

# Southern Sandoval County Arroyo Flood Control Authority



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David Stoliker, P.E.  
Executive Director

May 24, 2007

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Diane Smith, Environmental Protection Specialist  
USEPA Region 6  
Water Quality Protection Division (6WQ-NP)  
1445 Ross Avenue, Suite 1200  
Dallas, TX 75202-2733

Re: NPDES Phase II General Permit NMR040000

Dear Ms. Smith:

This cover letter is intended to serve as Southern Sandoval County Arroyo Flood Control Authority's SSCAFCA'S Notice of Intent (NOI) to obtain primary coverage under General Permit NMR040000 for facilities owned or operated by SSCAFCA. SSCAFCA originally submitted a similar request in March, 2003. It is our understanding that USEPA requires a resubmittal and this package honors that request. Enclosed with this package is a Storm Water Management Program (SWMP) and associated attachments, as required to comply with the permit regulations. It is SSCAFCA'S belief that implementing the proposed SWMP will reduce the discharge of pollutants from our small MS4 to the maximum extent practicable, protect water quality, and adhere to surface water quality standards.

SSCAFCA will continue to work cooperatively, as in the past, with the City of Rio Rancho, Corrales, Town of Bernalillo, Sandoval County, Albuquerque Metropolitan Arroyo Flood Control Authority (AMAFCA), New Mexico Department of Transportation (NMDOT) and the City of Albuquerque to implement this program. These cooperative arrangements have been worked out to maximize the public benefit while sharing the cost.

It is our understanding that this submittal brings us into full compliance with the regulations at this time. If this is in error or if you have comments or questions regarding this submittal, please contact me at the telephone number listed on this letter.

Respectfully,

David Stoliker, PE  
Executive Director

XC: Rich Powell, NMED  
Trevor Alsop, SSCAFCA

Attachments:

A. Storm Water Management Plan

# ***Southern Sandoval County Arroyo Flood Control Authority***

## ***Storm Water Management Plan***

***Prepared for coverage under USEPA NPDES General Permit NMR040000***

***May 18, 2007***



1041 Commercial Drive SE  
Rio Rancho, NM 87124

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## **Abbreviations and Acronyms**

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AMAFCA	Albuquerque Metropolitan Arroyo Flood Control Authority
BMP	Best Management Practice
ESA	Endangered Species Act
GIS	Geographic Information System
GPS	Global Positioning System
IDDE	Illicit Discharge Detection and Elimination
MCM	Minimum Control Measure
MS4	Municipal Separate Storm Sewer System
NHPA	National Historic Preservation Act
NMSA	New Mexico Statutes Annotated
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
SSCAFCA	Southern Sandoval County Arroyo Flood Control Authority
SOP	Standard Operating Procedure
SWMP	Storm Water Management Plan
SWPPP	Storm Water Pollution Prevention Plan
TMDL	Total Maximum Daily Load
USEPA	United States Environmental Protection Agency

## ***Executive Summary***

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The Southern Sandoval County Arroyo Flood Control Authority (SSCAFCA) was created in 1990 as a political subdivision of the State of New Mexico to address regional flooding and storm water drainage problems in the urbanized area of southern Sandoval County. Sandoval County is located just north of and abutting Bernalillo County in central New Mexico. SSCAFCA's jurisdiction covers an area of approximately 225 square miles with an estimated population of over 70,000 encompassing the City of Rio Rancho, portions of the Village of Corrales, the Town of Bernalillo and Sandoval County (see Figure 2). SSCAFCA owns or operates storm water facilities including dams, channels, ponds and other storm water related infrastructure within its jurisdiction. SSCAFCA facilities constitute a regulated small Municipal Separate Storm Sewer System (MS4) (40 CFR 122.26(b)(8)) and are therefore subject to the Environmental Protection Agency (EPA) Storm Water Phase II Final Rule (64 FR 68722). As an operator of a regulated small MS4, SSCAFCA is seeking authorization to discharge storm water under the National Pollutant Discharge Elimination System (NPDES) general permit (NMR04000).

The following Storm Water Management Plan (SWMP) was developed utilizing the following six (6) EPA Minimum Control Measures (MCMs):

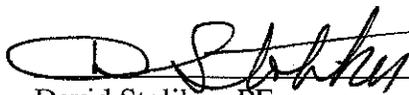
1. Public Education and Outreach
2. Public Participation/Involvement
3. Illicit Discharge Detection and Elimination
4. Construction Site Runoff Control
5. Post-Construction Runoff Control
6. Pollution Prevention/Good Housekeeping

This SWMP identifies Best Management Practices (BMPs) and associated activities proposed to satisfy each MCM. Implementation of this program is proposed over the 5-year permit term and will be evaluated and recorded in annual reports as required for permit coverage. The Executive Director will be responsible for the overall management and implementation of this proposed program.

