

## **APPENDIX A**

### Agency and Public Coordination

February 4, 2003

By Fax and by Regular Mail

Southwest Environmental Resources LLC  
PO # 6841  
Santa Fe, NM 87502

**ATTENTION: BRENDA MARTINEZ**

Thank you for the opportunity to make comments on the proposed crossing at South Meadows Drive Extension # ST-7549 (276); CN7322

El Camino Real River Connection (CRRRC) wants the following considerations to be taken into account.

**RESIDENTS** The opinion of the residents of the area should be given first consideration in all aspects of such a proposal as they are most directly affected.

**HISTORIC** The Santa Fe River is part of the National Historic Trail, El Camino Real de Tierra Adentro. Any crossing should be physically and artistically sensitive to and representative of the historic nature of this river corridor.

**ENVIRONMENTAL** The environmental impact and design of any crossing or road should involve experts on river restoration and stabilization such as the Santa Fe Watershed Association.

**PEDESTRIAN / BICYCLE PATH** Any proposed vehicle crossing should include a planning process that includes CRRRC affiliates for a possible public pedestrian/bicycle crossing and under-pass.

Approximately a hundred yards east of the current Agua Fria / South Meadows alignment with the Santa Fe River stands exists a stand of cottonwoods and a small park-like setting. This natural setting shall not be disturbed. A road or crossing here would be inappropriate.

**ATV'S and NONCONFORMING MOTORIZED TRAFFIC** There is a serious problem with ATV and other non-conforming motorized vehicles in the area permitting rapid degradation of the river and surrounding area. Any crossing or road shall restrict access to the maximum any non-conforming motorized traffic except to allow for the for health, safety and public welfare such as rescue or police vehicles.

Respectfully,

**Santa Fe Watershed  
Association**

PO Box 31160  
Santa Fe, NM 87594-1160  
(505) 820-1696; FAX 986-0339  
[sfwatershed@earthlink.net](mailto:sfwatershed@earthlink.net)



February 7, 2003

Brenda Martinez  
Southwest Environmental Resources LLC  
PO Box 6841  
Santa Fe, NM, 87502

**Re: South Meadows Drive crossing of Santa Fe River**

Dear Ms. Martinez:

With regard to the proposed crossing of the Santa Fe River: whatever location is selected for the crossing, we urge you to bridge the river with a clear span rather than having mid-channel support. Structures within the channel are problematic, often creating erosional/depositional dynamics that are damaging to the public work in question as well as posing problems for river restoration efforts. We would also ask that you minimize the distance that the road would follow the river, in order to preserve the quality of wildlife habitat that we plan to be restoring in the river, as well as the quality of the recreational experience on future river trails.

Sincerely,

(signed)  
Paige Anna Grant  
Executive Director

Marcos R. Trujillo  
Commissioner, District 1

Paul Duran  
Commissioner, District 2

Javier M. Gonzalez  
Commissioner, District 3



Paul Campus  
Commissioner, District 4

Jack Sullivan  
Commissioner, District 5

Estevan R. Lopez  
County Manager

February 5, 2003

Brenda Martinez, President  
Southwest Environmental Resources  
P.O. Box 6841  
Santa Fe, NM 87502

RE: South Meadows Drive Extension  
Project #ST-7549 (276); CN 7322

Dear Ms. Martinez,

Thank-you for informing county planning staff regarding the public meeting for the proposed extension of South Meadows Drive and for providing us with the PowerPoint presentation necessary to evaluate the project.

After reviewing the feasibility study that your group has prepared for the proposed road connection between Agua Fria Street and the frontage road for NM 599, and in the light of the pertinent sections of the Santa Fe Urban and Extraterritorial Future Roads Plan, staff of the Planning Division of Santa Fe County have the following comments and concerns.

The strategic considerations that the Arterial Roads Task Force (ARTF) has expressed in the Plan include the conviction that a two lane arterial road network is "both desirable and feasible". The ARTF concludes that all future roads, including the South Meadows extension, are viable as safe two lane roads, "even if future development of the region is unexpectedly intense". Consequently, county planning staff is concerned that the proposed road north of the river not be expanded to more than two lanes at any future date. The 80 foot right-of-way that has been acquired north of the river could possibly accommodate such an expansion, but such an expansion would be at odds with the intent of the Plan.

The ARTF has identified the extension of South Meadows road, across the river, to NM 599 as a first priority for the Agua Fria Sub region. It is important to the residents of the Agua Fria area that the road be connected all the way through to Airport Road to avoid unsafe conditions in the neighborhood of Jemez Road. Citizens have expressed their concern at public meetings and by providing a petition with over 100 signatures from area residents. Although the connection through to Airport Road is not within the purview of this project, it should be emphasized that the optimal solution for traffic flow in this area is to complete the connection through to Airport Road.

Planning staff recommend that an off the road trail be incorporated into the 80 foot right-of-way north of the Santa Fe River. The current design is inadequate to satisfy the recommendations of the ARTF (p. 35).

"L.01. Trails or sidewalks shall accompany all arterial, minor arterial, collector and sub-collector roads. Where a City or County Trails Plan is in effect, all trail connections prescribed by such plans shall be provided.

L.02. Off-the-road trail systems are preferable; therefore, Criterion L.01 may be satisfied by an internal trail system providing equivalent connectivity."

Of the four possible alignments presented, planning staff has prioritized their choices as follows:

1. Alignment C2. This alignment avoids the appearance of the extension of the frontage road along NM 599 and brings greater visibility to the Santa Fe River corridor as long as the r-o-w abuts the River corridor on the south. The Santa Fe County Growth Management Plan calls for the restoration and development of the Santa Fe River as an open space corridor. The C2 alignment allows for more possibilities for trails and pedestrian access along the river. A better alternative to C2 would be to align the new road south of the small parcels and set back from the floodplain of the river. This new alternative would also eliminate the need to accommodate the land owners of the four long lots.
2. Alignment C is the next preferable alternative.
3. Alignment B creates problem of access and design for future development of the large property. Success of the design is developer dependent.
4. Alignment A would create access problems for adjacent developments as well as creating the problem of essentially extending the NM frontage road. The extension of the frontage road is problematic in terms of visual and noise impacts.

Planning staff would like to emphasize that the ARTF designated the construction of South Meadow Drive Extension, from Airport Road to NM 599 as highest priority for this Sub region. The road is planned as a two lane arterial with requirements for pedestrian and bicycle trails within the right-of way. As currently conceived, the plan for the roadway north of the river does not accommodate the required trails.

Sincerely,



Judy A. McGowan  
Senior Planner  
Santa Fe County Planning Division

Xc: Jack Kolkmeier, Planning Division Director  
Roman Abeyta, Land Use Administrator  
Beth Mills, GIS Planner  
Robert Griego, Community Planner



6200 Jefferson NE  
Albuquerque, New Mexico 87109  
Phone: (505) 761-4400 Fax: (505) 761-4402  
Web site: [www.nm.nrcs.usda.gov](http://www.nm.nrcs.usda.gov)

January 23, 2003

Brenda Martinez  
SW Environmental  
PO Box 6841  
Santa Fe, New Mexico  
87502

Regarding the "South Meadows Drive Extension", Project # ST-7549 (276); CN 7322.

