

**EDGEWOOD
SOIL
&
WATER
CONSERVATION
DISTRICT**

**2013 - 2014
ANNUAL REPORT**

Organization

- The Edgewood Soil & Water Conservation District covers 487,535 acres in portions of southern Santa Fe, eastern Bernalillo, and northern Torrance counties. This consists of approximately 18,000 acres of irrigated cropland, 200 acres of dry cropland, 70,000 acres of urban land, and 399,335 acres of rangeland.
- A referendum for the formation of the District was carried by popular vote of landowners, as provided in the New Mexico Soil & Water Conservation District Law.
- The Certificate of Organization was issued on September 27, 1941.

Board Members

David King - Chairman
Lewis Fisher - Vice-Chair
Bill King - Secretary / Treasurer
Mark Anaya – Member
Juan Sanchez - Member
Bill Williams- Member
Art Swenka - Member

Staff

Brenda Smythe – District Manager
Kelly Smith - Technician

Contract Staff

Jerika Lujan - College Intern - Marketing
Karlyn Bates – Administrative Assistant
Ben Montoya - Internal Auditor
Jim Frost – Grass Drill Operator

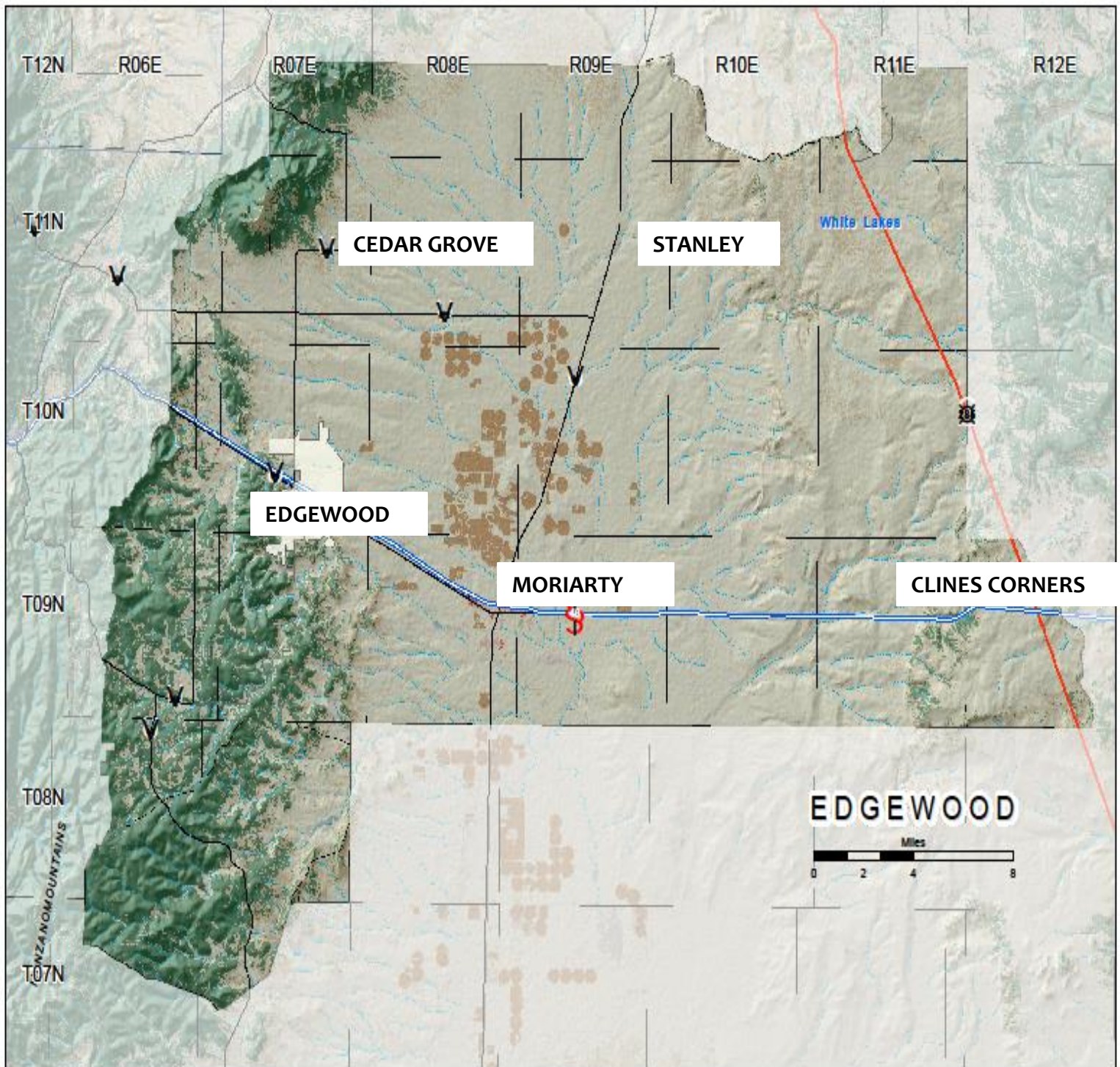
Meeting Information

The board meets the first Thursday of every month at 10:00 AM at the District office, which is located at 2506 Route 66, Moriarty, NM 87035.

Mission Statement

**The Mission of the
Edgewood Soil & Water
Conservation District
is to protect, restore,
enhance, and promote
the wise use of natural resources.
This will be achieved
through the
development of projects,
education of the public, and the
cooperation of landowners,
agencies and other
political subdivisions of the state.**

District Boundary Map



Basic Funding

* The District receives \$14,000 from the New Mexico Department of Agriculture which provides partial funding for administration. In order to receive this funding the district must follow a base schedule of required items such as:

- An Approved Budget
- An Annual Plan of Work
- An Annual Action Plan
- Following Open Meetings Act
- Board Member Attendance at Meetings
- District Sponsored Conservation Information
- Cost-Share Assistance to Landowners

Programs That Benefit You!

COST-SHARE ASSISTANCE PROGRAM

The Cost-Share Assistance Program is provided to landowners within the District Boundary (outside incorporated areas).

Funding is provided through Mill Levy Collections.

Reimbursable projects is available for up to \$4,000 per person/per year.

During the 2013 – 2014 fiscal year:

- 12 Water Harvesting Structures
- 1 Greenhouse Irrigation System
- 1 Pond Lining
- 20 Acres of Cholla Removal
- 1.5 Acres of Slash Chipping
- 2 Erosion Control Structures
- 1 Windbreak & Drip Irrigation System

Public Entity Partnership

The Edgewood District Board of Supervisors and Staff are committed to Public Service, and strive to provide technical and financial assistance to local public entities.

This year the Edgewood Soil & Water Conservation District provided:

- Trees for Windbreak – Torrance County Fire Station 5 - Moriarty
- Supplies for Water Harvesting Unit - Edgewood Senior Citizen's Center
- Erosion Control Structure – Moriarty High School
- Technical Assistance – Children's Outdoor Adventure
- Trees for Windbreak – Estancia Valley Classical Academy

How Does the Cost Share Program Work?

Program runs fiscal year July 1st – June 30th

Fill out application March 15th – June 1st

Submit with county tax bill for proof of ownership within the District

IF approved through ranking–

- Letter sent by Manager announcing approval
- Appointment set up by Technician, Kelly Smith for planning & cost estimate
- Once landowner agrees with cost-estimate, approval to begin (after July 1st)
- Project must be completed by June 10th, and ready for inspection and reimbursement