## **Certification**

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I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

  
\_\_\_\_\_  
David Stoliker, PE  
Executive Director  
SSCAFCA

Date: May 24, 2007

## Notice of Intent

The following table supplies information regarding SSCAFCA's NOI as required in permit section 3.2.

Legal Name of the MS4 Operator	Southern Sandoval County Arroyo Flood Control Authority (SSCAFCA)
Mailing address:	1041 Commercial Drive, SE Rio Rancho, NM 87124
SWMP Coordinator	Trevor Alsop, P.E. Field/Drainage Engineer 505.892.7246 - office 505.892.7241 - fax 505.803.3986 - cell
Operator Designation	<input type="checkbox"/> Federal <input type="checkbox"/> State <input type="checkbox"/> Tribal  <input checked="" type="checkbox"/> other public entity:  The Southern Sandoval County Arroyo Flood Control Authority (SSCAFCA) was created in 1990 as a quasi municipality to address regional flooding and storm water drainage problems in the area of southern Sandoval County.
The MS4 location information:  1. Associated urbanized area 2. County 3. Core municipality 4. Indian lands 5. Geographic center 6. Area of land	<ol style="list-style-type: none"> <li>1. The MS4 is partially located within the Albuquerque urbanized area, which is identified in the map enclosed and identified as Figure 1. SSCAFCA's jurisdiction is identified in the map enclosed and identified as Figure 2.</li> <li>2. SSCAFCA is located in southern Sandoval County, just north of and abutting Bernalillo County and Albuquerque.</li> <li>3. The city of Rio Rancho is the largest municipality within SSCAFCA's jurisdictional boundaries, with a population of over 70,000.</li> <li>4. SSCAFCA does not have any Indian Country lands within its jurisdiction.</li> <li>5. The latitude and longitude for</li> </ol>

	<p>SSCAFCA's approximate center are N 35° 18' 23" and W 106° 42' 16"</p> <p>6. Jurisdictional area of approximately 225 square miles.</p>
The major receiving water(s)	Middle Rio Grande: SSCAFCA's outfalls to the river are identified in the map enclosed and identified as Figure 3.
Does the MS4 discharge to any waters for which a TMDL applicable to discharges from the MS4 has been approved?	The Middle Rio Grande is identified on the 303(d) list of impaired waters. A TMDL has been performed on this reach and has identified fecal coliform as the only pollutant exceeding the allowable standards. No waste load allocations have been specified for the SSCAFCA MS4 outfalls.
Is the MS4 operator relying on another governmental entity to satisfy one or more permit obligations?	Yes. SSCAFCA will rely on the respective municipal governments to enforce illicit discharge detection and elimination at source points.

## **Permit Eligibility**

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The following information affirms SSCAFCA's eligibility for permit coverage.

**Permit Section 1.2.3 - Providing for Public Participation and Access to Documents:** Public notification of proposed NOI/SWMP was made on March 14 and April 14, 2007 via newspaper advertisements inviting the public to provide input on the SWMP available for review at the SSCAFCA office or website. Public comments were solicited at meetings of the SSCAFCA Board of Directors on March 16, and April 20, 2007. Comments received appear in Appendix I, Public Comments on NOI/SWMP. Responses to comments have been incorporated in this SWMP.

**Permit Section 1.4.6 - Discharges inconsistent with a TMDL:** The Middle Rio Grande is identified on the 303(d) list of impaired waters. A TMDL has been performed on this reach and has identified fecal coliform as the only pollutant exceeding the allowable standards. No waste load allocations have been specified for the SSCAFCA MS4 outfalls.

**Permit Section 1.5 – ESA Eligibility Provisions:** SSCAFCA believes the measures outlined in this plan are consistent with previous determinations made that SSCAFCA's outfalls will not likely have an adverse impact to wildlife and habitat.

**Permit Section 1.6 – NHPA Eligibility Provisions:** SSCAFCA has no known discharges that affect any historic properties.

## 1.0 Public Education and Outreach

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SSCAFCA believes that public education is fundamental to addressing storm water pollution and therefore will implement the following practices. All activities related to public education and outreach will be documented in the annual report.

**BMP 1-A:** Develop and distribute educational material concerning impacts of storm water discharge to watershed.

Activity 1-A: An area-specific public information brochure that focuses on increasing the public's understanding of storm water issues has been developed and previously distributed at libraries, schools and other public places (see Appendix A). A review of the existing educational material is proposed at the time permit coverage begins. Materials will be evaluated to identify any improvements to focus attention on primary pollutants of concern associated with SSCAFCA's MS4, i.e., education regarding fecal coliform reduction through public attention to the problem. In addition, EPA generated education material (USEPA, 2007) may be utilized to supplement area-specific education material. Subsequent to the review period, educational material will be published and distributed throughout the communities within the jurisdiction and shared with other government entities according to the schedule indicated below. The brochure will be in English and Spanish recognizing the diversity of our population.