Dear Ms. Martinez:

The bridge over the Santa Fe river could have several resources concern areas associated with it. Floodplains must be maintained to allow for adequate over bank flooding to sustain any riparian vegetation next to the river. Many benefits occur from the riparian zone such as reduction of downstream flood energy, sediment reduction, increased bank water infiltration and wildlife habitat.

Restrictions in the river and floodplain due to bridges have caused increased energy downstream, increased sediment, increased bridge maintenance and reductions of wildlife habitat.

Wetlands must be avoided if present.

There are no prime farmlands in this area.

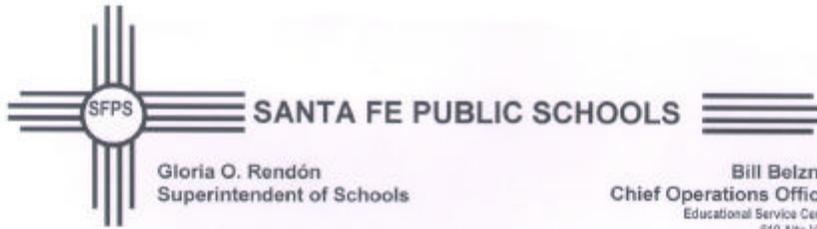
Cultural resources may be located in the area and the right of way must be surveyed. A check of the database will provide an indication of the amounts of resources in the area.

Thank you for the opportunity to comment.

Sincerely,

A handwritten signature in black ink, appearing to read "Rosendo Treviño III".

ROSENDO TREVIÑO III  
State Conservationist



**Bill Belzner**  
Chief Operations Officer  
Educational Service Center  
610 Alta Vista  
Santa Fe, NM 87505  
Telephone (505) 467-2029  
Facsimile (505) 954-2072  
bbelzner@mail.sfps.k12.nm.us

January 29, 2003

Brenda Martinez  
Southwest Environmental Resources LLC  
PO Box 6841  
Santa Fe NM 87502

Re: South Meadows Drive Extension  
Project #ST-7549 (276); CN 7322

Dear Ms. Martinez,

In reviewing the information in your letter dated January 5, 2003, the proposed construction of a connection between South Meadows Road at its intersection with Agua Fria Street, to the NM 599 Frontage Road at the Santa Fe County Road 62 crossing does not pose a significant impact to schools zoned for this area.

Sincerely,

  
Bill Belzner  
Chief Operations Officer



**Greg L. Solano**  
Sheriff  
986-2455  
gsolano@co.santa-fe.nm.us  
35 Camino Justicia - Santa Fe, New Mexico 87508

January 27, 2003

Brenda Martinez  
SW Environmental  
P.O. Box 6841  
Santa Fe, NM 87502

Dear Mrs. Martinez:

I have received and reviewed the letter you addressed to Major Madrid regarding South Meadows Drive Extension. I wanted to inform you that a Sergeant from our department has inspected the area of concern. It is our belief that this project will benefit those residing and working within Santa Fe County by reducing traffic on Agua Fria Street. In addition, the Santa Fe County Sheriff's Department will be better able to respond to calls in the area due to the fact that it will allow additional routes for units to arrive in a timely manner.

If you have any additional questions or if I can be of further assistance, do not hesitate to call me at 986-2455.

Sincerely,

A handwritten signature in black ink, appearing to read "Greg Solano".

Sheriff Greg L. Solano  
Santa Fe County  
Sheriff's Department

AN EQUAL OPPORTUNITY EMPLOYER



## United States Department of the Interior

FISH AND WILDLIFE SERVICE  
New Mexico Ecological Services Field Office  
2105 Osuna NE  
Albuquerque, New Mexico 87113  
Phone: (505) 346-2525 Fax: (505) 346-2542

January 21, 2003

Cons. # 2-22-03-1-152

Brenda Martinez, President  
Southwest Environmental Resources, LLC  
P.O. Box 6841  
Santa Fe, New Mexico 87502

Dear Ms. Martinez:

Thank you for your January 5, 2003, letter requesting comments and information on habitats that could be affected by the proposed City of Santa Fe South Meadows Drive Extension. The proposed project includes construction of a 0.75 mile connection road between South Meadows Road and NM 599, and construction of a bridge over the Santa Fe River. The project is located in the City of Santa Fe, Santa Fe County, New Mexico.

We have enclosed a current list of federally endangered, threatened, proposed, and candidate species, and species of concern that may be found in Santa Fe County, New Mexico. Additional information about these species is available on the Internet at <<http://nmrareplants.unm.edu>>, <<http://nrmhp.unm.edu/bisonm/bisonquery.php>>, and <<http://ifw2es.fws.gov/endangeredspecies>>.

Under the Endangered Species Act, as amended (Act), it is the responsibility of the Federal action agency or its designated representative to determine if a proposed action "may affect" endangered, threatened, or proposed species, or designated critical habitat, and if so, to consult with us further. If your action area has suitable habitat for any of these species, we recommend that species-specific surveys be conducted during the flowering season for plants and at the appropriate time for wildlife to evaluate any possible project-related impacts. Please keep in mind that the scope of federally listed species compliance also includes any interrelated or interdependent project activities (e.g., equipment staging areas, offsite borrow material areas, or utility relocations) and any indirect or cumulative effects.

Candidates and species of concern have no legal protection under the Act and are included in this document for planning purposes only. We monitor the status of these species. If significant declines are detected, these species could potentially be listed as endangered or threatened. Therefore, actions that may contribute to their decline should be avoided. We recommend that candidates and species of concern be included in your surveys.

With highway improvement and construction projects, we are particularly concerned with habitat fragmentation, the loss of connectivity for wildlife populations, and direct wildlife mortality. Ridges, draws, riparian areas, and arroyos are corridors frequently used by wildlife for movement and dispersal. When constructing or modifying highways, we recommend that structures be included at regular intervals to allow wildlife to safely pass from one side to the other. Such structures include large culverts, overpasses, underpasses, and tunnels. Because some species of wildlife will not move through confined openings, structures providing connectivity should be as large as possible. Bridges should be as tall as possible and the abutments as far apart as possible to allow safe passage under the bridge and along riparian corridors adjacent to the stream. Prior to removing old bridges, we recommend that you undertake surveys to determine if they are being used as bat roosts and when constructing or modifying bridges, we suggest that you design the undersides to provide bat roosting areas.

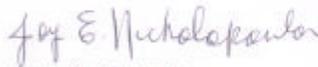
Under Executive Orders 11988 and 11990, Federal agencies are required to minimize the destruction, loss, or degradation of wetlands and floodplains, and preserve and enhance their natural and beneficial values. We recommend you contact the U.S. Army Corps of Engineers for permitting requirements under section 404 of the Clean Water Act if your proposed action could impact floodplains or wetlands. These habitats should be conserved through avoidance, or mitigated to ensure no net loss of wetlands function and value.

The Migratory Bird Treaty Act (MBTA) prohibits the taking of migratory birds, nests, and eggs, except as permitted by the U.S. Fish and Wildlife Service. To minimize the likelihood of adverse impacts to all birds protected under the MBTA, we recommend construction activities occur outside the general migratory bird nesting season of March through August, or that areas proposed for construction during the nesting season be surveyed, and when occupied, avoided until nesting is complete.

We suggest you contact the New Mexico Department of Game and Fish, and the New Mexico Energy, Minerals, and Natural Resources Department, Forestry Division for information regarding fish, wildlife, and plants of State concern.

