

WATERSHED RESTORATION ACTION STRATEGY
FOR THE GALISTEO CREEK WATERSHED
An Adaptive Management Plan for Ecological Health of the Galisteo Watershed
Version July 1, 2005 (an ongoing planning process)

APPENDIX 8. Additional Resources & Citations

Cultural and Archaeological Resources

Baxter, William. *The Gold of the Ortiz Mountains: A Story of New Mexico and the West's First Major Gold Rush* (Lone Butte Press, Santa Fe, 2004).

Mednick, Christina Singleton. *San Cristóbal: Voices & Visions of the Galisteo Basin* (Santa Fe, 1996).

Lightfoot, Dale. "Air Photographic Mapping of San Marcos Pueblo," *Journal of Field Archaeology* 23(1):1-13 (1996).

Lightfoot, Dale. "The Landscape Context of Anasazi Pebble-Mulched Fields in the Galisteo Basin, Northern New Mexico," *Geoarchaeology*: 8(5): 349-370 (1993).

Nelson, N.C. 1914. Pueblo ruins of the Galisteo Basin, New Mexico. American Museum of Natural History (vol. XV, Part I). New York: Order of the Trustees

Patterson, Alex. *A Field Guide to Rock Art: Symbols of the Greater Southwest*. (Johnson Printing Co. Boulder, 1992). pp. 255

U.S. Public Law No: 108-208.: "Galisteo Basin Archaeological Sites Protection Act", (Effective 3/19/04)

Townsend, S. 2001. *A cultural resource clearance inventory for the proposed Galisteo Watershed Restoration Project along the Galisteo drainage, Santa Fe County, New Mexico*. Report 2001-06. Townsend Archaeological Consultants.

Hydrological and Geo-hydrological Resources

Olsen, N.C. 1979. *The seismicity of North-Central New Mexico, with particular reference to the Cerrillos earthquake of May 28, 1918*. New Mexico Geological Society Guidebook, 30th Field Conference.

Southwest Water Consultants. 1999. *Galisteo Creek surface water supply available for recharge of the alluvial aquifer in the vicinity of the Lamy well*. Technical report, Southwest Water Consultants, Albuquerque, New Mexico

Draft: Water Quality Assessment of the Upper Rio Grande and Selected Tributaries Report. Monitoring and Assessment Section: Surface Water Quality Bureau, New Mexico Environment Department. 2001

New Mexico Quality Control Commission: *Standards for Interstate and Intrastate Surface Waters*. 20.6.4 NMAC, 2000

WATERSHED RESTORATION ACTION STRATEGY
FOR THE GALISTEO CREEK WATERSHED
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Version July 1, 2005 (an ongoing planning process)

Santa Fe County, NM: *Surface Water Hydrological Analysis of the San Marcos Watershed*. (written for Santa Fe County), Feb. 1999; Prepared by Mike Gomez, Tierra Engineering, P.O. Box 276, Santa Fe, NM, 87504

Groundwater Modeling:

MUSTAFA D. CHUDNOFF, Senior Hydrologist, Glorieta Geoscience *Estancia Basin Models-- Two-layer and three-layer models of the Estancia Basin and southern Galisteo basin encompassing approximately 4500 square miles in central New Mexico*. Model development included history matching (calibration) and predictive scenarios. Groundwater continuity between contiguous alluvial, limestone, sandstone and shale aquifers modeled. Pumping effects on the Rio Grande and its tributaries also included.

Galisteo Ecology: Vegetation and Wildlife Management

New Mexico Department of Fish and Wildlife. http://www.fw.vt.edu/~fishex/nmex_main/. Animal Species counts; contact: Mark Watson: 505-476-8115

Keither J. Davis, 1956, *Central New Mexico seed plants exclusive of trees and cacti* (M.A. thesis, New Mexico Highlands University, v + 46 pp.) includes two pages on plants of the Lamy-Galisteo area with a photograph of savanna vegetation.

N. Edmund Kelley, 1980, *The contemporary ecology of Arroyo Hondo, New Mexico* (School of American Research Press, Arroyo Hondo Archaeological Series vol. 1) describes shortgrass plains vegetation. Arroyo Hondo Pueblo was 0.3 miles north of the Galisteo Watershed, but the plains described are mostly within it.

