

*S.S.C.A.F.C.A.*

**ESTABLISHED JUNE 1, 1990. OFFICE BUILDING DEDICATED DECEMBER 17, 2002**



**SOUTHERN SANDOVAL COUNTY  
ARROYO FLOOD CONTROL AUTHORITY  
ANNUAL REPORT  
2004**

*Authority Information*



SSCAFCA BOARD ROOM

**BOARD OF DIRECTORS**

**William C. “Dub” Yarbrough – Chairman**  
**John Chaney, Vice Chair**  
**Mark Conkling, Treasurer**  
**Richard Deubel, Secretary**  
**Donald A. Rudy, Director**

**Budget Committee**

**Mark Conkling**  
**Donald A. Rudy**  
**Perry Baird**  
**David Stoliker**

**David Stoliker, Executive Director**

**Executive Committee**

**William C. “Dub” Yarbrough**  
**John Chaney**  
**David Stoliker**

**Personnel Committee**

**William C. “Dub” Yarbrough**  
**Richard Deubel/Donald Rudy**  
**Bernard Metzgar**  
**David Stoliker**

## SSCAFCA's Vision

# Flood Control Today ~ For A Safe Tomorrow



*Using resources efficiently.* SSCAFCA has integrated many water saving features into the landscaping such as this one on the south side of the office.

*One of the many innovative ideas incorporated into the design of the SSCAFCA office is shown above. Rainwater flows from the roof into a gutter, down a channel and into this small containment area for the heat and drought tolerant Kentucky Coffee Tree, (shown here in winter) providing both irrigation and drainage control.*

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## Purpose of the Annual Report

SSCAFCA has prepared this annual report identifying, listing and briefly summarizing project updates, staff changes, funding capacities, etcetera to show a snapshot of the organization. This information is provided to all four governmental entities within our jurisdiction (i.e., Bernalillo, Corrales, Rio Rancho and Sandoval County) and other interested parties for their information. SSCAFCA believes that government works best when governments cooperate and that cooperation starts with trust. It is our intent to provide this information to you to build trust.



### SSCAFCA'S MISSION STATEMENT:

**TO PROTECT CITIZENS AND PROPERTY BY:**

**IMPLEMENTING PROVEN FLOOD SOLUTIONS THAT:**

- 1. MANAGE OUR WATERSHEDS PRUDENTLY FOR FUTURE GENERATIONS**
- 2. ENHANCE THE QUALITY OF LIFE**
- 3. CREATE THE MOST APPEALING MULTI-USE FACILITIES**
- 4. SET AN EXAMPLE OF QUALITY, INTEGRITY, LEADERSHIP AND PROFESSIONALISM**
- 5. EDUCATE THE PUBLIC CONCERNING FLOOD HAZARDS**
- 6. ADMINISTER PUBLIC FUNDS PRUDENTLY**

## Section I The Year in Pictures



READS breakfast, March 27, 2004



The READS (Rainfall Event And Data System) Breakfast is held annually at the SSCAFCA office to thank our volunteers for their efforts throughout the year collecting and monitoring rainfall data.



On April 24, 2004 SSCAFCA participated in the "Keep Rio Rancho Beautiful" program to clean up eleven tons of trash from the Venada Arroyo. SSCAFCA was recognized by the City of Rio Rancho with an award for Outstanding Volunteerism.



**Ducks enjoying the rain at Roskos Field Pond and Staff barbecue (Summer interns Sarah, right front and Anne, right center).**



**Cleaning the Harvey Jones Channel in November**



**2 acres of the Harvey Jones Channel inlet is programmed for cleaning two times per year and inspected after every major rain event ( 1/2 inch or more)**

## Section 2. Financial Highlights

**4.1 FY2004 BUDGET vs. ACTUAL** – The FY2004 budget was approved by the Board on April 15, 2003 and approved by the NM DFA Local Government Division (DFA-LGD) on June 3, 2003. With frugal management by staff, SSCAFCA was able to accomplish its mission and save \$355,882 in its general fund during FY2004, as shown in the table below.

	General Fund	Debt Service Fund	Total
Appropriations	\$1,078,126	\$798,051	\$1,876,177
Actual expenditures	<u>722,244</u>	<u>798,050</u>	<u>1,520,294</u>
Surplus/(deficit)	\$355,882	1	\$355,883

**4.2 FY2005 BUDGET** – The FY2005 budget was approved by DFA-LGD on August 13, 2004. A copy of the approved FY2005 SSCAFCA budget is included on page 37 of this report.

Property tax rates stayed the same in FY 2005 as assessed in FY 2000 through FY2004, as follows:

	FY2000	FY2001	FY2002	FY2003	FY2004	FY2005
Operating (Mills)	0.761	0.761	0.761	0.761	0.761	0.761
Debt Service (Mills)	0.870	0.870	0.870	0.870	0.870	0.870

A graph showing SSCAFCA's tax rates and annual property tax revenue since inception is shown on the next page. SSCAFCA's total assessed property valuation went up 6.83% in Tax Year 2004 (FY2005) over Tax Year 2003 (FY2004).

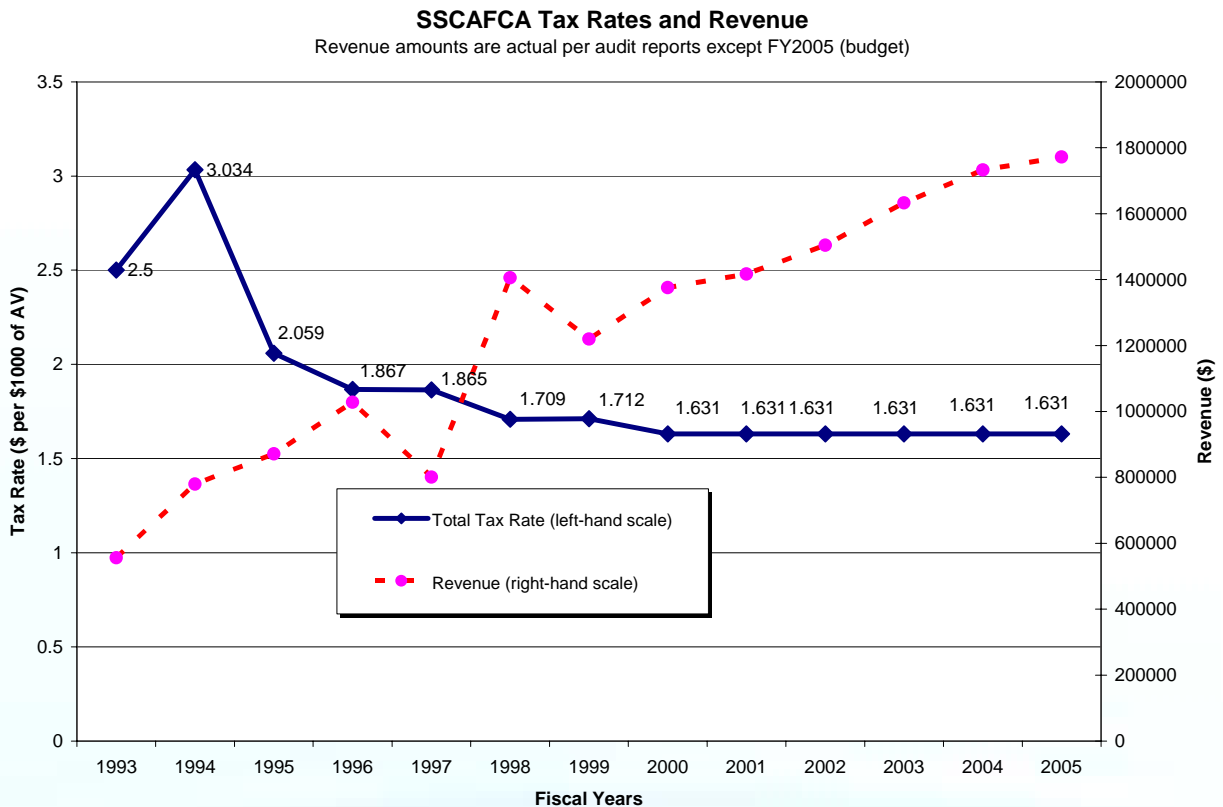
**4.3 BANKING AND CASH MANAGEMENT** – Funds received by SSCAFCA are initially deposited into the Wells Fargo Bank checking account. Funds not needed for immediate disbursement are invested in the State Treasurer's Office Local Government Investment Program (LGIP). Interest rates on funds invested in the LGIP remained low throughout 2004: 1.81% in January 2004 and 1.92% in December 2004.