Thank you for your concern for endangered and threatened species and New Mexico's wildlife habitats. In future correspondence regarding this project, please refer to consultation # 2-22-03-1-152. If you have any questions about the information in this letter, please contact John Branstetter at the letterhead address or at (505) 346-2525, ext. 4753.

Sincerely,



Joy E. Nicholopoulos  
Field Supervisor

Enclosure

cc: (w/o enc)

Director, New Mexico Department of Game and Fish, Santa Fe, New Mexico  
Director, New Mexico Energy, Minerals, and Natural Resources Department, Forestry  
Division, Santa Fe, New Mexico

FEDERAL ENDANGERED, THREATENED,  
PROPOSED, AND CANDIDATE SPECIES  
AND SPECIES OF CONCERN IN NEW MEXICO  
Consultation Number 2-22-03-1-152  
July 19, 2004

Santa Fe County

ENDANGERED

Southwestern willow flycatcher (*Empidonax traillii eximius*)

THREATENED

Bald eagle (*Haliaeetus leucocephalus*)  
Mexican spotted owl (*Strix occidentalis lucida*)

CANDIDATE

Yellow-billed cuckoo (*Coccyzus americanus*)

SPECIES OF CONCERN

New Mexican meadow jumping mouse (*Zapus hudsonius luteus*)  
Townsend's big-eared bat (*Corynorhinus townsendii*)  
American peregrine falcon (*Falco peregrinus anatum*)  
Arctic peregrine falcon (*Falco peregrinus tundrius*)  
Baird's sparrow (*Ammodramus bairdii*)  
Mountain plover (*Charadrius montanus*)  
Northern goshawk (*Accipiter gentilis*)  
Western burrowing owl (*Athene cunicularia hypugae*)  
Rio Grande sucker (*Carostomus plebeius*)  
Santa Fe cholla (*Opuntia viridiflora*)

## Index

- Endangered = Any species which is in danger of extinction throughout all or a significant portion of its range.
- Threatened = Any species which is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range.
- Candidate = Candidate Species (taxa for which the Service has sufficient information to propose that they be added to list of endangered and threatened species, but the listing action has been precluded by other higher priority listing activities).
- Species of Concern = Taxa for which further biological research and field study are needed to resolve their conservation status OR are considered sensitive, rare, or declining on lists maintained by Natural Heritage Programs, State wildlife agencies, other Federal agencies, or professional/academic scientific societies. Species of Concern are included for planning purposes only.



PATRICK H. LYONS  
COMMISSIONER

*State of New Mexico*  
*Commissioner of Public Lands*  
310 OLD SANTA FE TRAIL  
P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE  
Phone (505) 827-5760  
Fax (505) 827-5766  
[www.nmstatelands.org](http://www.nmstatelands.org)

February 11, 2003

Ms. Brenda Martinez  
Southwest Environmental Resources, LLC  
PO Box 6841  
Santa Fe, NM 87502

RE: South Meadows Drive Extension  
Project #ST-7549 (276); CN 7322

Dear Ms. Martinez:

Thank you for the opportunity to comment on the proposed alignments for the above-referenced projects. Portions will encumber Section 36, Township 17 North, Range 9 East within the SE1/4, which is land held in trust by this office for the common schools of New Mexico.

If the project comes to fruition, the New Mexico State Land Office would prefer either proposed alignments "A" or "C-1". Both of these will encumber the west or east edges of the subject state land property and will allow future development of the property. If alignment "C-2" is selected, the Land Office would prefer the road be aligned in such a way that our property will have sufficient frontage for at least one access point which can be used to facilitate development on the site.

Regardless of which alignment is chosen for the extension of South Meadows, if it crosses state trust land, we will be happy to work with you on the necessary right-of-way easements and right-of-entry permits for surveying and other short-term activities which may be necessary prior to construction.

*"WORKING FOR EDUCATION"*

Ms. Brenda Martinez  
February 11, 2003  
Page - 2 -

If you have further questions, you may contact David Coss at 827-5733 or Marcus Garcia at 827-5742.

Sincerely,



JERRY KING  
Assistant Commissioner for  
Surface Resources

Cc: Dave Coss  
Marcus Garcia

JK/mjg/dc



# el camino real river connection (CRRC)



200 WEST DE VARGAS, SUITE 2  
SANTA FE, NEW MEXICO 87501  
505-982-4732

February 4, 2003 **By Fax and by Regular Mail**

Southwest Environmental Resources LLC  
PO # 6841  
Santa Fe, NM 87502

**ATTENTION: BRENDA MARTINEZ**

Thank you for the opportunity to make comments on the proposed crossing at South Meadows Drive Extension # ST-7549 (276); CN7322

El Camino Real River Connection (CRRC) wants the following considerations to be taken into account.

**RESIDENTS** The opinion of the residents of the area should be given first consideration in all aspects of such a proposal as they are most directly affected.

**HISTORIC** The Santa Fe River is part of the National Historic Trail, El Camino Real de Tierra Adentro. Any crossing should be physically and artistically sensitive to and representative of the historic nature of this river corridor.

**ENVIRONMENTAL** The environmental impact and design of any crossing or road should involve experts on river restoration and stabilization such as the Santa Fe Watershed Association.

**PEDESTRIAN / BICYCLE PATH** Any proposed vehicle crossing should include a planning process that includes CRRC affiliates for a possible public pedestrian/bicycle crossing and under-pass.

Approximately a hundred yards east of the current Agua Fria / South Meadows alignment with the Santa Fe River stands exists a stand of cottonwoods and a small park-like setting. This natural setting shall not be disturbed. A road or crossing here would be inappropriate.

**ATV'S and NONCONFORMING MOTORIZED TRAFFIC** There is a serious problem with ATV and other non-conforming motorized vehicles in the area permitting rapid degradation of the river and surrounding area. Any crossing or road shall restrict access to the maximum any non-conforming motorized traffic except to allow for the for health, safety and public welfare such as rescue or police vehicles.

Respectfully,  
*Nicholas Lichen 438-1534*



BILL RICHARDSON  
GOVERNOR

State of New Mexico  
**ENVIRONMENT DEPARTMENT**

Office of the Secretary  
Harold Runnels Building  
1190 St. Francis Drive, P.O. Box 26110  
Santa Fe, New Mexico 87502-6110  
Telephone (505) 827-2855  
Fax (505) 827-2836  
Fed Ex (87505)



RON CURRY  
SECRETARY

January 17, 2003

Brenda Martinez, President  
Southwest Environmental Resources LLC  
PO Box 6841  
Santa Fe, NM 87502

Dear Ms. Martinez:

RE: **SOUTH MEADOWS DRIVE EXTENSION DRIVE EXTENSION; PROJECT # ST-7549 (276); CN 7322**

The New Mexico Environment Department (NMED) staff reviewed the information on the above-referenced project included in your January 5, 2003 correspondence to the Department. The following comments are based on the information received.

The U.S. Environmental Protection Agency (USEPA) requires National Pollutant Discharge Elimination System (NPDES) permit coverage for storm water discharges from construction projects (common plans of development) that will result in the disturbance (or re-disturbance) of five or more acres (one or more acres after March 10, 2003), including expansions, of total land area. Because this project appears to exceed five acres (but certainly 1 acre), it will require appropriate NPDES permit coverage prior to beginning construction.

