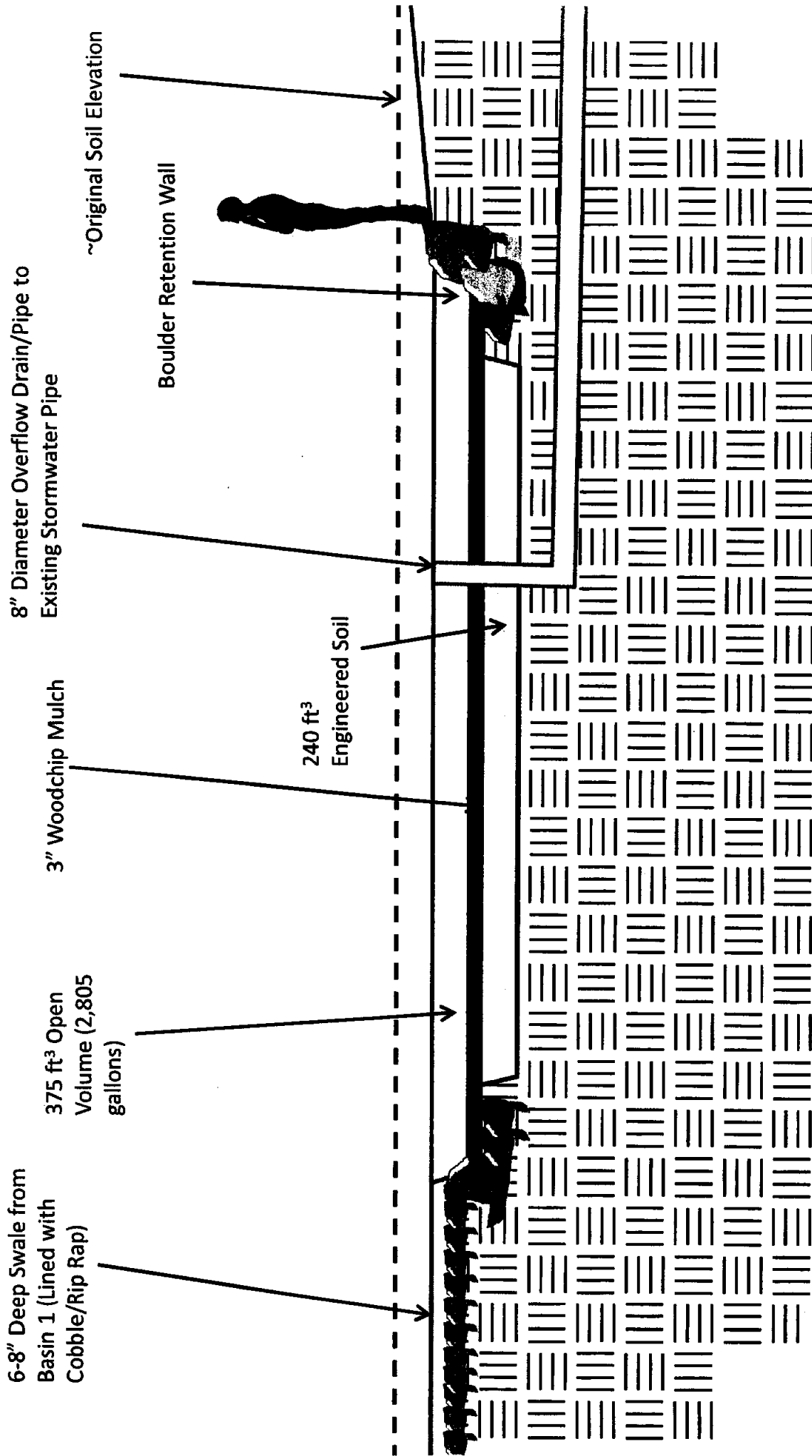
# Example of Sediment Basin and Basin 2 Overflow Drain



# Basin 1



# Basin 2





# Runoff and Basin Characteristics

Location/Unit	Area (sqft)	Estimated Runoff or Catchment (open basin)
W. Alameda Impervious Area	21,175	1056 gallons (0.1 inch storm); 10560 (1 inch storm); 126,711 gallons (annually)
Sediment Basin	35	131 gallons
Basin 1	100	748 gallons
Basin 2	375	2805 gallons
Minimum Catchment		3684 gallons (~0.35 inch storm event)