**4.4 GENERAL OBLIGATION BOND ELECTIONS** - The Board approved putting a SSCAFCA G.O. Bond question on the general election ballot on November 2, 2004. Voters were asked to approve \$6 million in general obligation bonds for SSCAFCA projects. Currently there are 43,919 registered voters in SSCAFCA's jurisdiction and of that number a total of 28,737 voters approved the question by a margin of almost two to one, or 18,230 votes for and 10,507 against.

**4.5 ANNUAL FINANCIAL AUDIT** – The CPA firm of Mackie, Reid and Co. completed their financial audit of SSCAFCA's accounts and records for the fiscal year ended June 30, 2004



(FY2004) on September 16, 2004, which is more than 60 days ahead of the December 1st deadline. FY2004 is the first year SSCAFCA is required to implement GASB No. 34 which provides for capital assets such as infrastructure and land to be valued and shown on the financial statements. The cost for the FY2004 audit was \$7,800. The auditor gave a “clean” opinion. A copy of the audit report can be obtained by contacting SSCAFCA and is available on our web site at [www.sscafca.org](http://www.sscafca.org).



### 2.5 Goals for 2005

- Increase funding to purchase additional Right of Way
- Begin the contract process for Right of Way negotiator
- Purchase a 4-WD truck for operations and maintenance.

### Section 3 Administration

**3.1 POLICY AND PROCEDURES REVIEW:** The Personnel Committee met 3 times in 2004 to review the Personnel policy. This review is on going and will be continued in 2005.

### **3.2 CURRENT PROFESSIONAL SERVICES CONTRACTS:**

	<u>Contract Date</u>	<u>End Date</u>	<u>New RFP Required</u>
<b><u>Engineers</u></b>			
Stantec	2/19/2002	2/19/2006	Jan-06
Huitt Zollars	2/19/2002	2/19/2006	Jan-06
Bohannan Huston	2/19/2002	2/19/2006	Jan-06
ASCG	2/19/2002	2/19/2006	Jan-06
<b><u>Surveyors</u></b>			
Surveying Control	2/19/2002	2/19/2006	Jan-06
Huitt Zollars	2/19/2002	2/19/2006	Jan-06
Community Science	2/19/2002	2/19/2006	Jan-06
Bohannan Huston	2/19/2002	2/19/2006	Jan-06
ASTS	2/19/2002	2/19/2006	Jan-06
Albuquerque Svy.	2/19/2002	2/19/2006	Jan-06
<b><u>Fencing Contract</u></b>			
Sunny Fence	2/19/2002	2/19/2006	Jan-06
<b><u>Janitorial Service</u></b>			
Connies Complete	7/23/2001	7/23/2005	May-05
<b><u>Legal Services</u></b>			
Bond Counsel <i>Hughes &amp; Strumor</i>	7/28/2003	7/28/2007	Apr-07
General Counsel <i>Lamb, Metzgar etc.</i>	6/18/2004	6/18/2008	Mar-08
<b><u>Financial Services</u></b>			
Accountant <i>P. Baird</i>	2/17/2004	2/17/2008	Nov-07
Advisors <i>Dain Rauscher</i>	7/20/2004	7/20/2008	Apr-08
	7/20/2004	7/20/2008	Apr-08
<b><u>Auditor</u></b>			
Mackie Reid	6/18/2004		\$7,800
<b><u>Appraisal Services</u></b>			
Roos & Owen	6/18/2004	6/18/2008	Mar-08

Godfrey	6/18/2004		6/18/2008	Mar-08
<b><u>Telecommunication</u></b>				
CDI	8/25/2004		8/25/2008	May-08
<b><u>Insurance Services</u></b>				
Manuel Lujan Agency		1/3/2005		1/3/2009
NM Mutual W/C	9/17/2004		10/17/2005	
<b><u>Website</u></b>				
MIS	2/18/2003			\$20,000
Peter Baston	9/14/2004			\$5,000
<b><u>Copier Maintenance</u></b>				
Southwest Copy Sys			Annual	
Imaging Concepts			Annual	
<b><u>Executive Director</u></b>				
David Stoliker	7/20/2004		Annual	

**3.3 TRAINING AND EDUCATION:** Staff members attended the following training and education courses in 2004: 27 Computer courses; 18 Training courses and conferences

### **3.4 CURRENT STAFFING**

SSCAFCA currently employs 5 full time employees.

David Stoliker, Executive Director

Robert Foglesong, Drainage Engineer

James Service, Field Operations Coordinator

Laura Davis, Special Projects, R.O.W., Web Site Administrator

Erica Baca, Administrative Assistant

Additionally, SSSCAFCA hired two summer interns in 2004.

Sarah Stoliker

Anne Mitchell

### **3.5 MAJOR PURCHASES**

In 2004 SSSCAFCA purchased a Kyocera color copier/scanner, had safety hand rails installed at the front entrance and an awning on the west side of the building.

### **3.6 SUMMARY OF ACCOMPLISHMENTS:**

- All administrative & project records were gleaned, organized and permanently filed.
- All maps and plats were gleaned, organized and permanently filed.
- Standardized recurring correspondence for efficiency.
- Personnel job descriptions were updated and re-written.
- Staff prepared a complete wage and benefit comparison for each job and employee.
- Personnel review forms and procedures were produced and reviews were on performed on all personnel.
- All significant computer generated documents and files were digitized.
- Two Board members were elected: 1) William C. “Dub” Yarbrough was re-elected and 2) Steven House will replace Richard Deubel. Total votes were as follows: Deubel – 9680; House – 17,194; Yarbrough – 16,403.
- Deferred Compensation was approved on July 20, 2004 as a benefit to the staff. The program is entirely paid by staff with no match or funding by SSCAFCA. Staff was unanimous in their support of having the program offered as it allows for saving prior to taxation.
- NPDES Storm Water Quality Resolution was approved by the Board on February 17, 2004. (See page 39)
- A \$6,000,000 Bond issue was passed by the voters. Staff prepared and printed all brochures in house. Staff held a candidates forum , inviting all candidates in this jurisdiction to meet with any interested citizens for an informal question and answer period..