Among other things, this permit requires that a Storm Water Pollution Prevention Plan (SWPPP) be prepared for the site and that appropriate Best Management Practices (BMPs) be installed and maintained both during and after construction to prevent, to the extent practicable, pollutants (primarily sediment, oil & grease and construction materials from construction sites) in storm water runoff from entering waters of the U.S. This permit also requires that permanent stabilization measures (revegetation, paving, etc.), and permanent storm water management measures (storm water detention/retention structures, velocity dissipation devices, etc.) be implemented post construction to minimize, in the long term, pollutants in storm water runoff from entering these waters.

You should also be aware that EPA requires that all "operators" (see **Federal Register/Vol. 63, No. 128/Monday, July 6, 1998 pg 36509**) obtain NPDES permit coverage for construction projects. Generally, this means that at least two parties will require permit coverage. The owner/developer of this construction project who has operational control over project specifications (Santa Fe County in this case), the general contractor who has day-to-day operational control of those activities at the site, which are necessary to ensure compliance with the storm water pollution plan and other permit conditions, and possibly other "operators" will require appropriate NPDES permit coverage for this project.

In addition, under the NPDES Phase II Storm Water Regulations published in **Federal Register/Vol. 64, No. 235/Wednesday, December 8, 1999, p.68722**, USEPA require that

Brenda Martinez  
January 17, 2003  
Page 2

Santa Fe County obtain NPDES storm water permit coverage for its Municipal Separate Storm Sewer System (MS4) by March 10, 2003. This permit program requires that MS4 operators develop, implement, and enforce a storm water management program to reduce the discharge of pollutants from its MS4 to the "maximum extent practicable" and protect water quality. NMED strongly suggests that Santa Fe County examine the potential impacts to water quality and its ability to appropriately control pollutant loads from its storm sewer system during the review process for the subject, as well as all other, projects which may impact water quality.

You should also be aware that any excavation or placement of fill which will take place in "waters of the United States" (including ephemeral drainages) may require a Clean Water Act, Section 404 permit from the U.S. Army Corps of Engineers (COE).

We appreciate the opportunity to comment on this project.

Sincerely,



Gedi Cibas, Ph.D.  
Environmental Impact Review Coordinator

NMED File No. 1682ER



DEPARTMENT OF THE ARMY  
ALBUQUERQUE DISTRICT, CORPS OF ENGINEERS  
4101 JEFFERSON PLAZA NE  
ALBUQUERQUE, NEW MEXICO 87109-3435  
FAX (505) 342-3498

January 14, 2003

REPLY TO  
ATTENTION OF:  
Operations Division  
Regulatory Branch

Ms. Brenda Martinez  
Southwest Environmental Resources, LLC  
P.O. Box 6841  
Santa Fe, New Mexico 87502-6841

Dear Ms. Martinez:

This replies to your January 5, 2003 (typo of 2002), letter regarding Santa Fe County's proposed South Meadows Road crossing (CN 7322) in the Santa Fe River near Santa Fe, Santa Fe County, New Mexico. We have assigned Action No. 2002 00686 to this activity.

A copy of our November 8, 2002, jurisdictional determination letter to Mr. George Herrera of Gannett Fleming West is enclosed. The information in the letter remains valid regarding Section 404 permit requirements for the proposed project.

If you have any questions regarding this determination, please feel free to write or call me at (505) 342-3216 or e-mail at [jean.e.manger@usace.army.mil](mailto:jean.e.manger@usace.army.mil).

Sincerely,

A handwritten signature in cursive script that reads "Jean E. Manger".

Jean E. Manger  
Regulatory Project Manager

Enclosure



DEPARTMENT OF THE ARMY  
ALBUQUERQUE DISTRICT, CORPS OF ENGINEERS  
4101 JEFFERSON PLAZA NE  
ALBUQUERQUE, NEW MEXICO 87109-3435  
FAX (505) 342-3498

MANGER/jem/3216 *Jem*

November 8, 2002

REPLY TO  
ATTENTION OF  
Operations Division  
Regulatory Branch

Mr. George Herrera, P.E.  
Gannett Fleming West, Inc.  
2155 Louisiana Boulevard, NE, Suite 9000  
Albuquerque, New Mexico 87110

Dear Mr. Herrera:

This replies to your November 4, 2002, agency scoping meeting announcement regarding Santa Fe County's proposed South Meadows Road crossing (CN 7322) in the Santa Fe River near Santa Fe, Santa Fe County, New Mexico. We have assigned Action No. 2002 00686 to this activity.

We have reviewed the project description, other records, and documents available to us. The proposed project is regulated under the provisions of Section 404 of the Clean Water Act and a Department of the Army permit will be required for the project. This determination was made because the Santa Fe River, a tributary of the Rio Grande, is a jurisdictional water of the United States. Discharges of dredged and fill material into waters of the United States require authorization under Section 404 of the Clean Water Act. Types of discharges may include piers, abutments, abutment protection, grade control, channelization, bank protection, or other fills.

Santa Fe County should submit a permit application as soon as project design features are known to insure that construction plans are not delayed by the permit processing. One or more nationwide permits may apply to the proposed project. The application form, information about the nationwide permits, and other regulatory information may be obtained on our web site at [www.spa.usace.army.mil/reg/](http://www.spa.usace.army.mil/reg/). Please submit with the application a copy of any environmental analysis or Environmental Impact Statement that may have been prepared for the project.

Section 404 regulations recommend that the project be designed to avoid or minimize the discharge of dredged or fill material into waters of the United States. The project must comply with all applicable floodplain regulations. Any permit issued by the Corps of Engineers will not authorize any injury to

*18900 Time*

the property or rights of others, including interference with or damage to any existing or proposed Federal project.

We appreciate this opportunity to comment on the proposed project. If you or Santa Fe County have any questions regarding this determination, please feel free to write or call me at (505) 342-3216 or e-mail at [jean.e.manger@usace.army.mil](mailto:jean.e.manger@usace.army.mil).

Sincerely,

**SIGNED**

Jean E. Manger  
Regulatory Project Manager



GANNETT FLEMING WEST, INC.  
460 St. Michael's Drive  
Suite 605  
Santa Fe, New Mexico 87506

Office (505) 820-7020  
Facsimile (505) 820-7109

April 2, 2003

Mr. James Lujan  
Public Works Director  
Santa Fe County  
P.O. Box 276  
Santa Fe, New Mexico 87504-0276

Attn: Gino DeAngelis, P.E.

**RE: South Meadows Road Location Study & Preliminary Design, Meetings with  
the BLM, ST-7549(276)**

Dear Mr. Lujan:

This letter documents the two meetings held with the Bureau of Land Management (BLM) regarding the roadway alignment being considered for subject project that would cross BLM land.

A meeting was held on **March 14, 2003** in Taos with BLM staff to discuss the proposed project and to discuss the possibility of studying potential alignments through BLM land. The following were present:

Sam DesGeorges	-	BLM
Hal Knox	-	BLM
Sharon Churchill	-	BLM
James Lujan	-	Santa Fe County
George Herrera	-	Gannett Fleming West, Inc.