Implementation Schedule:

- Program Year 1: Review existing information and make changes/additions as necessary.
- Program Year 2: Distribute 250 brochures to libraries, schools and other public places within SSCAFCA's jurisdiction. Information contained in brochure will also be posted on the SSCAFCA website.
- Program Year's 3 to 5: Distribute 750 additional brochures to libraries, schools and other public places within SSCAFCA's jurisdiction by the end of year 5.

**BMP 1-B:** Conduct outreach activities about the impacts of storm water discharges on local water bodies and the steps that can be taken to reduce storm water pollution.

Activity 1-B: An area-specific public education program focusing on increasing the public's understanding of storm water issues has been developed and presented previously (see Appendix B). A review of existing educational materials is proposed at the time permit coverage begins. This review will evaluate the materials, potentially identifying the need to improve/augment as necessary to focus attention on primary pollutants of concern associated with SSCAFCA's MS4, i.e., education regarding fecal coliform reduction through public attention to the problem. Subsequent to the review period, presentation of the public outreach program will be scheduled annually. Public outreach may include presentations to neighborhood associations, schools, elected boards, and etcetera. SSCAFCA has also participated in community events such as the annual Earth Festival hosted by the Keep Rio Rancho Beautiful organization. Venues such as this serve as educational opportunities to inform local citizens of issues pertinent to SSCAFCA's

mission, including protecting watersheds. SSCAFCA proposes to continue sponsorship and participation in such events and disseminating information.

**Implementation Schedule:**

- Program Year 1: Review existing information and make changes/additions as necessary. Participate in at least one (1) community event.
- Program Year's 2 to 5: Present information to at least one small group meeting a year and at one school setting a year in years 3, 4 and 5. Information contained in program will also be posted on the SSCAFCA website in program year 2. Participate in at least one (1) community event each year.

## 2.0 Public Participation/Involvement

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SSCAFCA is particularly aware of the value of public involvement and acceptance of its mission as it is dependent on publicly voted bonds for funding. As such, SSCAFCA takes every opportunity to understand and accommodate the public needs, which include protecting water quality.

**BMP 2-A:** Provide notice to public of upcoming NOI submittal and subsequent annual BMP evaluations that result in changes or additions.

Activity 2-A: As required by the enabling legislation (Article 19, NMSA 1978), SSCAFCA holds regularly scheduled board meetings that are open to the public. SSCAFCA recognizes these meetings as opportunities to provide public notification and promote public participation in the development and implementation of this program. In doing so, SSCAFCA will ensure that state and local public notice requirements are met and that all potentially affected stakeholder groups are encouraged to attend and participate. SSCAFCA will monitor and document attendance at each meeting to gauge level of public exposure to this issue. This notification shall be made in local newspapers, posted on the SSCAFCA website, and posted outside the SSCAFCA office.

### Implementation Schedule:

- Program Year 1: Hold at least one public involvement meeting on the final draft of each MCM prior to Board finalization.
- Program Year's 2 to 5: Hold at least one public involvement meeting on the final draft of changes to BMPs during annual program evaluations.

**BMP 2-B:** Investigate feasibility of supporting established anti-litter program(s) or initiating new programs seeking public participation in ensuring flood control facilities remain free of trash and debris.

Activity 2-B: SSCAFCA proposes to investigate various programs that offer opportunities for individuals or groups to monitor waterways and outfalls within our jurisdiction. Should it be determined that a beneficial sponsorship or partnership could be achieved, a program supporting the endeavor shall be developed and implemented. Public participation in such programs would be tracked using metrics such as number of participants or area of coverage to measure achievement. Some programs to be considered are the following:

- Keep Rio Rancho Beautiful
- Adopt-an-Arroyo style campaign
- New Mexico Clean and Beautiful (NMCB) program (New Mexico Litter Control and Beautification Act of 1985, NMSA 1978)
- Installation of pet waste bags and receptacles at SSCAFCA multi-purpose facilities.

### Implementation Schedule:

- Program Year 1: Investigate public participation programs.
- Program Year's 2 to 5: Implement program(s) found to be effective, beneficial.

### **3.0 Illicit Discharge Detection and Elimination (IDDE)**

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Under the authority granted to SSCAFCA (NMSA 1978: 72-19-22), connection to any storm water drain or flood control facility of the authority must be approved. SSCAFCA has recently undertaken the process of setting up an in-house GIS system to be utilized for purposes such as maintaining information on all connections to SSCAFCA facilities. It is anticipated that control of potential illicit discharges from connected municipal storm water infrastructure will fall under the purview of the respective municipality. SSCAFCA proposes the following practices seeking to minimize non-storm water discharges within its facilities.

**BMP 3-A:** Development of a system-wide storm water infrastructure map.

Activity 3-A: As indicated, SSCAFCA has recently initiated an effort to collect information for use in GIS applications. One of the first efforts proposed will be to map all of SSCAFCA's facilities and associated appurtenances. Information regarding storm water infrastructure will be sought from the respective municipalities, the development community, and potentially generated in the field utilizing Global Positioning System (GPS) survey equipment.