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



March 8, 2016

### Estimated Costs for Bio-retention Basins at W. Alameda

Melissa,

Please find a table with the anticipated costs to install two basins (~779 ft<sup>3</sup> of open volume and mixed soil media) to capture and filter stormwater from approximately ½ acre of impervious surface from W. Alameda. The basins will include grasses, shrubs, and trees to improve shading, remediation of common pollutants, and habitat improvement. The height of the open volume stone wall will be less than 18 inches (~12 inches exposed above ground). Efforts will be made to solicit volunteers for assistance with planting, mixing soil, etc. to generate community ownership and support for future projects. Please let me know if you have any questions.

Sincerely,

Aaron Kaufman and Andy Otto

Item	Cost
Sand	\$ 309.78
Compost	\$ 288.42
Mulch	\$ 262.92
Stone	\$ 597.71
Vegetation	\$ 721.04
PVC Pipe	\$ 341.19
Soil Excavation Equipment Rental	\$ 3,144.55
Labor	\$ 4,310.89
Total Misc. (Mileage, Curb cut, etc)	\$ 932.42
Total (including GRT)	\$ 11,815.72
Total Funding from <i>Santa Fe Watershed Association</i> Grant	\$ 8,403.62
<b>Total Request from City</b>	<b>\$ 3,412.10</b>

**Working Group 1**  
**Issue: Watershed Revitalization**

<b>Strategic Goal</b>	Update the corridor master plan to reflect climate change and resiliency efforts as they relate to Sustainable Santa Fe's 2040 goals
<b>Objectives</b>	Improving the health of the urban watershed
<b>Tasks</b>	<ul style="list-style-type: none"> <li>• Update the corridor master plan to reflect climate change and resiliency efforts as they relate to Sustainable Santa Fe's 2040 goals. Suggest benchmarks for moving the City forward.</li> <li>• Review plans of newly annexed stretches as they relate to the SF River Corridor Plan.</li> <li>• Improving the health of the urban watershed (incl. arroyos and stormwater): Focusing on infiltration models such as the Alameda Rain Gardens, creating rain-garden districts, and supporting green-Infrastructure efforts and practices for stormwater. better understand issues and solutions</li> </ul>
<b>Members</b>	Zoe Isaacson, Francois-Marie Patorni, Emile Sawyer
<b>Notes</b>	<ul style="list-style-type: none"> <li>• Review Sustainable Santa Fe's 2040 goals and discuss benchmarks</li> <li>• Discuss Santa Fe County Wetlands Action Plan</li> <li>• Review and discuss SF River Corridor Plan</li> <li>• Review Infiltration Models for Rain Gardens</li> <li>• Rain Garden Districts discussion</li> <li>• Porous paving</li> </ul>
<b>Reference Material</b>	<ul style="list-style-type: none"> <li>• SF Watershed Forest &amp; Water Climate Adaptation Plan by Esha Chlocchio</li> <li>• Santa Fe County Wetlands Action Plan by Jan-Willem Jensens</li> <li>• OSU LID Infiltration Facility Calculator (a.k.a. Rain Garden Calculator)</li> <li>• OSU LID Porous Pavement Hydrologic Calculator</li> <li>• Rain Gardens: A how-to manual for homeowners (Wisconsin, DNR)</li> <li>• Urban Waterways: Designing Rain Gardens (NC Coop Extension Service)</li> </ul>
<b>Fiscal Impact</b>	To be determined

**Updates:**

On March 10<sup>th</sup> the **Watershed Revitalization** working group listened to invited speaker Jan-Willem Jensens discuss the Santa Fe County Wetlands Action Plan and how **Watershed Revitalization** group continue assist with it's implementation. Post-meeting discussions continued after March 10th River Commission meeting. Members continued to think about the Watershed Revitalization working group's focus. Current thinking is mostly around city-wide rain garden planning, public education about city wetlands and collaboration with the Species Resiliency working group.