The BLM was informed that the Location studies for the proposed South Meadows extension had already been initiated. Santa Fe County is the lead agency, and is developing this project through Severance Tax funding administered by the New Mexico State Highway & Transportation Department (NMSHTD). The initial phases of the project were developed following the NMSHTD's Location Study Procedures (NEPA process). Activities completed to date include 1) Agency Scoping Meeting, 2) development of initial alternatives, 3) Agency/Tribal Consultation, 4) public information meeting, 5) initial Engineering and Environmental investigations. As per the joint powers agreement between the County and the NMSHTD, this project was to be developed as a "Checklist/Certification" type project, which does not require extensive approving agency review of the location studies and associated documentation. Based on the preliminary findings to date, as well as agency and public input, there appears to be support for the proposed extension of South Meadows Road.

Based on the initial findings, as well as agency and public input, some of the more favorable alignments being considered would cross a parcel of BLM land. The BLM expressed their desire to cooperate with the County in studying an alignment for the South Meadows Road extension through BLM land. Their conditions to do so are as follows:

1. That a Memorandum of Understanding (MOU) between BLM and Santa Fe County be developed for the proposed action. BLM suggested that the State Land Office (SLO) also be made a cooperating agency since they own adjacent lands.
2. That the Archaeological site located on the southern part of the property be avoided.
3. Santa Fe County submit an application for Right-of-Way to the BLM if the alignment chosen is the one that crosses BLM land.
4. Santa Fe County develop the Location Studies following BLM's NEPA procedures and review process. The BLM also has their own requirements for selecting NEPA contractors (party who prepares the Environmental documentation). BLM would become the approving agency for the Environmental document, which is anticipated to be an EA/FONSI type document.

BLM concurred that most of the initial efforts undertaken as a part of the Location Studies could be salvaged (i.e. Agency Scoping Meeting, initial engineering and preliminary environmental studies, Public Information meeting, Tribal consultation, etc.), however all BLM requirements would still need to be met.

Hal Knox will be the County's point of contact. Sharon Churchill will review and approve the environmental documentation.

A follow-up meeting was held with BLM on **April 1, 2003** in Santa Fe. The following were present:

Hal Knox	-	BLM
Linda MacIntyre	-	SLO
Gino DeAngelis	-	Santa Fe County Public Works
George Herrera	-	Gannett Fleming West

Hal Knox presented some sample MOU's for consideration for this project. Hal asked that these be reviewed and that he be provided comments. BLM will develop the final version. It was agreed upon that the MOU should be kept as simple as possible.

The issue of whether or not the SLO needed to be a part of the MOU, as a cooperating agency, was discussed. Ms. MacIntyre stated that typically they did not need to enter into these type of agreements, and preferred to just continue their involvement as a review agency; they have been involved with the project since the early stages and would like to stay involved as an active partner. She will follow-up on this issue, however, and will inform the BLM and Gannett Fleming West of their decision.

Ms. MacIntyre stated that the SLO would like to maximize the value of the adjacent State Land and would therefore want access provided to it from South Meadows Road. This will require negotiations with one or two private property owners.

I informed the BLM that Gannett Fleming West is in the process of obtaining the services of an Environmental sub-consultant that has prior experience with developing BLM projects and has worked with the BLM's Environmental staff in the past. Our archaeological sub-consultant is also permitted to do work with the BLM. An archaeological report has already been prepared for the existing archaeological site located on BLM land; this was previously done in anticipation of a proposed land swap that did not occur. Preliminary Cultural resource studies for the remainder of the study area have also been initiated as a part of the Location study process. Mr. Knox stated that BLM will need to review the archaeology report. In an effort to maintain continuity, we also

propose to keep our current environmental sub-consultant on the team for the public involvement efforts.

Mr. Knox stated that the County will need to develop a full "Plan of Development" (POD). The POD would describe things such as the "How, When, Where", legal description of property required, impacts to BLM, etc. This would need to be a written document, which could be used to supplement the EA. Mr. Knox will provide a sample POD to the County. I explained to Mr. Knox that we cannot provide a legal description until the studies are completed, an alignment is selected, and right-of-way surveys completed.

The need for the County to submit an application for Right-of-way to the BLM was reiterated.

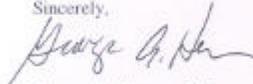
An additional public meeting will be required.

Due to the anticipated review time required by the BLM, there were concerns that the current schedule of 7/31/03 could not be met. It was recommended that the contract deadline be delayed by 2 months to allow for the required review time.

It was suggested that a meeting between Hal Knox, Sharon Churchill, George Herrera, Gino DeAngelis, and the Environmental sub-consultant be scheduled as soon as possible to initiate the coordination for the environmental documentation. George Herrera will coordinate the meeting.

As discussed, I will follow up with a revised scope of services reflecting the BLM requirements, and will include a breakdown of our new environmental sub-consultant's services.

Sincerely,



George A. Herrera, P.E.  
Senior Project Manager – GFW

/gah

cc: Hal Knox, BLM  
Linda MacIntyre, SLO  
Teresa Engles, LGB  
Brenda Martinez, SWER  
Miguel Gabaldon, NMSHTD  
Steven Reed/Erin Trujillo, NMSHTD  
Marcos Mendiola, SF County  
Daniel Razatos, SF County  
Mike Malloy

## Phase A Public Involvement

The first public information meeting was held Wednesday, January 15, 2003 at Agua Fria Elementary School, located at 3160 Agua Fria Road, Santa Fe, NM, 87505. Prior to the meeting, display notices for this public meeting were placed in the Santa Fe New Mexican. Meeting notices were mailed out to over 600 residences, neighborhood associations, and stakeholders in the project area. Notices were posted at the Agua Fria Elementary School, the Santa Fe Baptist Church, the Santa Fe County Fire Department, and La Familia Medical Center.

Approximately 25 people attended the meeting, not including study team members. An open-house format was used for the meeting, with a brief presentation at 7:15 p.m. Santa Fe County opened the meeting with team introductions, and an explanation of the purpose of the meeting. Gannett Fleming West proceeded to describe the need for the project and the engineering factors to be analyzed. Gannett Fleming West presented four initial alignment alternatives developed and being considered. Southwest Environmental discussed the environmental analyses that will be conducted, the public involvement process, and ways to comment on the project. Participants of the meeting were then given the opportunity to voice their comments, concerns, and questions in a question-and-answer session. Seventeen (17) written comments were received.

Fifteen questions/comments were posed at the time. Santa Fe County transcribed the proceedings.

In general, issues/concerns raised at the first public information meeting included the following:

1. Is Alignment A the only one that will give Cottonwood Mobile Home Park direct access? If so, shouldn't sidewalks be provided?
2. Is there a timeline that there will be funding for the project?
3. Is 1 year the earliest timeline for construction?
4. The part that concerns me is where South Meadows connects to Airport Road. Any timeline on that?
5. The connection at Cottonwood; is that intended to provide an easement for the general public for traffic to get to Agua Fria Street?
6. As the road is being planned for future development, are there plans for utility expansion along this road besides the storm sewer? Expansion of water lines? Underground electricity and so on?
7. Option B, is that about 300 feet from the river? I am concerned that this option might present a change in the environment along the river, which would mean visual and maybe noise. Is this something that is being looked into?
8. Is Rufina going to see relief from this road? Can it be included in the traffic study so that we can see if Rufina will see some relief?
9. As a private landowner, I favor the alignments that go across me. I think the middle alignment hurts the value of my property.