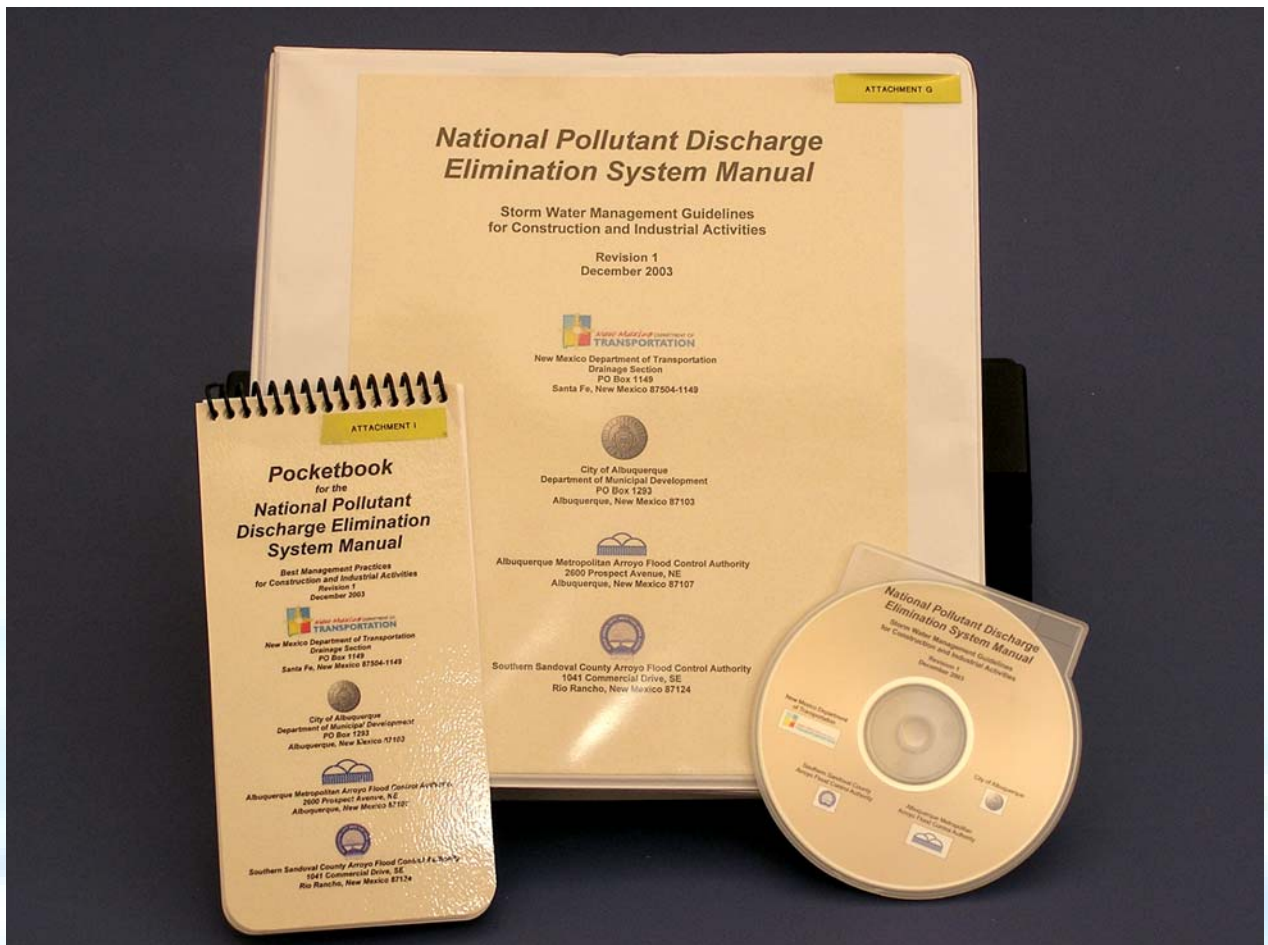
Below is the official Bond Question as seen on the ballot.

#### **2004 Bond Question**

**Shall the Southern Sandoval County Arroyo Flood Control Authority be authorized to issue its general obligation bonds in the principal amount not exceeding \$6,000,000 for the extension, betterment, alteration, reconstruction, repair and other improvement of the Authority’s flood control system?**

### 3.7 Goals for 2005

- Design an addition to the building for additional record storage and office space.
- Complete a privacy wall around the office building
- Upgrade furniture in the conference room, kitchen and Executive Directors office
- Replace at least one obsolete computer and printer
- Update HVAC service
- Upgrade the current book binding machine



NPDES Manual completed by SSCAFCA in cooperation with AMAFCA, NMDOT, Albuquerque and the University of New Mexico in 2004.

## **Section 4 Planning, Development & Right of Way**

### **4.1 PLANNING AND DEVELOPMENT**

2004 was a banner year for planning and development within SSCAFCA's jurisdiction. Major accomplishments include:

- Establishment of a pick-up box in the Public Works Department of the City of Rio Rancho.
- This allows City and SSCAFCA staffs to more readily disseminate and receive information.
- The Board authorized staff to review and approve dry utility crossing (PNM, AT&T, et al) of arroyos, which has greatly improved the efficiencies with which SSCAFCA can meet the development needs of the community.
- The development and project filing systems were organized, gleaned and standardized, which has improved the efficiencies associated with file retrieval and is a first step in tying system.
- A development submittal tracking system was started to insure timely reviews of the development information submitted.
- Drainage Policy Amendment 2004-1 was approved by the Board which mandates that water quality features be included in all detention facilities in SSCAFCA's jurisdiction.
- Standard designs for NPDES considerations were developed, approved and disseminated to the public, engineering community, and contractors.
- Drainage Policy Amendment 2004-1 (see page 41) was approved which directs SSCAFCA to obtain fee simple or easement ownership of all publicly owned storm water retention/detention facilities constructed within major subdivision and to assume operations and maintenance of those facilities.
- The Board accepted the Lower La Barranca Drainage Facility Plan on July 20, 2004. This document was prepared for the City of Rio Rancho and provides a plan to address drainage needs of the Barranca Arroyo from NM 528 to the Rio Grande.
- The Board accepted a letter agreement with the developers of Arroyo Vistas Subdivision, which is located in Bernalillo County just south of the County line. The agreement requires the developer to provide for sufficient conveyance capacity through their development to allow the upstream basin, which is the Rainbow Tributary, to continue to develop. The developer will also acquire 6 acres of land, to be deeded to SSCAFCA, at the flowage entrance to their development to construct a water quality facility, or provide SSCAFCA with \$200,000 in lieu of land.

- Two large bulk plats, Mariposa & Cabezon, were approved which paved the way for seven of the thirteen subdivisions that were reviewed for compliance with SSCAFCA’s Drainage Policy. These thirteen subdivisions, with pertinent information, are shown in the table below.

<i>Subdivision</i>	<i>Acreage</i>	<i>Dwelling Units</i>	<i>Developed Discharge (cfs)</i>
<b>Tierra de Corrales</b>	<b>100</b>	<b>100</b>	<b>27</b>
<b>Northern Meadows Unit 11</b>	<b>93</b>	<b>494</b>	<b>277</b>
<b>Northern Meadows Units 14 &amp; 15</b>	<b>76</b>	<b>286</b>	<b>163</b>
<b>Northern Meadows Units 20A &amp; 20B</b>	<b>30</b>	<b>147</b>	<b>55</b>
<b>Desert Ridge Subdivision</b>	<b>11.85</b>	<b>72</b>	<b>45</b>
<b>Enchanted Vista Apartments</b>	<b>17.68</b>	<b>174</b>	<b>65</b>
<b>Astante @ Cabezon</b>	<b>68.5</b>	<b>326</b>	<b>254</b>
<b>Rancho Oro/Plata @ Cabezon</b>	<b>47.12</b>	<b>236</b>	<b>164</b>
<b>Arbolera @ Cabezon</b>	<b>11.88</b>	<b>34</b>	<b>33.3</b>
<b>Yucatan @ Cabezon</b>	<b>73.7</b>	<b>397</b>	<b>229</b>
<b>Desert View @ Mariposa</b>	<b>99.52</b>	<b>52</b>	<b>163</b>
<b>Desert Highland @ Mariposa</b>	<b>66.73</b>	<b>38</b>	<b>120</b>
<b>Venada Estates @ Mariposa</b>	<b>35.76</b>	<b>28</b>	<b>130</b>
<b>Total</b>	<b>731.74</b>	<b>2384</b>	<b>1725.3</b>