**Santa Fe River Commission**

**Subcommittee: Promoting a Living River**

<b>Strategic Goal</b>	<b>Promote a Living River</b>
<b>Objectives</b>	<b>Identify opportunities to increase flows with in the Santa Fe River</b>
<b>Tasks</b>	<ul style="list-style-type: none"><li>• Santa Fe River Fund – education, promotion, and monitoring</li><li>• NM Beneficial Use Bill: legislative approach for allowing flows increased river flows</li><li>• The acequias traditions - guest farming programs, acequia water rights leasing, and educational opportunities to understand how our acequia history influences our current water plans and initiatives.</li><li>• Encourage expansion of treated effluent management &amp; reclaimed water plans</li></ul>
<b>Members</b>	<b>John Buchser, Phil Bove, Jerry Jacobi</b>
<b>Notes</b>	<ul style="list-style-type: none"><li>• Promote SF River Fund</li><li>• Beneficial Use Legislation</li><li>• Acequia Tradition</li><li>• Treated Effluent Mgmt and Reclaimed Water</li><li>• Partnership Opportunities: Adopt-a-Arroyo</li></ul>
<b>Reference Materials</b>	<b>Santa Fe River Corridor Plan The Santa Fe Acequia Systems City of Santa Fe Reclaimed Wastewater Plan</b>
<b>Fiscal Impact</b>	<b>TBD</b>

**Update:**

**Please see attached response to traffic study request.**

## Species Resiliency

Issue: Promoting species resiliency as climate change alters local ecology

<b>Strategic Goal</b>	Improve species resiliency along the Santa Fe River Corridor
<b>Objectives</b>	Enhance the presence of native, highly adaptable species along the river corridor while limiting the establishment of exotic species
<b>Tasks</b>	<ul style="list-style-type: none"> <li>Identify reaches of corridor that have strong native species establishment as baseline, target areas</li> <li>Identify reaches of river with poor native establishment and large stands of nonnatives</li> <li>Involve community in identification and monitoring of invasive species</li> <li>Promote introduction of drought tolerant and native species to river corridor</li> <li>Work with Watershed Revitalization Committee to improve channel infrastructure and optimize water retention and use within the corridor</li> <li>Develop biological and mechanical strategies for invasive species management</li> </ul>
<b>Members</b>	Emile Sawyer, Dale Doremus, Zoe Isaacson
<b>Notes</b>	N/A
<b>Reference Material</b>	<ul style="list-style-type: none"> <li>City and County GIS and Water Consumption Data</li> <li>Santa Fe Basin Reports and Studies</li> <li>Reports and studies provided by state and local agencies and institutions in reference to CAT I, II, III invasive species management protocols</li> <li>Santa Fe County BISON Species of Concern Report</li> <li>Santa Fe Watershed Association Adaptation Report</li> </ul>
<b>Fiscal Impact</b>	TBD

### Update:

Dale Doremus spoke with Tracy Neal of the Municipal Board regarding inter-commission collaboration; she will update the River Commission at next meeting.

Species Resiliency Group (SRG) plans to meet 4.6.16 and will update Commission with any pertinent information at next River Commission mtg

SRG continues seeking non-commissioned committee members

SRG will continue to explore ways to increase community interest and awareness of challenges facing Santa Fe River Corridor, such as citizen science grps to monitor species

SRG will contact Richard Thompson from the Municipal Tree Board to address salvage plant material protocols at construction zones within the River Corridor

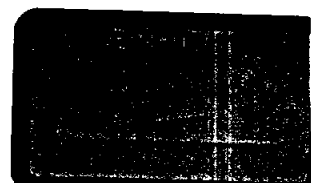
SRG has committed to looking at the existing Corridor Assessment to familiarize ourselves with current issues

SRG is working to better define "Resiliency", and what it means in the context of this commission