Implementation Schedule:

- Program Year's 1 and 2: Generate baseline map of facilities and connections.
- Program Year's 3 to 5: Update map annually as necessary.

**BMP 3-B:** Develop program to identify unapproved connections to SSCAFCA conveyances/facilities, and potential sources of illicit discharge.

Activity 3-B: SSCAFCA proposes to conduct a field survey of all facilities including major arroyos, comparing field observations to known mapped information for discrepancies. Field surveying shall also include notation of any dry weather flows observed and if flows appear to be prohibited non-storm water discharges. GPS equipment may be utilized to refine location accuracy and generate GIS compatible information of findings.

Implementation Schedule:

- Program Year 3: IDDE assessment is subject to completion of infrastructure map in BMP 3-A. First survey is anticipated to cover 20% of SSCAFCA's facilities and be conducted in program year three.
- Program Year's 4 to 5: Continue facility survey covering 20% of SSCAFCA's facilities each program year with total facility survey completed in subsequent permit cycle.

**BMP 3-C:** Review and update policy to prohibit non-storm water discharges to SSCAFCA facilities.

Activity 3-C: SSCAFCA proposes to augment current policy regarding water quality/treatment with additional measures to include prohibiting introduction of gross pollutants, i.e., dumping, trash, floatables, etc to facilities.

Implementation Schedule:

- Program Year 1: Conduct review of current policy.
- Program Year's 2 to 5: Draft and obtain board approval for potential new policies, implement approved policy.

**BMP 3-D:** Partner with local municipalities to support education concerning ordinances preventing unauthorized discharges to MS4s (ties in with MCM 1).

Activity 3-D: Evaluate partnerships with municipalities seeking to protect receiving waters from non-storm water discharges, i.e., stencil storm drain drop inlets:

- "Do Not Dump, Drains To River "
- "Only Rain in the Drain."

Implementation Schedule:

- Program Year 1: Investigate municipality partnership.
- Program Year's 2 to 5: Implement program(s) found to be effective, beneficial.

## **4.0 Construction Site Runoff Control**

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SSCAFCA recognizes the potential for excess sediment and other pollutants from construction site runoff to be transported to receiving watercourses and proposes the following mitigation measures.

**BMP 4-A:** Evaluate adoption of enhanced erosion control policies for disturbed land areas of 1 acre or greater.

Activity 4-A: SSCAFCA has identified the need for a comprehensive policy controlling migration of sediment and gross pollutants from construction sites, and minimizing the duration over which mass graded sites remain unimproved until final stabilization occurs.

Implementation Schedule:

- Program Year 1: Evaluate current policy regarding erosion control and formulate augmented policy.
- Program Year's 2 to 5: Should a policy be developed that meets the needs of SSCAFCA, as determined by the Board of Directors, implement in subsequent years.

**BMP 4-B:** Conduct Contractor training courses regarding storm water management guidelines for construction practices.

Activity 4-B: SSCAFCA, in partnership with several other agencies, has developed training material for use in training seminars held for the benefit of local contractors, engineers, developer, and public employees. SSCAFCA proposes to review and update this material as necessary and conduct future training seminars to maximize awareness of appropriate storm water management with respect to construction projects. The existing training material is included in Appendices C and D for reference. The amount of training materials distributed and numbers of training attendees will be documented and tracked.

Implementation Schedule:

- Program Year 1: Review existing training material and update as necessary.
- Program Year's 2 to 5: Conduct at least one (1) training seminar annually with developed material.

**BMP 4-C:** Evaluate development of tracking program to monitor construction site runoff control implementation for projects within jurisdiction.

Activity 4-C: Should it be determined that sufficient resources are available, SSCAFCA proposes to develop a program that will identify current construction projects for inspection to verify sediment control measures have been implemented properly and within a reasonable period of time. This would likely be accomplished utilizing GIS resources.

Implementation Schedule:

- Program Year 1: Evaluate resources necessary to implement inspection program.
- Program Year's 2 to 5: Should it be determined feasible, conduct periodic (frequency to be determined) compliance inspections of identified construction sites within jurisdiction.

**BMP 4-D:** Evaluate training opportunities for SSCAFCA staff tasked with NPDES program management.

Activity 4-D: SSCAFCA proposes to strengthen implementation of its program through seeking additional training and expertise in construction site runoff control programs, including SWPPP implementation. Training opportunities may also include NPDES implementation with respect to the MS4 program.

Implementation Schedule:

- Program Year 1: Investigate training opportunities.
- Program Year's 2 to 5: Participate in training determined to be of value to SSCAFCA's program.

## **5.0 Post-Construction Runoff Control**

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SSCAFCA recognizes that many of its primary functions as a flood control agency also serve as ongoing controls on sediment transport to receiving waters. As such, SSSCAFCA proposes to leverage flood control projects and practices to benefit the NPDES program.

**BMP 5-A:** Review existing construction standard details regarding storm water quality and evaluate promulgation of details for use in commercial and residential development projects.