## CABEZON PHASE I

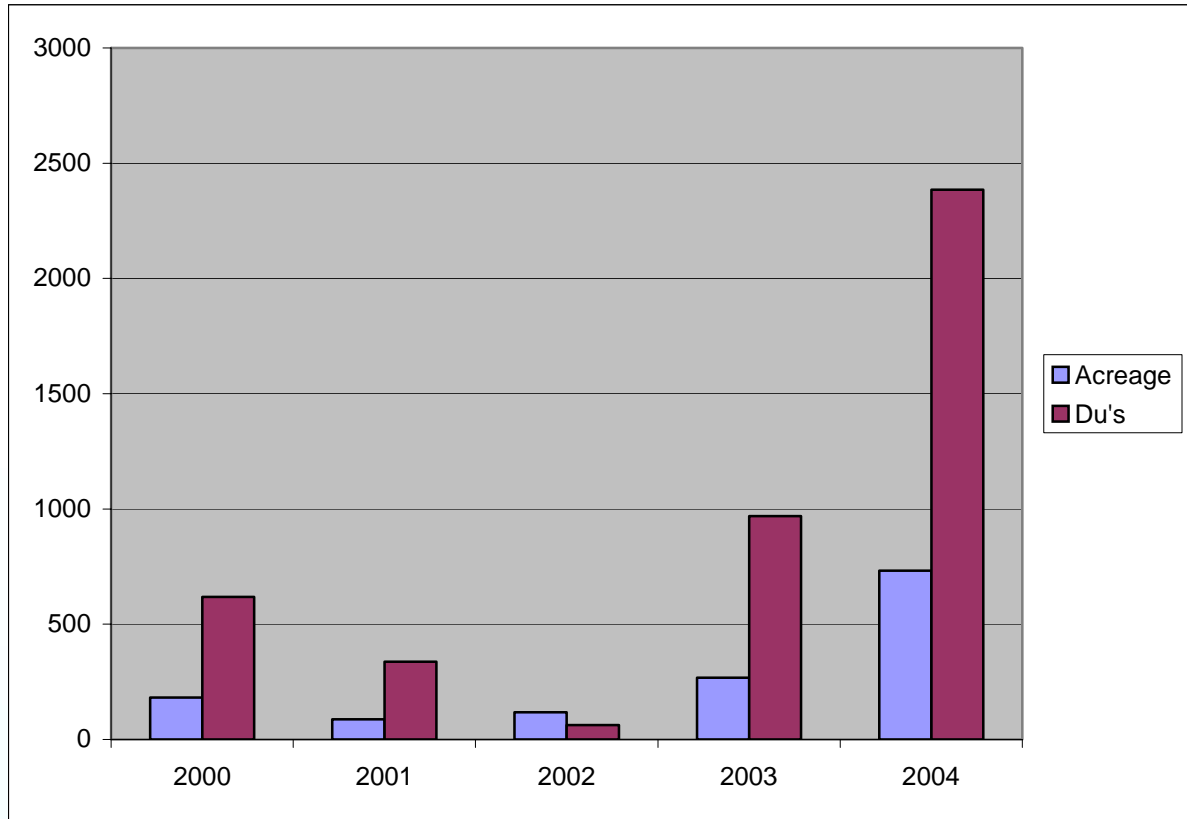
Phase I of the Cabezon Development drainage infrastructure was substantially completed in 2004. 84” at the south at the Trailside Pond energy dissipater to 52” at the north at Western Hills and Southern Blvd. In order for this phase to be completed the Trailside Pond needs final design and approval.



**Placement of 72 inch RCP in Phase 1 of Phase 1 of Cabezon Development in Rio Rancho**



For comparison, the following graph shows the yearly totals for subdivision acreage and the resulting dwelling units that have been approved by SSCAFCA or its designees since 2000.



#### **4.2 RIGHT OF WAY**

- Lot 92, block 108, Unit 13 in the Montoyas arroyo at the Rio Rancho Sports Complex closed in May paving the way for a new dam site.
- Negotiations were begun in Unit 17, block 164, for a possible exchange of property located in a floodway for property outside the flood area.
- Property declared as excess was put up for sale by the Authority. Lot 1-A in Corrales Heights was sold, and the sale has been approved by the State Department of Finance.
- Over two hundred acres of land was donated to SSCAFCA by AMREP in the Venada and Montoyas Arroyos.
- The Right of Way files have been reorganized and updated.
- Property plats have been updated.
- GASB information has been added to each property file.

Shown below are the Infrastructure summary and the GASB Land and Easement summaries  
**SSCAFCA Land /  
Easement Summary**

<u>Arroyo Watershed</u>	<u>Project</u>	<u>Acreage</u>	<u>Type</u>	<u>Cost</u>	<u>Date Acquired</u>
<b>Venada Arroyo</b>					
	La Bona Tierra Sub.	6.6561	Fee Simple	\$155,211	5/24/02, 8/2/04
	Encantado Channel	85.7267	Easement	\$428,634	7/16/2003
	Unser Dam Site	6.24	Fee Simple	\$132,395	5/6/2004
	Unser Blvd. to Mariposa	99.96	Fee Simple	\$517,400	4/21/2004
	Paseo del Volcan to Unser	150.17	Fee Simple	\$625,000	4/28/2003
	Lower Venada	16.5529	Fee Simple	\$72,708	2/15/02, 5/7/04
	<b>Totals</b>	<b>276.579</b>	<b>Fee Simple</b>	<b>\$1,502,714</b>	
		<b>85.7267</b>	<b>Easement</b>	<b>\$428,634</b>	
<b>Montoya's/Lomitas Negras</b>					
$\$20,000/\text{acre} \times 34.973 =$	Dam 1	34.973	x Fee Simple	\$699,460	3/3/1999
	Dam 4 to 1 Pipeline (Dam 4)	7.632	Easement	\$15,264	3/15/1999
	Dam 4 to 1 Pipeline (Middle)	11.84	Easement	\$23,671	3/3/1999
	Excess Property in Corrales	12.5707	x Fee Simple	\$444,350	see sheet detail
	DCC / HJC	110.2881	x Fee Simple	\$777,232	1984-1993
(Rio Rancho Public Schools)	NM 528 to Saratoga Rd.	14.99	Easement	\$20,236	10/30/2003
	DCC Inlet E. of 528	10.71	x Fee Simple	\$39,740	10/22/2003
	Sportsplex Dam Site	24.34	x Fee Simple	\$157,309	5/1/03,5/25/04
	Northern Blvd. Sedi. Basin	4.55	x Fee Simple	\$7,100	2/23/1994
	Sierra Norte	3.14	Easement	\$4,710	1/27/2003
	<b>Totals</b>	<b>197.4318</b>	<b>Fee Simple</b>	<b>\$2,125,191</b>	
		<b>34.462</b>	<b>Easement</b>	<b>\$63,881</b>	
<b>Rio Rancho Urban Center</b>					
$\$20,000/\text{acre} \times 3.1564 =$	Tree Farm Pond A	3.1564	Fee Simple	\$63,128	11/5/96, 3/24/97

	Urban Pond 4	6.798	Easement	\$39,912	10/17/2000
\$20,000/acre x 1.84 =	Urban Pond 1	1.84	Fee Simple	\$36,800	3/19/1999
	<b>Total</b>	<b>4.9964</b>	<b>Fee Simple</b>	<b>\$99,928</b>	
		<b>6.798</b>	<b>Easement</b>	<b>\$39,912</b>	

<u>Arroyo Watershed</u>	<u>Project</u>	<u>Acreege</u>	<u>Type</u>	<u>Cost</u>	
<b>Corrales West</b>					
\$50,000/acre x 1.0348 x 10%	Tree Farm Pipeline	1.0348	Easement	\$5,174	12/6/1996
\$20,000/acre x 1.6598 =	Tree Farm Pond B	1.6568	Fee Simple	\$33,136	3/24/1997
\$50,000/acre x 1.323 x 10%	Urban Pond 4 Outfall	1.323	Easement	\$6,615	12/6/1996
\$20,000/acre x 1.002 =	Urban Pond 5	1.002	Fee Simple	\$20,040	3/20/1997
	<b>Total</b>	<b>2.6588</b>	<b>Fee Simple</b>	<b>\$53,176</b>	
		<b>2.3578</b>	<b>Easement</b>	<b>\$11,789</b>	
<b>Black Arroyo</b>					
	Office Building	2.7	Fee Simple	\$228,500	3/19/1999
<b>NM 528</b>					
	Roskos Field Pond	4.1224	Easement	\$1,256,000	2/14/2002
	<b>Land Totals</b>	<b>484.366</b>	<b>Fee Simple</b>	<b>\$4,009,509</b>	
		<b>133.4669</b>	<b>Easement</b>	<b>\$1,800,216</b>	
		<b>617.8329</b>		<b>\$5,809,725</b>	