10. The Trust for Public Lands has been working with various entities around the river hoping that in some ways we can restore the floodplain, whether it is keeping some of the trees alive in areas where they are currently alive, or further down the river. For instance the City, County, State Land Office, and Camino Real River Connection have been working with the Trust to create open space area and park further down river. Please make sure that you incorporate any potential future things that could happen. Right now there isn't a plan to put a trail through the project area. It depends upon what the community wants. For NM 599 there were efforts to create an underpass in two different areas so that there could be the potential for trails in the future. I hope that we can incorporate this into the bridge structure as well, particularly north of the river. I agree with the landowner that spoke before me, if we can maximize his property value and not have the alignment bisect his property we should keep that into consideration.
11. What type of traffic control is planned for the new intersection? There will be increased traffic.
12. The NMDOT expressed preference for alignment C-2 because of the intersection geometry.
13. I would like to see coordination with the NMSHTD regarding traffic counts and proposed improvements. Look at this in the long-term.
14. I am a transit (bus) user and would like to see more people using a transit system. Is transit being considered as part of this project?
15. Do all aspects of the design including design speeds meet arterial roads task force criteria?
16. My comments are in favor of the South Meadows extension, and prefer the route that goes along the river and then to the north.
17. I would like traffic to flow slowly. Choose the alignment that would cause traffic to go 30 mph or slower. I would like the section between Airport Road and Agua Fria to not connect or at least to be delayed as long as possible.
18. We would like to see some walking trails on the north side of the Santa Fe River.
19. Thank you for the great presentation, it was very productive and informative.
20. I am aware that the option to place the South Meadows extension along the river may solve some problems that the other options do not, therefore it may be optimal to place the South Meadows extension along the river. However, I hope, if this option is approved that there would be other considerations and improvements that would be required and put into place that would mitigate traffic so close to the river corridor. These might include a trail easement for pedestrian, cycle, and equestrian use along with a small trail head and parking, possibly some landscaping and grade design to reduce traffic sounds and extreme visibility from the river, and limiting the road extension to 2 lanes in perpetuity.

Agency and Interest Group comments included:

1. Need to incorporate trails into design.
2. Alignment C-2 most preferable (river visibility, trails, etc.)
3. Alignment B creates problems of access and design for future development.
4. Alignment A would create access problems.

5. Bridge over Santa Fe River could have several resources concern areas associated with it. Must maintain floodplains.
6. Wetlands must be avoided if present.
7. No prime farmlands located in area.
8. Cultural resources may be located in the study area.
9. Proposed extension does not pose significant impact to schools zoned for this area.
10. River crossing should be physically and artistically sensitive to and representative of the historic nature of this river corridor.
11. Design of any crossing should involve experts on river restoration and stabilization.
12. Any proposed vehicle crossing should include a planning process that includes Camino Real River Connection affiliates for possible public pedestrian/bicycle crossing and underpass.
13. Stand of cottonwoods located to the east of the alignment should not be disturbed.
14. There is a serious problem with ATV and other non-conforming motorized vehicles in the area permitting rapid degradation of the river and surrounding area. Crossing should restrict access.
15. We urge that the bridge over the river be bridged with a clear span rather than having a mid-channel support. We also ask that you minimize the distance that the road would follow the river.
16. It is our belief that the project will benefit those residing and working within Santa Fe County by reducing traffic on Agua Fria Street. In addition, the Sheriff's Department will be better able to respond to calls in the area due to the fact that it will allow additional routes for units to arrive in a timely manner.
17. The NM Game & Fish does not anticipate significant impacts from the proposed project.
18. The proposed project is regulated under the provisions of Section 404 of the Clean Water Act and a DOA permit will be required.
19. The USEPA requires NPDES permit coverage for storm water discharges.
20. USDOJ has provided list of federally endangered species for to assess if proposed action "may affect" said species, along with associated requirements.

## BATIE ENVIRONMENTAL SERVICES, LLC

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September 14, 2003

Southwest Environmental Resources  
Brenda Martinez  
PO Box 6841  
Santa Fe, NM 87502

Dear Brenda,

This letter serves as my environmental findings following Biological and Threatened and Endangered (T&E) Species Surveys and Wetland Delineation that I have completed for the proposed extension of Southwest Meadows Drive in the City of Santa Fe, Santa Fe County, New Mexico. These surveys included the necessary area for all proposed alternatives.

Biological and T&E Species surveys were completed on December 16, 2003. Prior to completion of the surveys research was done to identify any possible threatened or endangered plant or animal species that could be found in the area of this property. Websites for threatened and endangered species lists provided by the United States Fish and Wildlife Service and the New Mexico Department of Fish and Game were consulted, as well as, the listing of rare plants provided by the New Mexico Rare Plants Technical Council. These lists are included as attachments.

### Vegetation

The project area is located in the Desert Grassland vegetation type (Dick-Peddie 1993). The majority of this surveyed area is relatively flat and vegetation is consistent with this vegetation type. Three areas where the vegetation is lacking are located in the southwest corner between Alignments A and B where the ground is almost completely devoid of vegetation, a fenced area on Alignment A near County Road 62 that has been recently tilled, and an area in the western half that was previously excavated for borrow material. In addition, the surveyed area has numerous roads throughout and is used by all-terrain vehicles. The southeastern portion of the surveyed area includes the proposed location where South Meadows Drive will cross the Santa Fe River. At this river crossing there is an existing water crossing. The water crossing is unimproved; however, the banks on either side of the Santa Fe River arroyo have been graded to allow easier crossing.

Vegetation consists of native species. Dominant grass species include blue grama (*Sotolocua gracilis*), Indian ricegrass (*Oryzopsis hymenoides*), perennial muhlenbergia (*Muhlenbergia sp.*), and sand dropseed (*Sporobolus cryptandrus*). Several shrub species were also located in the surveyed area and include big sagebrush (*Artemisia tridentata*), four-wing saltbrush (*Atriplex canescens*), rabbitbrush (*Ericameria nauseosa*), and winterfat (*Eumtia lanata*). Tree species are limited to an area of cottonwood trees in the south central portion of the surveyed area, a few scattered juniper trees throughout, and two coyote willow trees found in the west. There are numerous other annual and perennial forb species that

include Russian thistle (*Salsola kali*), tree cholla (*Opuntia imbricata*), prickly pear (*Opuntia polyacantha*), yucca (*Yucca glauca*), and many other species.

#### Wildlife

The native vegetation and undeveloped nature of this property and the surrounding property makes it good habitat for native wildlife. Wildlife species expected to inhabit this habitat type include rabbits (*Lepus* spp. and *Sylvilagus auduboni*), coyotes (*Canis latrans*), and numerous smaller mammals and reptiles (field mice, small lizards, and snakes). Ravens (*Corvus corax*) also frequent this area. Animal species seen during the biological survey included ravens, ants, and several small unused animal burrows. No other physical signs of wildlife were found during the biological survey.

#### Threatened and Endangered Species and Migrating Birds

The FWS and the NMGF keep lists of federally and state listed plant and animal species. These species are protected from harm by the Endangered Species Act of 1973 (as amended) (ESA). Research completed prior to the threatened and endangered species survey identified no suitable habitat for any state or federally listed T&E animal or plant species.

Two plant species considered to be rare by the New Mexico Rare Plants Technical Council were identified as having possible suitable habitat in the project area. These species are the Santa Fe cholla (*Opuntia viridiflora*) and the Santa Fe milkvetch (*Astragalus feensis*). Neither of these species are afforded protection under the ESA but were included in the T&E survey to ensure no further reductions in their population would occur as a result of this project.