Activity 5-A: Based on a study performed for AMAFCA/City of Albuquerque in 2005, a series of storm water quality details were designed by a local engineering firm and approved for use by SSSCAFCA. SSSCAFCA proposes to evaluate and update these design details to become standard details for promulgation within the jurisdiction. The details will be provided to the development community in conjunction with the proposed contractor/engineer/developer training programs. Should designs be implemented, effectiveness of design will be evaluated and the information presented for incorporation into the program. Copies of the approved details are furnished in Appendix E.

Implementation Schedule:

- Program Year 1: Evaluate design details and update as necessary.
- Program Year's 2 to 5: Promulgate design details to development community, assessing design effectiveness as necessary.

**BMP 5-B:** Continue implementation of current policy DPA 2004-1

Activity 5-B: This policy requires that all major subdivision developments restrict developed run-off to historic levels and treat the first-flush run-off from the site (first 0.25" of run-off). A copy of the policy is attached in Appendix F. Implementation of this BMP is on-going.

**BMP 5-C:** Evaluate adoption of policy creating land conservancy areas.

Activity 5-C: SSSCAFCA proposes to consider adoption of a land bank policy that would seek to accumulate undeveloped land that would not increase impervious cover and associated elevated storm water run-off requiring detention or treatment. If program is implemented, the amount of preserved natural area acreage would be documented.

Implementation Schedule:

- Program Year 1: Evaluate potential policy creating land conservancy areas.
- Program Year's 2 to 5: Should it be determined beneficial to SSSCAFCA, develop and implement land bank policy.

**BMP 5-D:** Evaluate, develop, and implement O&M performance bond/administrative policy.

Activity 5-D: SSCAFCA proposes to evaluate instituting a policy requiring residential subdivision developers to perform operation and maintenance of storm water facilities over a defined period. This policy is intended to distribute the responsibility for maintaining the proper working condition of these facilities, therefore conserving SSCAFCA's resources and funding for regional flood control projects that may include incorporating aspects of NPDES permit program. Should this policy be developed and implemented, the policy administration may be executed by the local government agency.

Implementation Schedule:

- Program Year 1: Evaluate feasibility of O&M performance bond/administrative policy.
- Program Year's 2 to 5: Should it be determined beneficial, develop and implement policy.

**BMP 5-E:** Develop, fund, and implement SSCAFCA capital improvement projects incorporating water quality features such as storm water detention, erosion control, stream bank protection, and etcetera.

Activity 5-E: Subject to budgetary constraints, flood control projects are identified for construction as improvements to SSCAFCA's regional flood control system. SSCAFCA recognizes that some projects serve both a primary function of flood control as well as storm water quality enhancement. SSCAFCA intends to proceed with future projects that will serve dual needs of the community for flood and water quality protection. A successful bond election in December 2006 resulted several projects identified for construction coinciding with the first 5-year NPDES permit cycle. See Appendix G for a list of identified projects and the proposed year of implementation.

## **6.0 Pollution Prevention/Good Housekeeping**

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**BMP 6-A:** Review previous SSCACFA facility operations impact determination and make changes as appropriate.

Activity 6-A: Original impact determination is indicated in the letter appearing in Appendix H. Should reevaluation of SSCAFCA operations result in changes, employees will be trained on how to incorporate pollution prevention/good housekeeping techniques into SSCAFCA operations. Evaluate weed control activities and opportunities to coordinate with local, state, and federal government.

Implementation Schedule:

- Program Year 1: Reevaluate impact determination.
- Program Year's 2 to 5: Document and implement any changes identified to SSCAFCA operations.

**BMP 6-B:** Develop and implement standard operating procedure for disposition of waste material recovered from flood control facilities.

Activity 6-B: As a component of an overall O&M program (see below), SSCAFCA proposes to develop disposal procedures for the various waste materials recovered from facilities during routine and non-routine maintenance. Typical materials removed from SSCAFCA facilities include sediment, floatables, and debris.

Implementation Schedule:

- Program Year 1: Develop SOP.
- Program Year's 2 to 5: Implement SOP.

**BMP 6-C:** Evaluate, develop and implement enhanced O&M program utilizing newly obtained GIS resources.

Activity 6-C: SSCAFCA proposes to evaluate the current O&M program with the intent of maximizing program efficiency and cost savings. Some elements of this program include:

- SSCAFCA facility inspection and maintenance scheduling
- Private development facility inspection and maintenance scheduling
- Joint municipal/SSCAFCA inspection and maintenance scheduling

Implementation Schedule:

- Program Year 1: Evaluate O&M program.
- Program Year's 2 to 5: Develop and implement enhanced O&M program.