### *4.3 Goals for 2005*

- Review of design standards for the City of Rio Rancho Parks and Recreation Department.
- Evaluation of on-lot ponds for single lot development or single lot development.
- Quality of life planning of arroyos.
- Update mapping with a fly-over of SSCAFCA's jurisdiction.
- Keeping pace with development review given the expected increase in activity generated from Mariposa, Cabezon, Northern Meadows and the Hawk Site and others.
- Establish a priority listing for Right of Way purchasing and increase Right of Way funding.
- Prepare an acquisition manual and a R.O.W. report on the status of all SSCAFCA facilities and property.
- Re-plat and clean up as many SSCAFCA owned lots and easements as possible.
- Purchase Sunset, Sugar, Lisbon, Venada Tributary X and other Dam Sites.

## **Section 5 Design and Construction**

**5.1** During 2004, the following design and construction projects were started, continued or completed:

1. Large area-wide jurisdictional maps were prepared and mounted on the office walls.
2. Started design standards for SSCAFCA signage and NPDES storm water quality facilities.
3. Started designs on the Sugar, Lisbon, Sunset and Unser Dam sites.

Due to a lack of bond funds, no construction was performed by SSCAFCA in 2004.



**Construction in Unit 15, Northern Meadows**

### ***5.2 Goals for 2005:***

- Complete designs on the Sunset Dam, Sportsplex Dam and Sugar Dam.
- Construct the Obregon Road and Enchanted Hills Elementary School Drainage improvements and the Saratoga crossing..
- Continue work on SSCAFCA standard design details and GIS mapping effort.
- Reconstruct and fence Northern Sedimentation Pond.
- Prepare RFP for specific concrete work within facilities in our jurisdiction.



**Rip Rap Drop structure constructed in the Venada Arroyo tributary in the Mariposa Subdivision**

## **Section 6 Operations and Maintenance**

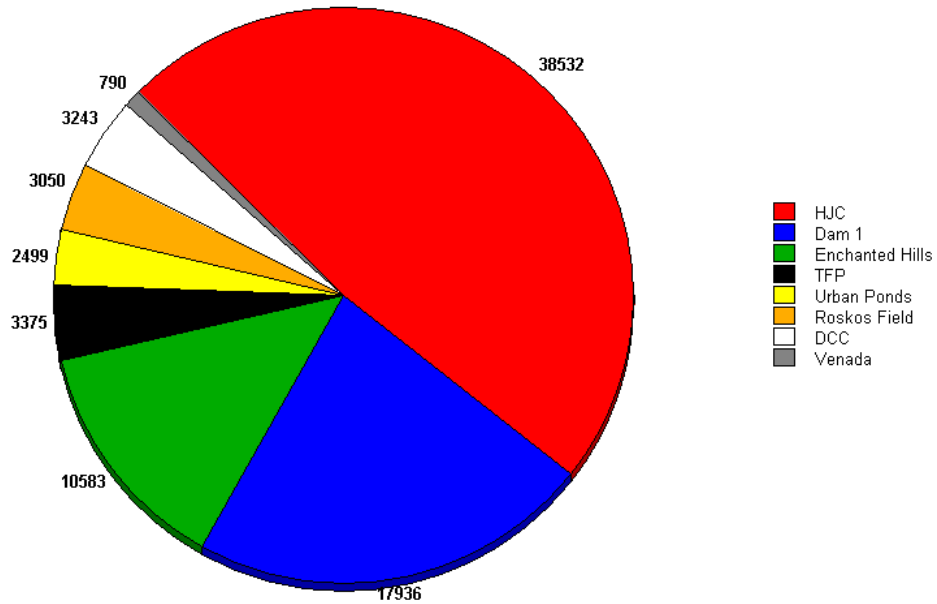
### **6.1 OPERATIONS AND MAINTENANCE**

SSCAFCA's Operations and Maintenance activities are conducted by staff and by contract to a New Mexico landscaping service. SSCAFCA currently has 10 structures that it maintains year round, as shown below in this cost distribution comparison between 2003 and 2004 of the structures SSCAFCA currently maintains.

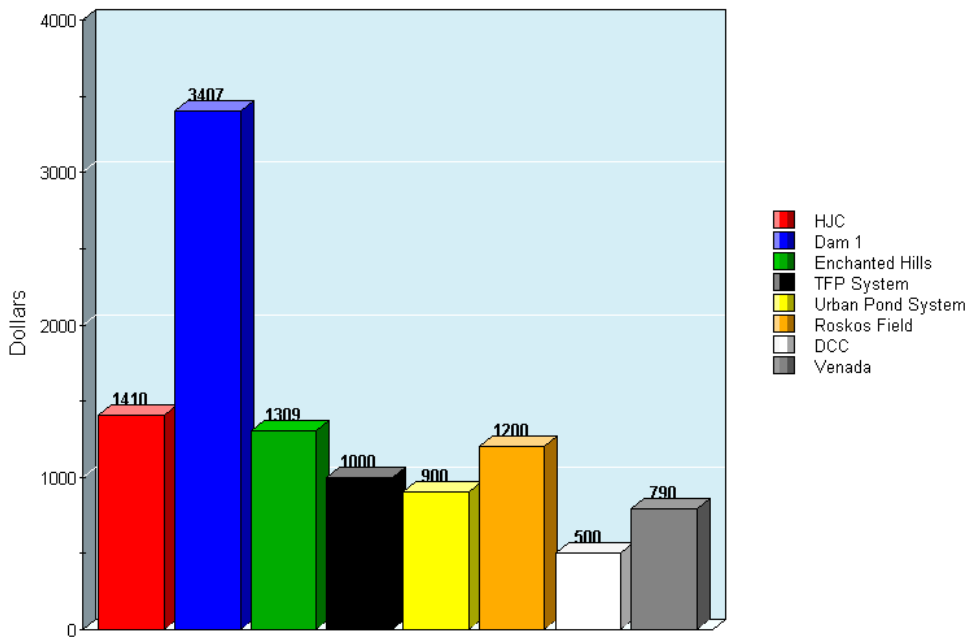
Structure	Graffiti '03	Graffiti '04	Routine '03 Maintenance	Routine '04 Maintenance	Structural Repairs '03	Structural Repairs '04
Tree Farm Ponds	0	0	\$3548	\$3,375	0	0
Urban Ponds	0	0	\$6696	\$2,499	0	0
Dams 4&1	\$825	\$587	\$9115	\$6,034	\$2985	\$10,427
Harvey Jones Channel	0	0	\$6212	\$11,665	0	\$4,684
Dulce Curtis Channel	\$325	\$254	\$1211	\$958	0	\$2,031
Enchanted Hills	\$325	\$690	\$1220	\$1,309	0	0
Venada Arroyo	\$525	0	\$2325	\$790	0	0
Ivory Channel	0	0	\$324	\$750	0	0
Northern Sed. Pond	\$550	\$250	\$1012	\$350	0	0
Roskos Field	0	0	\$1125	\$2,450	0	\$600
<b>TOTAL</b>	<b>\$2,550.00</b>	<b>\$1,781.00</b>	<b>\$32,788.00</b>	<b>\$30,180.00</b>	<b>\$2,985.00</b>	<b>\$17,742.00</b>

Below are pie and bar charts for total expenditures, including sediment removal in the HJC for selected individual structures:

**2004 O&M Expenses**

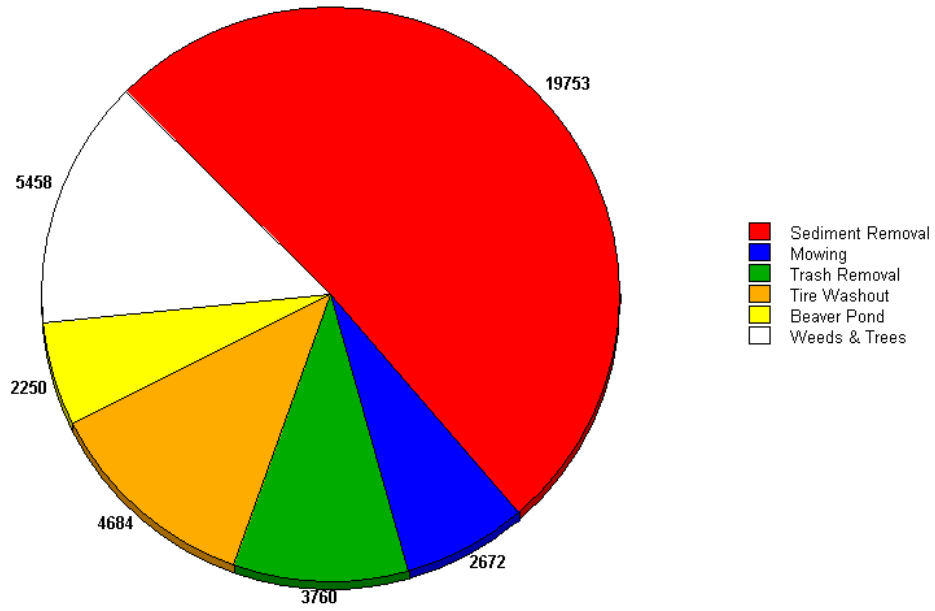


**Dollars on Trash Collection per Structure**

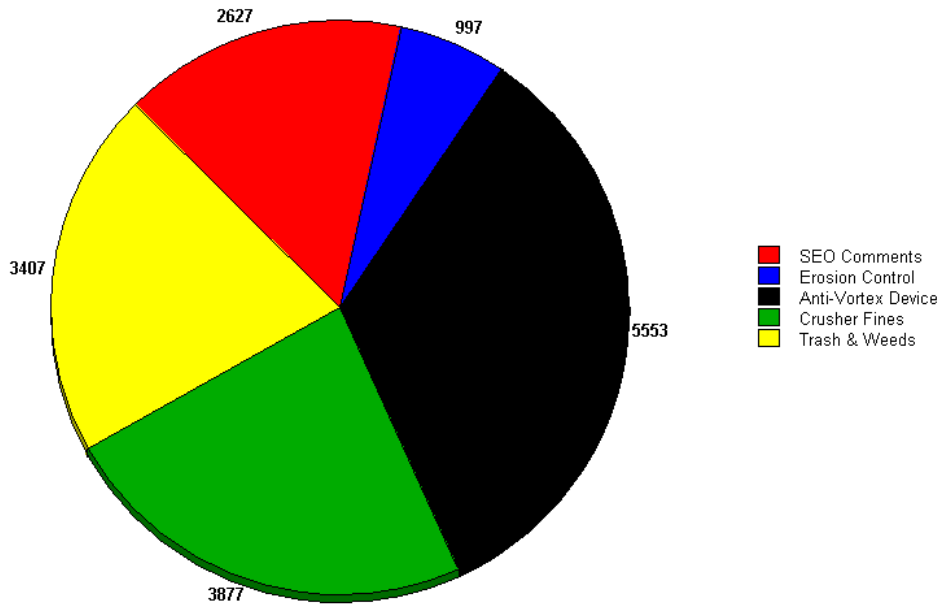




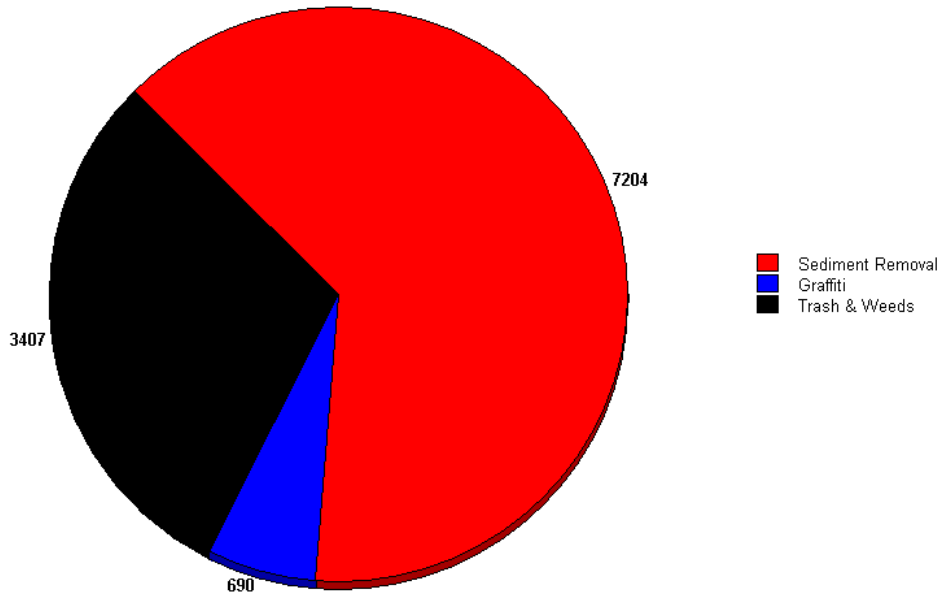
**Cost Distribution for HJC**



**Cost Distribution for Dam 1**



### Cost Distribution for Enchanted Hills



SSCAFCA contracted with Santiago's Native Landscape Services for the day to day maintenance of its facilities in March of 2003 and extended for another year in 2004. Normal maintenance activities included: sediment removal from low flow swales in all structures; cleaning out of all outlet structures; removal of trees and shrubs from inlet structures; removal of graffiti; upgrading structures through the placement of rip rap and crusher fines in erosion courses; maintaining the natural wetland vegetation in both the forebay and the wetland pond at Roskos Field. Trash and debris were removed in conjunction with the City of Rio Rancho in selected arroyos.

There was no significant storm damage in 2004.

SSCAFCA is in the process of developing standard sign designs and was able to place 15 structural/informational signs at various locations within our jurisdiction.



A standard SSCAFCA sign, fence and election signs are shown at the Encantada Channel north of Enchanted Hills Boulevard in Rio Rancho.

## 6.2 FENCING

SSCAFCA was able to complete three major fencing projects this year as follows:

- The Rael property was completely fenced and extended to the south to the intersection of Rio Ruidoso and Rio Oso.
- The west side of the Dulce Curtis channel was completed from Rio Vista to Rio Oso. SSCAFCA worked with the property owners on these two projects in order not to duplicate fencing and to provide access points where desired.
- Finally, SSCAFCA fenced the southern boundary of the Lomitas Negras Arroyo in Unit 17 of Rio Rancho, from Hwy. 528 to Rio Vista Rd. The total fencing completed amounted to **approximately 3975 linear feet.**

### **6.3 SUMMARY OF ACCOMPLISHMENTS FOR 2004**

- Sediment in the Harvey Jones outlet was removed this year for approximately **one third the cost** of last years sediment removal.

### ***6.4 Goals for 2005***

- SSCAFCA is in the process of developing an operations and maintenance manual for all facilities which should be completed in 2005.



**Roskos Field Pond at Haynes Park in Rio Rancho was built in cooperation with the City to control storm water run-off. Gambusia fish have been placed in the pond to control mosquitoes**

## **Section 7 The Environment**

### **7.1 BATS/MOSQUITOES**

Once again during the summer the West Nile virus made its way through New Mexico causing concern for standing water. Most of SSCAFCA's facilities completely drain within 96 hours. The only major facility that does not completely drain is the Harvey Jones outlet from the Corrales Road bridge to the end of the outlet. This area retains water until it can evaporate. SSCAFCA is utilizing Agnique MMF pesticide spray which targets all phases of the mosquito life cycle and Altosid long-lasting dunks which also targets all phases of mosquito growth and lasts up to three months.