No suitable habitat for any federal or state listed T&E species and no designated critical habitat is located on this property. In addition, no T&E or rare species were seen during the Threatened and Endangered Species survey. Therefore, no federally or state listed T&E or rare species will be impacted by the extension of South Meadows Drive.

This area does provide suitable pass-through and summer habitat for migrating bird species. No migrating birds or nests were seen during the biological survey and no burrows suitable for burrowing owls were found. Because the biological survey was completed in December, outside of the yearly migration period, no migratory bird species were expected. However, if grading for the roadbed, tree removal, or any other ground disturbance is to occur between March and September it is recommended that a migratory bird survey be completed prior to this construction.

#### Wetlands

A wetland delineation of the Santa Fe River arroyo was completed on December 16, 2003 in accordance with the U.S. Army Corp of Engineers (COE) 1987 Manual. Delineation forms are included as attachments. The Santa Fe River at the proposed road crossing was found to have an atypical soil profile. This is due to drainage construction that has recently been completed at this location. Drainage improvements at this location include a box culvert located to the southeast of the proposed road crossing and a concrete "footing" (approximately 1 foot wide) that was placed across the arroyo perpendicular to the flow of water. In addition, there is an existing unimproved roadway that crosses the arroyo at this location that may have further influenced the soils.

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September 14, 2003

Although hydrologic characteristics are present, there is no vegetation in the area of impact in the Santa Fe River arroyo. Therefore, no wetlands are present in the Santa Fe River at this location. No other wetlands were found in the surveyed area.

#### Conclusions

As a result of the Biological and T&E surveys suitable habitat for native vegetation and wildlife, two rare plant species, and migratory birds was found. Some native vegetation will be permanently lost due to construction of the proposed extension of South Meadows Drive. However, no suitable habitat or critical designated habitat for any state of federally listed T&E species was found and no T&E or rare species were seen. No T&E or rare species will be affected by construction of this roadway.

No migratory birds were seen in the surveyed area and no burrows suitable for burrowing owls were located. However, due to the completion of the survey in December it is recommended that a migratory bird survey be completed prior to construction if any cottonwood trees are going to be removed or if any grading or other earthwork activities will occur between March and September.

No wetlands were found within the area of the proposed crossing of the Santa Fe River arroyo. No mitigation or further investigation is needed.

Sincerely,

Jessica L. Bate  
President

Attachments

## APPENDIX B

### Sensitive Plant & Animal Species List

New Mexico Species of Concern - Santa Fe County

Page 1 of 2

Common Name	SCIENTIFIC NAME	FWO		BLN		SN		PWS	PWC
		SEA	WCA	ES	SN	SN	SN		
Rio Grande Chub	<i>Gila pandora</i>	-	-	-	-	-	-	-	-
Flathead Chub	<i>Platypholis gracilis</i>	-	-	-	-	-	-	-	-
Rio Grande Sucker	<i>Catostomus plebeius</i>	-	-	-	-	-	-	-	-
Northern Leopard Frog	<i>Rana pipiens</i>	-	-	-	-	-	-	-	-
Texas Horned Lizard	<i>Phrynosoma cornutum</i>	-	-	-	-	-	-	-	-
Desert Spiny-tailed	<i>Lampropeltis getula splendida</i>	-	-	-	-	-	-	-	-
White-faced Ibis	<i>Flapalis cithi</i>	-	-	-	-	-	-	-	-
Osprey	<i>Pandion haliaetus carolinensis</i>	-	-	-	-	-	-	-	-
Bald Eagle	<i>Haliaeetus leucocephalus</i>	NO.T	mg	T	-	-	-	-	-
Northern Osprey	<i>Accipiter gentilis</i>	-	-	-	-	-	-	-	-
Swainson's Hawk	<i>Buteo swainsoni</i>	-	-	-	-	-	-	-	-
Zone-tailed Hawk	<i>Buteo albionotus</i>	-	-	-	-	-	-	-	-
Ferruginous Hawk	<i>Buteo regalis</i>	-	-	-	-	-	-	-	-
American Peregrine Falcon	<i>Falco peregrinus anatum</i>	SN	m	T	-	-	-	-	-
White-tailed Ptarmigan	<i>Lagopus leucurus altipetens</i>	-	-	-	-	-	-	-	-
Sora	<i>Perona carolina</i>	-	-	-	-	-	-	-	-
Whooping Crane	<i>Grus americana</i>	EXPN	E	mg	E	-	-	-	-
Western Snowy Plover	<i>Charadrius alexandrinus nivosus</i>	-	-	-	-	-	-	-	-
Mountain Plover	<i>Charadrius montanus</i>	PT	-	-	-	-	-	-	-
Flashed Owl	<i>Otus flammeolus</i>	-	-	-	-	-	-	-	-
Burrowing Owl	<i>Athene cucularia hypugaea</i>	-	-	-	-	-	-	-	-
Mexican Spotted Owl	<i>Strix occidentalis lucida</i>	T	bag	-	-	-	-	-	-
Barn Owl	<i>Asio fuscus</i>	-	-	-	-	-	-	-	-
Black Drift	<i>Cypseloides niger borealis</i>	-	-	-	-	-	-	-	-
Belted Kingfisher	<i>Ceryle alcyon</i>	-	-	-	-	-	-	-	-
Southwestern Willow Flycatcher	<i>Empidonax traillii estinus</i>	E	S	E	-	-	-	-	-
Copperback Shrike	<i>Lanius ludovicianus</i>	-	-	-	-	-	-	-	-
Gray Vireo	<i>Vireo vicinior</i>	-	-	-	-	-	-	-	-
Gray Catbird	<i>Dumetella carolinensis suffertiae</i>	-	-	-	-	-	-	-	-
Heard's Sparrow	<i>Ammodramus bairdii</i>	-	-	-	-	-	-	-	-
Western Small-footed Myotis Bat	<i>Myotis ciliolabrum melanochinus</i>	-	-	-	-	-	-	-	-
Town Myotis Bat	<i>Myotis townsendii yunnanensis</i>	-	-	-	-	-	-	-	-
Long-legged Myotis Bat	<i>Myotis volans insularis</i>	-	-	-	-	-	-	-	-
Fringed Myotis Bat	<i>Myotis thysanodes thysanodes</i>	-	-	-	-	-	-	-	-
Fels Townsend's Big-eared Bat	<i>Plecotus townsendii pallidus</i>	-	-	-	-	-	-	-	-
Yellow-bellied Marmot	<i>Marmota flaviventris</i>	-	-	-	-	-	-	-	-
Sheridan's Prairie Dog	<i>Cynomys gunnisoni</i>	-	-	-	-	-	-	-	-
Healer Vole	<i>Zapus intermedius intermedius</i>	-	-	-	-	-	-	-	-
Kud Fox	<i>Urocyon vulpes</i>	-	-	-	-	-	-	-	-
Ringtail	<i>Bassariscus astutus</i>	-	-	-	-	-	-	-	-
American Marten	<i>Martes americana origenes</i>	-	-	-	-	-	-	-	-
Western Spotted Shunk	<i>Spilogale gracilis</i>	-	-	-	-	-	-	-	-
Rocky Mountain Bighorn Sheep	<i>Ovis canadensis canadensis</i>	-	-	-	-	-	-	-	-
Lillieborg's Pheasant	<i>Falidius lillieborgi</i>	-	-	-	-	-	-	-	-
Cockrell's Striped Disc Shell	<i>Discus shiaseki cockrellii</i>	-	-	-	-	-	-	-	-
Socorro Mountain Snail	<i>Cerithium newmexicanum</i>	-	-	-	-	-	-	-	-