## **References**

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United States Environmental Protection Agency, 2007,  
<http://cfpub.epa.gov/npdes/stormwatermonth.cfm>

## ***Figures***

**Figure 1**  
**Albuquerque Urbanized Area Map**

**Figure 2**  
**SSCAFCA Jurisdiction Map**

**Figure 3**  
**SSCAFCA Outfalls to Rio Grande Map**

## *Appendices*

### **Appendix A**

**Maintenance of Existing and Future Storm Water Conveyances in the Middle Rio Grande, Biological Evaluation** ✓

### **Appendix B**

**Public Information Brochure** ✓

### **Appendix C**

**Public Outreach Presentation: Storm Water Quality Program** ✓

### **Appendix D**

**NPDES Manual – Storm Water Management Guidelines for Construction and Industrial Activities** ✓

### **Appendix E**

**SSCAFCA Construction Storm Water Quality Training Program** ✓

### **Appendix F**

**SSCAFCA Storm Water Management Water Quality Facilities Details** ✓

### **Appendix G**

**SSCAFCA Drainage Policy Amendment 2004-1** ✓

### **Appendix H**

**Proposed Bond Projects List** ✓

### **Appendix I**

**Public Comments on NOI/SWMP** ✓

FIGURE 1

# Albuquerque, NM Urbanized Area Storm Water Entities as Defined by the 2000 Census

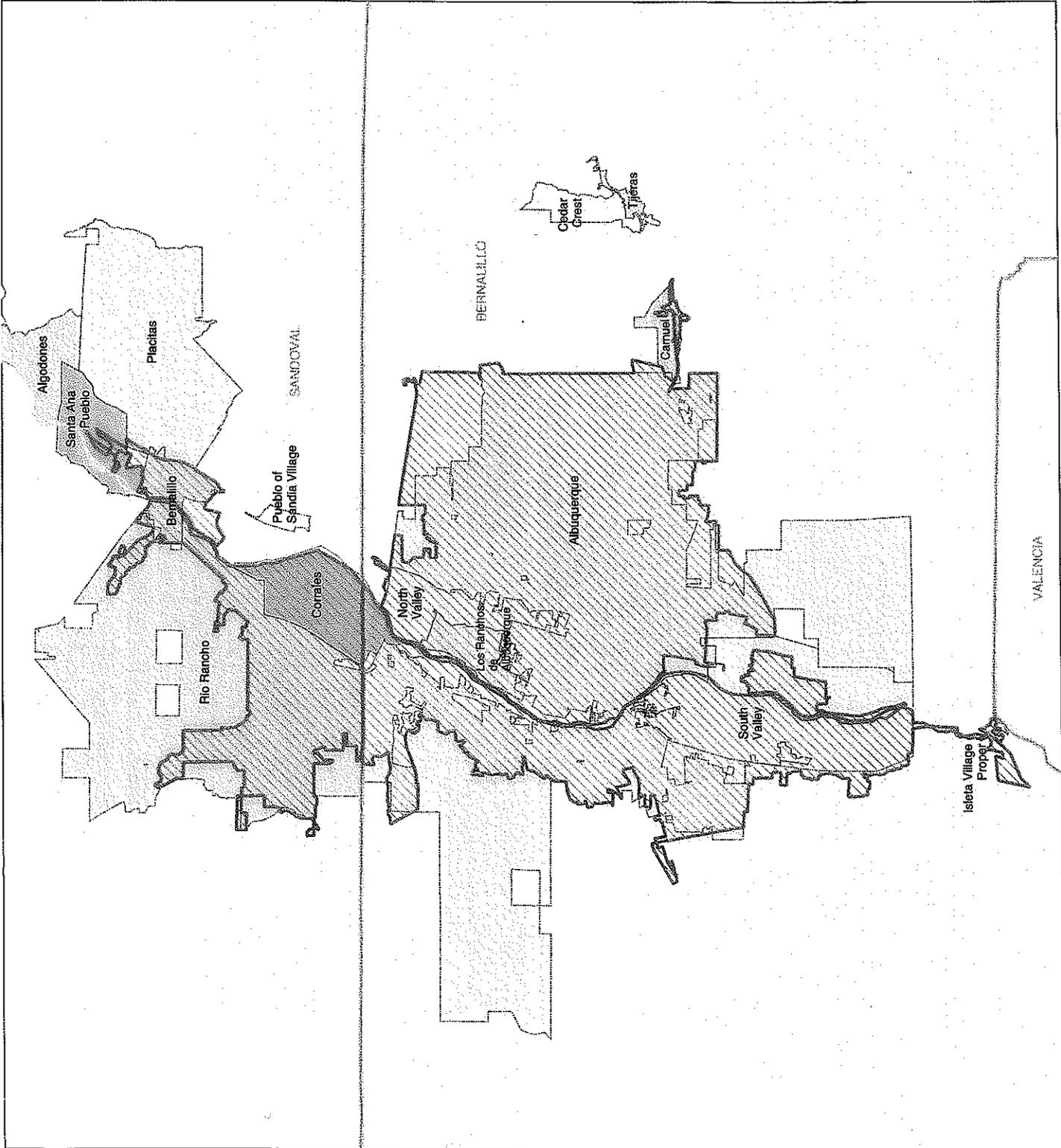
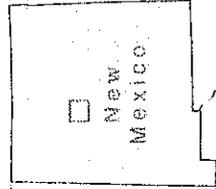
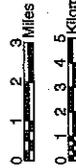
## 2000 Census Urbanized Areas