Barnard, C.M.: *New Mexico grasses: a vegetative key* /. Univ. of New Mexico, 1984

Benson, L.: *Trees and shrubs of the Southwestern deserts* Univ. of Arizona Press, 1981

Dick-Peddie, W.A.: *New Mexico vegetation: past, present and future*. Univ. of New Mexico, 1993

Dunmire, William W, and Gail Tierney: *Wild plants of the Pueblo Province: Exploring ancient and enduring uses*. Museum of New Mexico Press, 1995

Ivey, R.D. 1983. Flowering Plants of New Mexico.

Restoring Streams, Riparian Areas, Floodplains: Tailoring Restoration to Community Needs and Scientific Contexts, Inventory and Monitoring Proceedings. Socorro, NM. November 16-19, 2003

Southwestern rare and endangered plants / Proceedings of the Southwestern Rare and Endangered Plant Conference. New Mexico Forestry and Resources Conservation Div., 1993

"Controlling Invasive Species as Part of Restoration Treatments." Working Papers in Southwestern Ponderosa Pine Forest Restoration No. 8, Ecological Restoration Institute, NAU, Flagstaff, AZ, May 2004

WATERSHED RESTORATION ACTION STRATEGY
FOR THE GALISTEO CREEK WATERSHED
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Version July 1, 2005 (an ongoing planning process)

Amphibians and reptiles of New Mexico / William G. Degenhardt. Univ. of New Mexico, 1996.

The Fishes of New Mexico / J.E. Sublette. Univ. of New Mexico, 1990.

Guide to the fishes of New Mexico / W.J. Koster. Univ. of New Mexico, 1957.

Handbook of species endangered in New Mexico / New Mexico Department of Game and Fish, 1988.

Mammals of the Southwest / E.L. Cockrum. Univ. of Arizona Press, 1982.

Mammals of the Southwest deserts / G. Olin. Southwest Parks and Monuments, 1982.

Mammals of the Southwestern United States (with special reference to New Mexico) / V. Bailey. Dover, 1971.

The Natural History of New Mexican mammals / J.S. Findley. Univ. of New Mexico Press, 1987.

Foreman, D., and K. Daly et. al: "*New Mexico Highlands Wildlands Network Vision*", May, 2003. 233 pp. (jenc@wildlandsproject.org)

MacCarter, Jane Susan. "Wildlife Corridors: Will "ecopassages" be coming soon to New Mexico?" in *Share with the Wildlife Update*. Winter 2003-2004, pp. 11-12; P.O. Box 25112, Santa Fe, NM 87504

Watershed Protection, Education & Planning

Atencio, Ernie and Hope Buechler et. al. Red River Watershed Group: Red River Watershed Restoration Action Strategy and Watershed Guide. The Meridian Institute, November 2003

Kusler, Jon, PhD. *A Guide for Local Governments: Wetlands and Watershed Management: Report Series*. Wetland Assessment for Regulatory Purposes. Association of State Wetland Managers publication, 2004

Reed, Angie & Geoff Dates. *Listening to Watersheds: A Community Based Approach to Watershed Protection*. River Network Publications; 100 pp. 2003

Bureau of Land Management: Tucson Field office: Approved Las Cienegas Resource Management Plan and Record of Decision; July 23, 2003. BLM/AZ/PL-03/010

Santa Fe County

1999: The Santa Fe County Growth Management Plan, General Plan. Santa Fe County, Board of Commissioners, Santa Fe County, New Mexico.

1999: Santa Fe County land development code. Santa Fe County, Board of Commissioners, Santa Fe County, New Mexico.

WATERSHED RESTORATION ACTION STRATEGY
FOR THE GALISTEO CREEK WATERSHED
An Adaptive Management Plan for Ecological Health of the Galisteo Watershed
Version July 1, 2005 (an ongoing planning process)

Schrader, Richard. *Rivers of Wisdom: Building Support for Watershed Stewardship through High School Education*. Thesis submitted in partial fulfillment for the degree in master of Community and Regional Planning. May 1998

A Guide to Watershed Projects: The Watershed Protection and Flood Prevention Act (Public Law 83-566). National Association of Conservation Districts in cooperation with the National Watershed Coalition.