New Mexico Species of Concern - Santa Fe County Page 2 of 3

WATTE SPECIES APPARENTLY NO LONGER OCCURRING IN SANTA FE COUNTY

American Eel	<i>Anguilla rostrata</i>	(extirpated from NM)
Sio Grande Cutthroat Trout	<i>Cercohychnus clarki virgatus</i>	
Sio Grande Silvery Minnow	<i>Hypognathus amarus</i>	
Speckled Chub	<i>Macrhybopsis aestivalis aestivalis</i>	
Sio Grande Shiner	<i>Potropis jonesoni</i>	(extinct)
Sio Grande Mientecoe Shiner	<i>Potropis albus albus</i>	
Gray Redhorse	<i>Moxostoma valenciennianum</i>	
Blue Ducker	<i>Cylyptus alpinus</i>	
Gray Wolf	<i>Canis lupus</i>	
Grizzly Bear	<i>Ursus arctos</i>	(extirpated from NM)
Black-footed Ferret	<i>Mustela nigripes</i>	(extirpated from NM)
Kink	<i>Mustela vison emergens</i>	(extirpated from NM)
Jaguar	<i>Panthera onca arizonensis</i>	
Sangre de Cristo Woodland snail	<i>Astrumella thomomontana</i>	
New Mexico Prillinary Butterfly	<i>Speyeria hydaspe conquisita</i>	

## PLANTS BY COUNTY

### SANDOVAL

*Abronia bigelovii* L2  
*Aletes sessiliflorus* L2  
*Astragalus feensis* L2  
*Astragalus iodopetalus* L2  
*Astragalus knightii* L2  
*Epipactis gigantea* L2  
*Escobaria missouriensis* L3  
*Heuchera pulchella* L2  
*Lilium philadelphicum* var. *andinum* L1  
*Opuntia valida* L3  
*Platanthera dilatata* L1  
*Primula ellisiae* L3  
*Puccinellia parishii* L1  
*Silene plankii* L2  
*Townsendia gypsophila* L2

### SAN JUAN

*Aletes maddougallii* ssp. *breviradiatus* L2  
*Aquilegia desertorum* L3  
*Asclepias sanjuanensis* L3  
*Astragalus chuskanus* L2  
*Astragalus humillimus* L1  
*Astragalus iodopetalus* L2  
*Astragalus micromeris* L2  
*Astragalus monumentalis* L3  
*Astragalus naturiensis* L2  
*Astragalus ocalycis* L2  
*Erigeron bistiensis* L2  
*Eriogonum leptocladon* var. *papillanculi* L3  
*Fritillaria atropurpurea* L3  
*Gilia formosa* L1  
*Lysimachia hybrida* L3  
*Pediocactus knowltonii* L1  
*Penstemon breviculus* L2  
*Phacelia splendens* L2  
*Proatriplex pleiantha* L1  
*Puccinellia parishii* L1  
*Scierocactus cloveriae* ssp. *brackii* L1  
*Scierocactus mesae-verdae* L1

### SAN MIGUEL

*Asclepias uncialis* L2  
*Cypripedium pubescens* L1

*Delphinium sapellonis* L2  
*Erigeron subglaber* L2  
*Herrickia horrida* L2  
*Heuchera pulchella* L2  
*Ipomopsis sancti-spiritus* L1  
*Lilium philadelphicum* var. *andinum* L1  
*Physalis virginiana* var. *campaniforma* L3

### SANTA FE

*Abronia bigelovii* L2  
*Astragalus feensis* L2  
*Astragalus siliceus* L2  
*Cypripedium pubescens* L1  
*Liamna grandiflora* L3  
*Lesquerella calcicola* L3  
*Lilium philadelphicum* var. *andinum* L1  
*Opuntia viridiflora* L1  
*Podistera eastwoodiae* L2  
*Rubus allicae* L3  
*Spiranthes magnicamporum* L1

### SIERRA

*Agastache cana* L2  
*Agastache rupestris* L2  
*Apacheria chiricahuensis* L2  
*Astragalus castneri* L2  
*Brickellia lemmonii* var. *wootonii* L3  
*Castilleja organorum* L3  
*Erigeron scopulinus* L2  
*Escobaria duncanii* L1  
*Escobaria sandbergii* L2  
*Euphorbia wootonii* L3  
*Hedeoma todsenii* L1  
*Heuchera pulchella* L2  
*Hezalectris spicata* L1  
*Hymenoxys olivacea* L3  
*Hymenoxys quinquesquamata* L2  
*Lesquerella goodingii* L2  
*Malaxis tenuis* L3  
*Penstemon metcalfei* L3  
*Penstemon ramosus* L2  
*Peristyle staurophylla* var. *homoflora* L2  
*Pseudocymopterus longiradiatus* L2  
*Senecio cynthioides* L2  
*Senecio quaerens* L2  
*Silene plankii* L2



**U.S. Fish & Wildlife Service**

**Endangered Species List**

[← Back to Start](#)

**List of species by county for New Mexico:**

Counties Selected: Santa Fe

Select one or more counties from the following list to view a county list:

Bernalillo  
 Catron  
 Chaves  
 Cibola  
 Colfax

[View County List](#)

**Santa Fe County**

Common Name	Scientific Name	Listing Status	More Info
bald eagle	<i>Haliaeetus leucocephalus</i>	AD, T	<a href="#">[i]</a>
black-footed ferret	<i>Mustela nigripes</i>	E, EXPN	<a href="#">[i]</a>
Mexican spotted owl	<i>Strix occidentalis lucida</i>	T	<a href="#">[i]</a>
Rio Grande silvery minnow	<i>Hybognathus amarus</i>	E	<a href="#">[i]</a>
southwestern willow flycatcher	<i>Empidonax traillii extimus</i>	E	<a href="#">[i]</a>
whooping crane	<i>Grus americana</i>	E, EXPN	<a href="#">[i]</a>
yellow-billed Cuckoo	<i>Coccyus americanus</i>	C	<a href="#">[i]</a>

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Santa Fe County	
<i>Abronia bigelovii</i>	Rio Arriba, Sandoval, Santa Fe
<i>Astragalus cyaneus</i>	Rio Arriba, Santa Fe, Taos
<i>Astragalus feensis</i>	Bernalillo, Hidalgo, Sandoval, Santa Fe, Torrance
<i>Astragalus siliceus</i>	Guadalupe, Santa Fe, Torrance
<i>Cuscuta fasciculata</i>	Santa Fe
<i>Delphinium sapellonis</i>	Bernalillo, Los Alamos, Mora, Sandoval, San Miguel, Santa Fe
<i>Hackelia hirsuta</i>	Colfax, Mora, Rio Arriba, Sandoval, San Miguel, Santa Fe, Taos
<i>Mentzelia springeri</i>	Los Alamos, Sandoval, Santa Fe
<i>Opuntia viridiflora</i>	Santa Fe
<i>Rubus aliceae</i>	Santa Fe
<i>Selaginella weatherbiana</i>	Colfax, San Miguel, Santa Fe, Taos