- Albuquerque, NM
- Municipal Boundaries
- County Boundaries
- Major Waterbodies

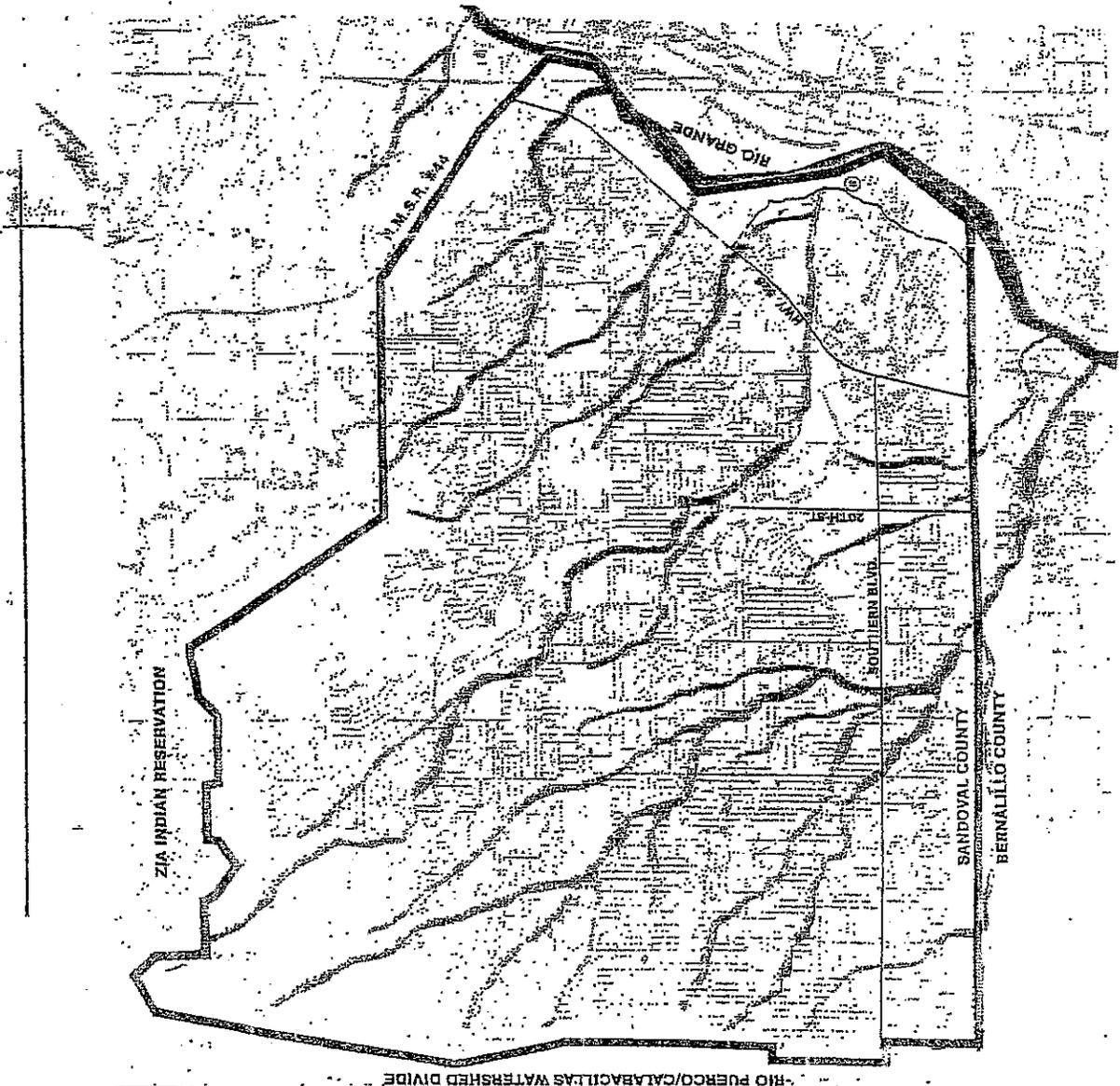
SOURCE:  
US Census Bureau TIGER data, 2000 Census

PROJECTION:  
State Plane Coordinate System - New Mexico Central  
Horizontal datum - NAD83

MAP DESIGN:  
August 27, 2002



# PROPOSED SOUTHERN SANDOVAL COUNTY "FLOOD CONTROL AUTHORITY" BOUNDARIES



Southern Sandoval County, including, the Village of Corrales and the City of Rio Rancho, has and will continue to experience very rapid growth. Unfortunately, flooding problems exist, and will become more severe in the future. Existing flood protection is inadequate. The potential for damage to property and loss of life is great.