SSCAFCA has erected bat houses at the outlet to the Harvey Jones, the inlet to the Harvey Jones, Tree Farm Dam A, and Dam 1 in Corrales Heights. The bat houses have yet to be inhabited and the houses at the HJC inlet and Dam 1 suffered severe vandalism. SSCAFCA is considering moving the houses into shady areas which may reduce the thermal load on the houses and make them a little more inviting. Staff will continue to explore alternatives for mosquito control and implement the most effective and environmentally safe methods available. There were no reported cases of **West Nile Virus** within SSCAFCA's jurisdiction in 2004.

### **7.2 MAJOR ACCOMPLISHMENTS FOR 2004**

- Sprayed the structures periodically for mosquito control.
- Supplemented spraying with addition of pesticide dunks.
- Erected two bat houses

### **7.3 Goals for 2005**

- Establish written procedures for mosquito control.
- Develop public information program for mosquito control.

### **7.4 BOSQUE CLEAN UP**

The summer of 2004 was a continuation of the current drought that is gripping New Mexico. With the hot dry weather, the bosque became a tinder box and was subjected to several severe fires. In an effort to reduce the fire load within the bosque, SSCAFCA has joined forces with the Friends of Rio Rancho Open Space, the Parks Department of Rio Rancho, Corrales Bosque Commission, and Corrales Fire Department. SSCAFCA has broadened their maintenance activities to include areas within the bosque that become saturated during rain events. This activity is limited to clearing already dead and down vegetation and trash pick up. SSCAFCA has already cleared and cleaned the Lower Venada and is working on the Harvey Jones Outlet this winter and spring. The SSCAFCA Board of Directors approved \$20,000.00 to help fund the clean up effort by Friends of Rio Rancho Open Space in the Lower Venada. A JPA between the City of Rio Rancho and SSCAFCA was approved by the city in December and implementation should occur by spring of 2005.

## **7.5 SUMMARY OF ACCOMPLISHMENTS FOR 2004**

During 2004, the following environmental projects were started, continued or completed:

- Developed and distributed a storm water quality manual in cooperation with the City of Albuquerque, AMAFCA, NMDOT and UNM. This completed one of the requirements of SSCAFCA's NPDES Storm Water Quality permit.
- Staff completed and submitted its first annual permit compliance report on March 10, 2004

## *7.6 Goals for 2005*

- Submit annual compliance report and continue with completion of the requirements of the permit.
- Prepare RFP's for cleaning the CMP's under the Harvey Jones Outlet Repair damaged joints in the Harvey Jones Channel.  
Dam 1 in Venada Arroyo, Sprint Blvd. Dam, Santa Fe Hills Dam and Chaote Dam should be accepted by SSCAFCA for operations and maintenance this year (2005) as well as the Cabezon channel, the Cabezon drainage pipeline from Southern to Unit 17 Trailside Pond and the Unit 20 "Joiner" pipeline. The facilities at Northern Meadows may also be ready for acceptance by the end of 2005.

This award for Outstanding Volunteerism was presented to SSCAFCA by the City of Rio Rancho



## **Section 8 Rainfall Events And Data System (R.E.A.D.S.)**



This cistern is used to capture rainwater and irrigate plants on the grounds of the SSCAFCA office and is located on the north side of the building.

### **8.1 READS (RAINFALL EVENTS AND DATA SYSTEM)**

This year was considered a continuation of the drought in New Mexico by the pundits. However, in southern Sandoval County, when compared to 2003, (as shown on the graph below) the jurisdiction received more than twice as much rainfall in 2004 as in 2003. The yearly average recorded by the data loggers for 2004 is 11.12 inches. The yearly average recorded by the data loggers for 2003 is 4.74 inches. The median rainfall for Bernalillo County, as published by the New Mexico Association of Counties (<http://www.nmcounties.org/counties.html>) is 8.1 inches and the median rainfall for Sandoval County is 13.1 inches. (See attachment) The graph

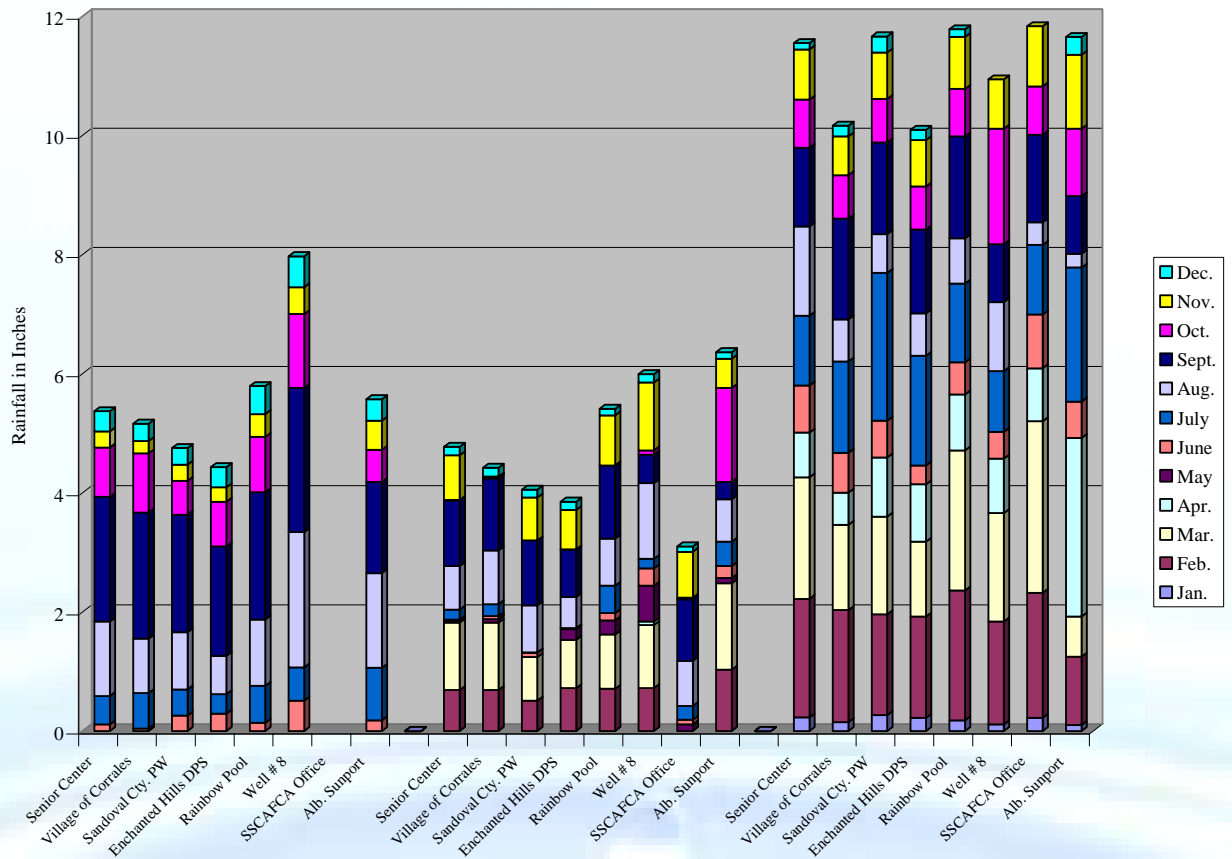


represents the monthly accumulation of precipitation for each data logging rain gauge for 2002, 2003, and 2004. For comparison, the graph includes the precipitation recorded at the Albuquerque Sunport.

The READS program started in June of 2002. In June of 2003, a data logging rain gauge was installed at the SSCAFCA office. 2004 is the first full year of data for the digital rain gauges, with no interruptions of reading or unusual occurrences observed.