Watershed Restoration Methods and Techniques

Wells, Daniel. *Slash Mulching with Juniper: A Tool for the Rehabilitation of Grasslands in the Galisteo Valley, New Mexico*. Thesis submitted in partial fulfillment of a degree of Master of Community and Regional Planning. Spring 2004

New Mexico Watershed Watch Workbook: A Watershed Ecosystem Approach to Water Quality Education, 2002 Revision. Prepared by River Source, sponsored by the NM Dept. of Fish and Game, Aquatic Resources Education Program

Success Stories in Riparian, Wetland and Watershed Habitats Proceedings, March 2-3, 2001: Hosted by the New Mexico Riparian Council, ABQ, NM

Earth Works Institute

2002: *Going with the Flow, a Workbook of Models, Methods and Experiences of the Galisteo Watershed Restoration Project*. Earth Works Institute

Fullerton, William & David Batts. *Hope for a Living River: A Framework for a Restoration Vision for the Rio Grande*. Tetra Tech Inc. The Alliance for the Rio Grande Heritage, 2003.

Fleming, Bill and Henkel, David. "Community-based Ecological Riparian Monitoring." *Journal of the American Planning Association* Vol. 67, No. 4 (Autumn 2001) Pp. 456-465..

Online Internet World Wide Web Resources

- Santa Fe County Ground Water Quality Atlas:
http://www.nmenv.state.nm.us/gwb/GWQ%20Atlas/Santa_Fe_County.html
- New Mexico Environment Department Surface Water Quality Bureau
<http://www.nmenv.state.nm.us/swqb/index.html>
- The Santa Fe County GIS Center: <http://www.co.santa-fe.nm.us/giscenter/giscenter.html>
- Sangre Y Jemez Regional Water Plan (in its entirety): www.dbstephens.com
- Think New Mexico: <http://www.thinknewmexico.org/>
- The Earth Data Analysis Center at the University of New Mexico: <http://edac.unm.edu/>
- The Office of the State Engineer of New Mexico/ Interstate Stream Commission:
<http://www.seo.state.nm.us/>

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EPA SITES ON THE WEB:

- EPA Polluted Runoff Nonpoint Source Pollution: Capacity Building Resources (pdf file)
<http://www.epa.gov/owow/nps/capacity/index.htm>
- EPA Watershed Initiatives (2003)
<http://www.epa.gov/owow/watershed/initiative/capacity-rfp.html>
- EPA/ Watershed Initiatives 2003 & Grantee Listings
<http://www.epa.gov/owow/watershed/initiative/>
- EPA: Watershed Academy: Catalog of Federal Funding Sources for Watershed Protection
<http://cfpub.epa.gov/fedfund/>
- EPA/ Community Stewardship Assistance & Links
http://www.epa.gov/Region8/community_resources/steward/estlink.html
- EPA 319 Funding Success Stories Vol. IIV: <http://www.epa.gov/owow/nps/Section319III/>
- EPA Section 319 Success Stories Vol. III, Glossary of Terms:
www.epa.gov/owow/nps/Section319III/glossary.htm
- EPA Nonpoint Source Pollution Links/Other recommended Sites on the Internet:
<http://www.epa.gov/owow/nps/capacity/tools.htm#calendars>
- EPA/ Polluted Runoff: Non Point Source Pollution Appendix A:
<http://www.epa.gov/OWOW/NPS/npsguid3.html>
- EPA/National Water Quality Inventory 2000: <http://cfpub.epa.gov/surf/locate/index.cfm>

WRAS EXAMPLES on the Internet:

- Santa Fe Watershed WRAS: http://www.nmenv.state.nm.us/swqb/Santa_Fe_WRAS-2002.pdf
- Conodoguin Creek Watershed, (Pennsylvania): <http://www.ship.edu/~cjwt/ccwa/WRAS-07B.pdf>

Restoration Resources & Organizations on the Web:

- The Society for Ecological Restoration International: <http://www.ser.org/>
- The Center for Watershed Protection: <http://www.cwp.org/>
- National Rural Water Association: <http://www.nrwa.org/>
- The Conservation Foundation of Du Page County, Illinois (an example of group structure, function and history): <http://www.theconservationfoundation.org/tcf/wp/drc.html>

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- EPA/Surf Your Watershed: Locate Your Watershed Tool:

<http://cfpub.epa.gov/surf/locate/index.cfm>

<http://cfpub.epa.gov/surf/state.cfm?statepostal=NM> (specific to New Mexico Resources)