Some real progress in addressing the flooding problem has been made in past years by the government entities which exist in the area. These government entities are: the Village of Corrales, Rio Rancho, Corrales Watershed District, Sandoval County Flood Commission, Central Rio Grande Soil and Water Conservation District, Middle Rio Grande Conservancy District, and the Albuquerque Metropolitan Arroyo Flood Control Authority (AMAFCA).

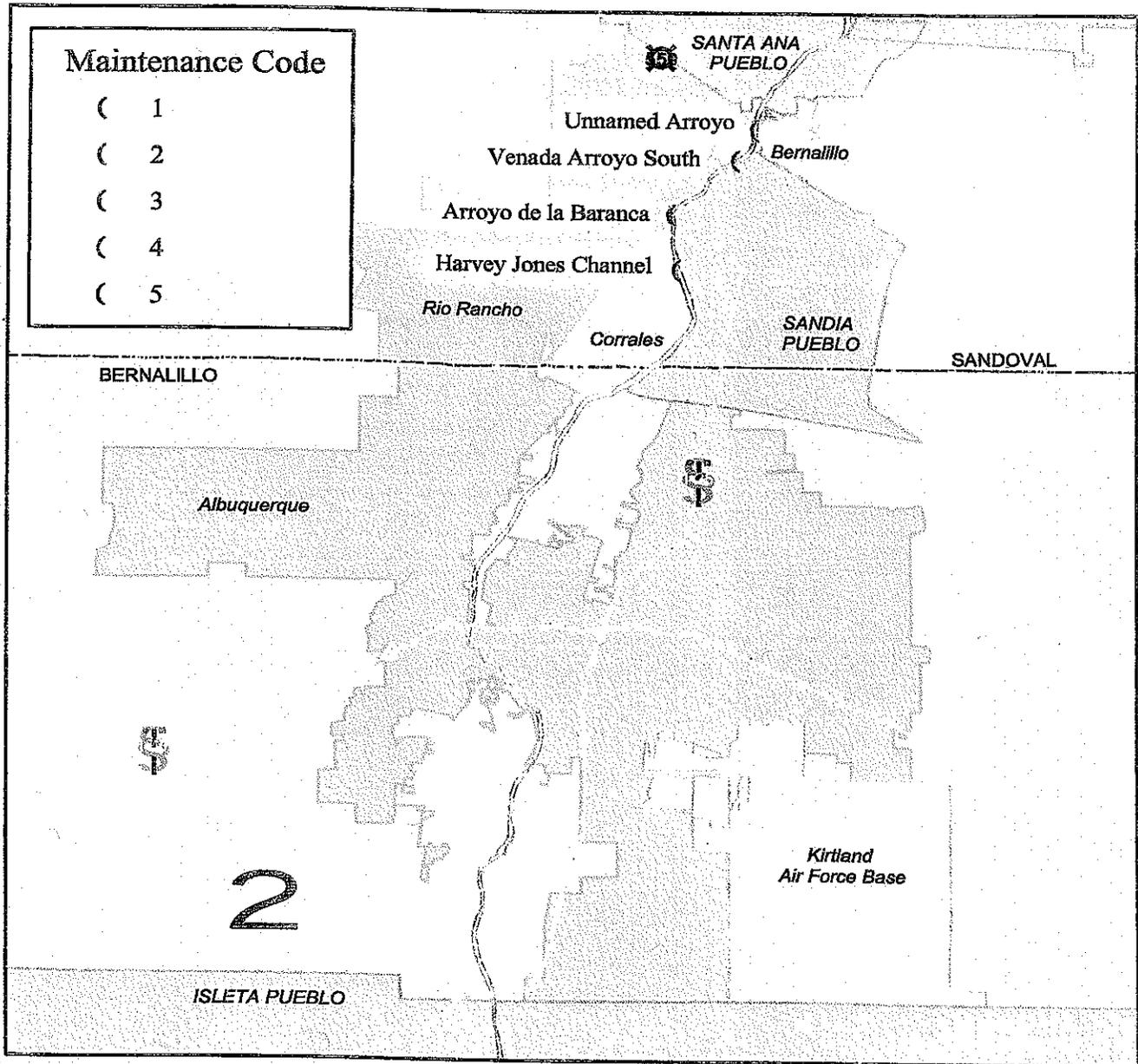
These governmental entities are not in a position to properly address the rapidly intensifying problem of flooding in this rapidly developing area, which is the fastest growing area in the state.

Their efforts are greatly restricted due to shortage of authority, funds, technical assistance, staff, equipment, and a lack of planning and implementation authority for the area in question.

It is unanimously agreed by all of these governmental entities that the flooding problem has outgrown the capability.

It is the consensus and desire of this group to pursue a state recognized organization which would be organized and function in a manner similar to that of the Albuquerque Metro Arroyo Flood Control Authority.

The formation of the proposed Southern Sandoval County Flood Control Authority would establish an organization responsible for planning and implementing flood control measures within the proposed boundaries.



Location of SSCAFCA storm water conveyance outfalls.