The READS program continues to be one of our best community outreach programs. SSCAFCA would like to thank all of the volunteer participants for their data and their perseverance. Storm monitor information continues to be collected and will be assessed in FY 2006.

02.03.04 DLRG Readings v11





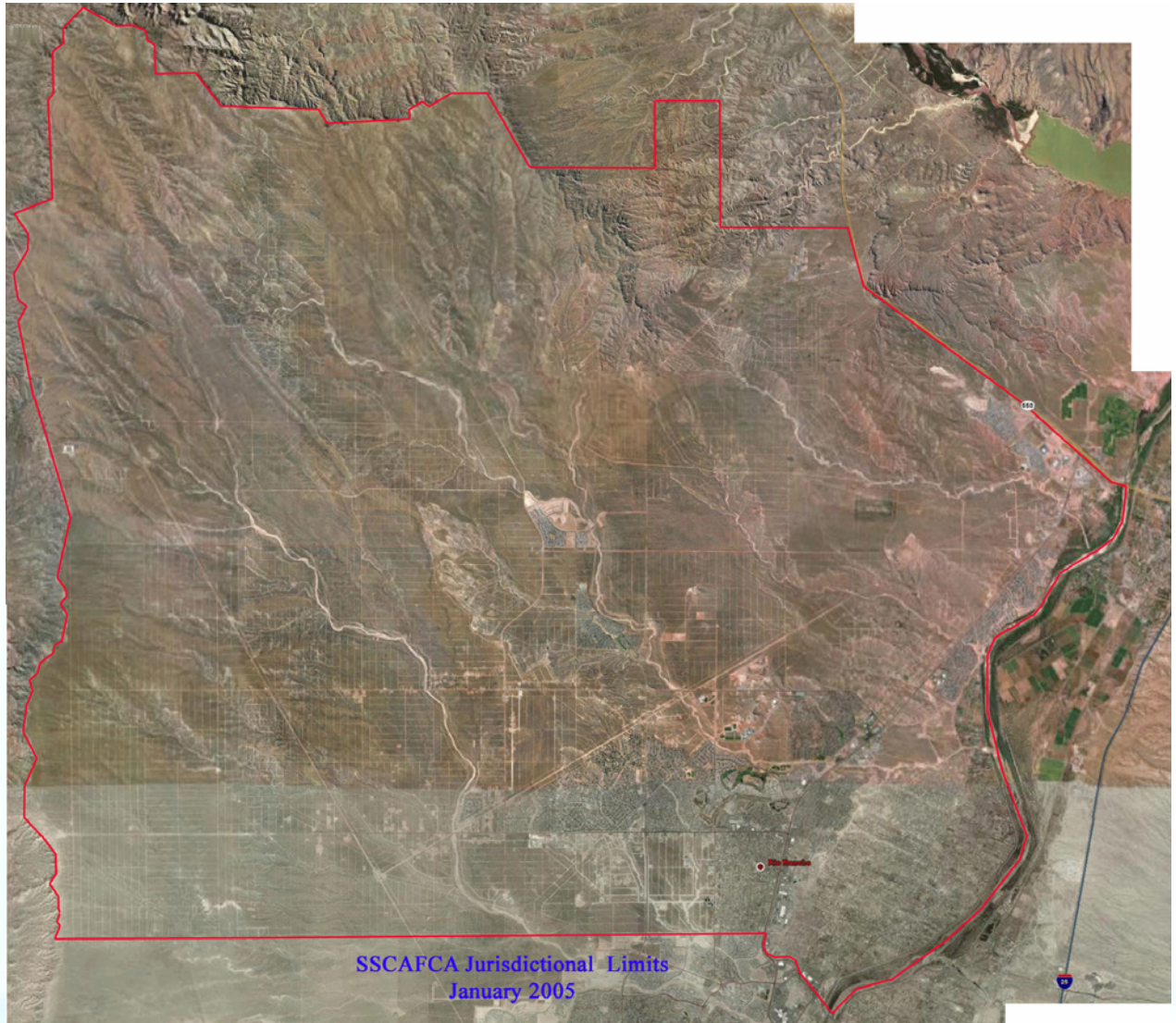
Staff member James Service checks the rain gauge after a sprinkle

## Section 9 Important Events of 2004

- **November 2, 2004** two Board Members were elected to serve until 2011.  
And the winners were:  
Wm. C. “Dub” Yarbrough  
Steven M. House.
- **November 2, 2004** a \$6,000,000 bond issue was overwhelmingly passed by the citizens of SSCAFCA’s jurisdiction by a vote of: 18,230 for and 10,507 against
- ..
- **GASB** (Governmental Accounting Standards Board) system was implemented in 2004, See pages 18 & 19)
- Our environmentally constructed office building has provided significant **energy savings**
- SSCAFCA lost two founding board members in 2004.  
**Johnnie Losack and Annette Jones**
- Over 200 acres of land was **donated to SSCAFCA by AMREP SW, Inc.** almost completing the Venada Arroyo. With the development of Lomas Encantada (formerly Enchanted Hills South) and one other portion the acquisition of the arroyo will be complete with dedication planned in 2005.
- Initiated a Deferred Compensation plan as a benefit for staff.
- The average staff longevity with SSCAFCA is approaching 4 years. All staff positions were retained in 2004.

## SSCAFCA's *Jurisdiction*

Our jurisdiction covers all of Rio Rancho, Corrales and the western portion of the Town of Bernalillo.



# ***R**esponsibility for flood control within our jurisdiction is the cornerstone of the Authority.*

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As we have seen recently, water can be one the greatest forces on earth. Even here in the high desert of New Mexico flooding, erosion and mud can cause damage to property and endanger lives. SSCAFCA was created to address flooding issues caused by development.

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## SSCAFCA's Original Goals and Commitments

- 1. To provide flood protection up to the 100 year storm for the public health, safety and welfare of residents and properties within our boundaries.**
- 2. To recognize the value of land purchased or controlled for floodways as areas with multi-use potential.**
- 3. To reduce sediment and erosion within the boundaries of the flood control authority.**
- 4. To assist in the coordination of flood control with other entities for the common good of the public.**

FY2005 SSCAFCA Budget

	<b>100</b>	<b>130</b>	<b>140</b>		<i>Interfund</i>	
	<i>General</i>	<i>Debt</i>	<i>Construction</i>	<i>Total</i>	<i>Transfer</i>	<i>Net Total</i>
	<i>Fund</i>	<i>Service</i>	<i>Fund</i>	<i>All Funds</i>	<i>Eliminations</i>	<i>All Funds</i>
		<i>Fund</i>	<i>Fund</i>			
Beginning cash balance (unaudited)	\$1,037,929	\$541,923	331,543\$	\$1,911,395	0	\$1,911,395
<b><i>Estimated Revenue:</i></b>						
Transfers In	0	0	0	0	0	0
Property tax (1)	826,994	945,446	0	1,772,440	0	1,772,440
Misc. revenue	2,500	0	0	2,500	0	2,500
Grant Revenue	0	0	0	0	0	0
Interest income	8,000	2,000	1,000	11,000	0	11,000
Total current year revenue	837,494	947,446	1,000	1,785,940	0	1,785,940
Total resources available	1,875,423	1,489,369	332,543	3,697,335	0	3,697,335
<b><i>Appropriations:</i></b>						
Personnel	345,430	0	0	345,430	0	345,430
Contractual services	116,000	0	0	116,000	0	116,000
Expenses	773,993	796,748	332,543	1,903,284	0	1,903,284
Transfers Out	0	0	0	0	0	0
Total appropriations	1,235,423	796,748	332,543	2,364,714	0	2,364,714
<b><i>Fund Balance:</i></b>						
Reserved	640,000	0	0	640,000	0	640,000
Unreserved Fund Balance	0	692,622	0	692,622	0	692,622
Total Fund Balance	640,000	692,622	0	1,332,622	0	1,332,622