Santa Fe River Commission  
 Subcommittee 4 – Outdoor Economy  
 April 4, 2016

Strategic Goal	Promote economic development around recreation and art centered on the Santa Fe River.
Objectives	Identify activities and opportunities to draw the public to the river in a way that benefits the economy on Santa Fe.
Tasks	<ul style="list-style-type: none"> <li>• Identify and engage volunteers to help carry out the tasks below.</li> <li>• Identify opportunities for Art and Recreation based events and activities along the river.</li> <li>• Prepare action plans and promote events focused on Art and Recreation based on the river.</li> <li>• Make recommendations to SF City to improve access to the river.</li> <li>• Engage Santa Fe youth in scientific and artistic engagement with the river.</li> <li>• Coordinate with Santa Fe schools on scientific exploration of the river.</li> <li>• Coordinate with Santa Fe arts organizations on creative exploration of the river.</li> <li>• Engage businesses that could benefit from a vibrant Santa Fe River (such as hotels and shops).</li> <li>• Explore expanded recreational opportunities throughout the Santa Fe watershed.</li> <li>• Outline a communication strategy to support the above tasks.</li> <li>• Prepare an interim strategic plan (maximum ten pages) to report on progress and outline the way forward.</li> </ul>
Members	Luke Pierpont, Anna Hansen, FM Patorni
Notes	<ul style="list-style-type: none"> <li>• LP to continue engagement with SFAI water rights residency program.</li> <li>• Emphasize river access on upcoming river infrastructure projects</li> <li>• AH to coordinate with schools on science projects based on the Santa Fe River, consider incentives to encourage such projects.</li> <li>• Pending PNM Foundation grant select locations for additional benches and bike racks along the river to encourage visits to the river.</li> <li>• Provide opportunities for community service.</li> <li>• Engage other stakeholders, such as the Santa Fe Watershed Association and other organizations.</li> </ul>
Reference Materials	TBD
Fiscal Impact	TBD

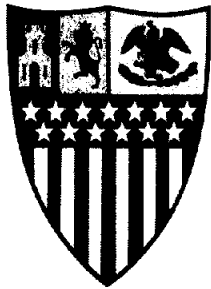
Update:



Committee members, in coordination with City of Santa Fe staff members and the Santa Fe Watershed Association, drafted and submitted a grant application to the PNM Foundation under its Power Up program requesting funding for benches and bicycle racks for five locations along the Santa Fe River. The PNM Foundation will announce grant awards for the Power Up grant in mid May 2016. A grant award will allow the City of Santa Fe and Santa Fe Watershed Association to improve the function of the Santa Fe River Trail as a park by providing locations for relaxing along the river, as well as places to secure a bicycle for further exploration of the Santa Fe River and its developing riverine ecosystem.

	Project Number, Name, & Limits	Project Status-- April 5, 2016
Melissa McDonald River Watershed & Trails	CIP #412A Small Drainage Projects -SF River at St. Francis Guage	Install complete. Re-seeding pending 4/5/2016
Melissa McDonald River Watershed & Trails	CIP 412A, Small Drainage Projects & Repairs, Bishops Diversion displaced boulder in cross vane structure	On-Call repair with Lockwood. Repair estimate have been requested 6/12/15. On-hold pending other work & funding
Melissa McDonald River Watershed & Trails	CIP 500 B, Drainage repair cross vanes @Nopal -- moved boulders (SF River Trail around Don Jose Loop)	95% Design complete. Construction pending.
Melissa McDonald River Watershed & Trails	CIP 412A, Small Drainage Projects & Repairs	Final design Souder Miller Associates (SMA) for grade control and bank adjacent to Alto Park @ Camino Alire. Kick-off meeting 11/15; 100% Final Design 12/15. Bid 2/15. City Council approval 4/13/16 construction pending
Melissa McDonald River Watershed & Trails	CIP #413D Arroyo & Watershed Improvements, Arroyo Chamiso	Bid Cancelled. To be rebid Spring 2016
Melissa McDonald River Watershed & Trails	Arroyo de los Pinos, identified erosion	Souder Miller/Sites SW 30% study complete
Melissa McDonald River Watershed & Trails	SF River @ La Joya, Just passed Ricardo Bridge. Steep erosion on south bank identified.	Evaluation in progress. Cost estimate being developed
Melissa McDonald River Watershed & Trails	Arroyo Chamisos Trail @ Gail Ryba (Near St. Francis)	Construction Work completion 12/27/15. Re-seeding needed to complete.
Melissa McDonald River Watershed & Trails	Youth Work Training RFP	City Council 4/13/16. Pursing YCC grant application
Melissa McDonald River Watershed & Trails	Rain Gardens project @ W. Alameda & Sloomoro St.	Site visit 10/1, evaluation in progress. Matching grant identified/SF River Fund. Proposal in process with non-profit partner. Spring construction pending
Melissa McDonald River Watershed & Trails	Adopt-the-River Program RFP	On-going--Adopt-a-River program with SF Watershed Association. New RFP pending Spring 2016
Melissa McDonald River Watershed & Trails	Arroyo Assessment of 10 major arroyos	Santa Fe Watershed Association, Kick-off 11/15. Work begun, completion 5/30/16
Leroy Pacheco River Watershed & Trails	CIP # 859A Acequia Trail Crossing @ St. Francis/Cerrillos	Bid opening 4/5/16
James Martinez--River Watershed & Trails	CIP #460D SF River Trail/E. Alameda Ped Improvements, Small Sidewalks Improvements -- From El Alamo to Patrick Smith Park Driveway	Design Phase --Completed by Santa Fe Engineering & Consulting (SFEC); Cooperative Agreement between CoSF and NMDOT executed; Advertised RFB on 11/2/2015, Apparent Low Bidder was GM Emulsion; NMDOT and City of Santa Fe Reviewing Bid tabulations; Notice to Proceed anticipated to be on 2/1/2016. Construction anticipated 4/16
James Martinez -- River Watershed & Trails	CIP # 460B-2 SF River Trail Improvements & Connections (Phase II), Camino del Campo & Candelario, St. Francis Drive to Camino del Campo, Near La Madera at the Santa Fe River Trail, Improved Trail Connection at Paseo de la Conquistadora to River Trail, Improved trail connection from Camino de Chelly to Frenchy's walkways.	Construction Phase - LBG; Phase II (Area B including downtown trail extension east of Del Campo to Don Gaspar) Planning to bid for Construction mid-January, Anticipate Construction Start after East Alameda Ped. Improvement Project.
Michelle Martinez-- River Watershed & Trails	CIP #428A Santa Fe River Trail Drainage Repair at Nopal; Santa Fe Engineering (Design) HO Construction, Inc. (Construction)	Construction complete, pending paperwork and As Builds from contractor
John Romero-- River, Watershed & Trails	River Trail Crossing @ St. Fran/W. Alameda	Council reallocated \$1.8 Million away from this project and altered the scope from an underpass project to an at-grade crossing. Leaving \$200k budget, \$77,515.94 was previously paid to Parsons Brinckerhoff (PB) for original scope. CC approved new scope Feb.11, 2015 with Parsons Brinckerhoff Pending transfer of funds, construction to design
John Romero-- River, Watershed & Trails	CIP 823 Defouri/Guadalupe St. Bridges	Design Complete Bids to be opened 1/13/16 Construction Notice to Proceed is scheduled for 3/7/16. Project time is 150 calendar days.





# City of Santa Fe, New Mexico

200 Lincoln Avenue, P.O. Box 909, Santa Fe, N.M. 87504-0909  
[www.santafenm.gov](http://www.santafenm.gov)

*Javier M. Gonzales, Mayor*

**Councilors:**

Signe I. Lindell, Mayor Pro Tem, Dist. 1

Renee Villarreal, Dist. 1

Peter N. Ives, Dist. 2

Joseph M. Maestas, Dist. 2

Carmichael A. Dominguez, Dist. 3

Chris Rivera, Dist. 3

Ronald S. Trujillo, Dist. 4

Mike Harris, Dist. 4

April 4, 2016

Dear Santa Fe River Supporter:

Springtime flows of the Santa Fe River have begun! We are excited to once again be hosting the Annual Children's Fishing Derby & River Festival to be held on **Saturday, June 4, 2016**.

Fishing will take place from El Parque Del Rio at Don Gaspar Ave & Alameda (Santa Fe River Park), upstream to Old Santa Fe Trail (adjacent NM State Land Office). Our state partner, New Mexico Game and Fish will stock the river with 500 trout. Youngsters, 11 years old and under are allowed to fish for free from 7 am until noon. Older enthusiasts can join in at noon.

We will continue our tradition of giving out prizes to kids who participate and catch a trout. As we have in the past, we are reaching out to our business community, non-profits, and city departments to help us meet this goal.

If you can help support this terrific event by donating a prize please contact Carlos Sanchez at [cmsanchez@santafenm.gov](mailto:cmsanchez@santafenm.gov) or call 955-2146.

Thank you for your consideration.

Sincerely,

Melissa McDonald, RLA  
River & Watershed Coordinator  
City of Santa Fe New Mexico  
955-6840  
[mamcdonald@santafenm.gov](mailto:mamcdonald@santafenm.gov)