Reimbursement Examples

Example 1

2,000 sq. ft home

In-home Use (Drinking) Water
Harvesting System

Average cost-\$7,000

Reimbursement – Maximum
\$4,000

Example 2

2,000 sq. ft home

Landscape Use Water
Harvesting System

Average Cost- \$4,000

Reimbursement – 75% \$3,000

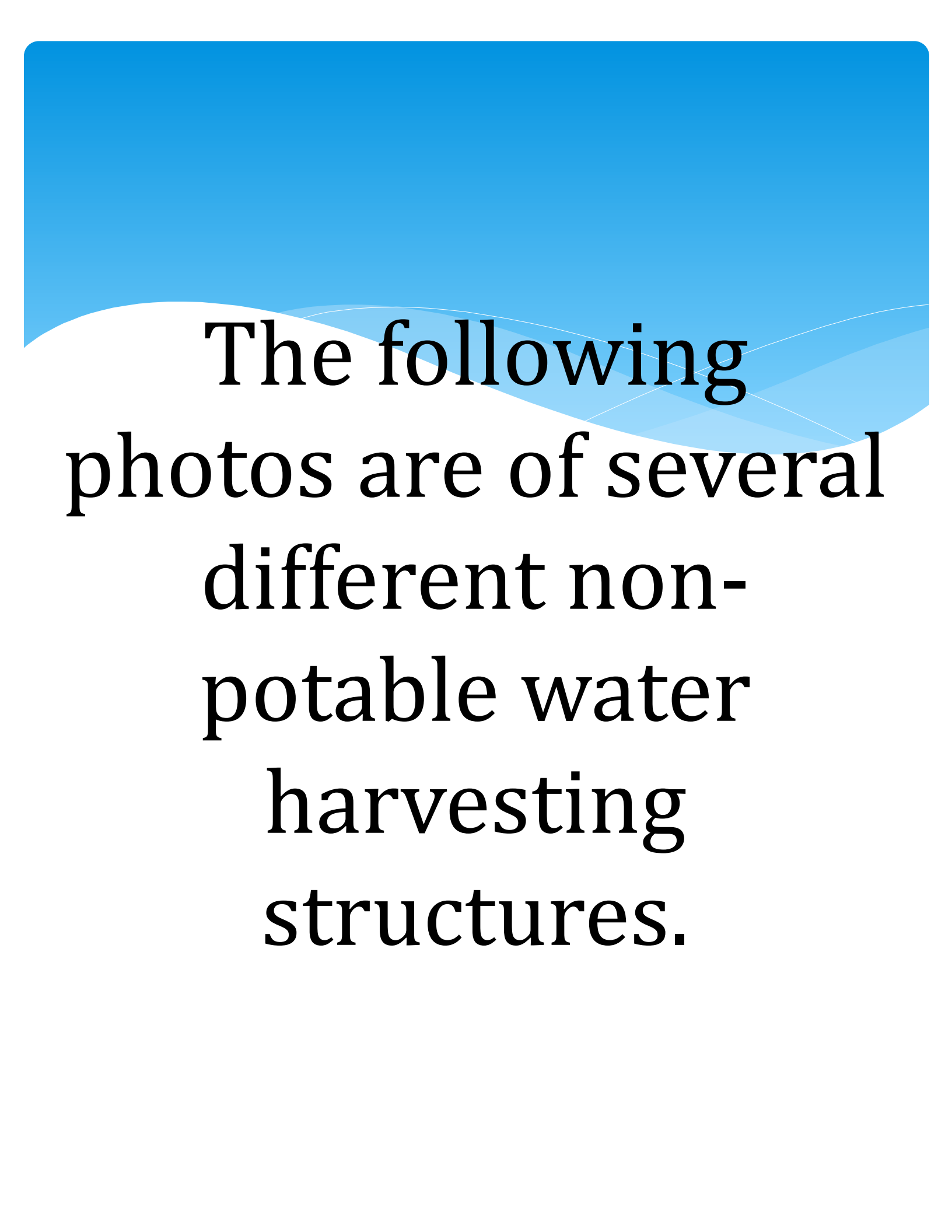
Eligible Practices

- Brush Management
- Critical Area Planting
- Cross Fencing
- Diversions
- Water Harvesting
- Windbreaks
- Windbreak Drip Irrigation Systems
- Forest Stand Improvement
- Irrigation Pipeline
- Livestock Pipeline
- Low Energy Precision Application (LEPA) Conversion

COST SHARE ASSISTANCE 2015 – 2016

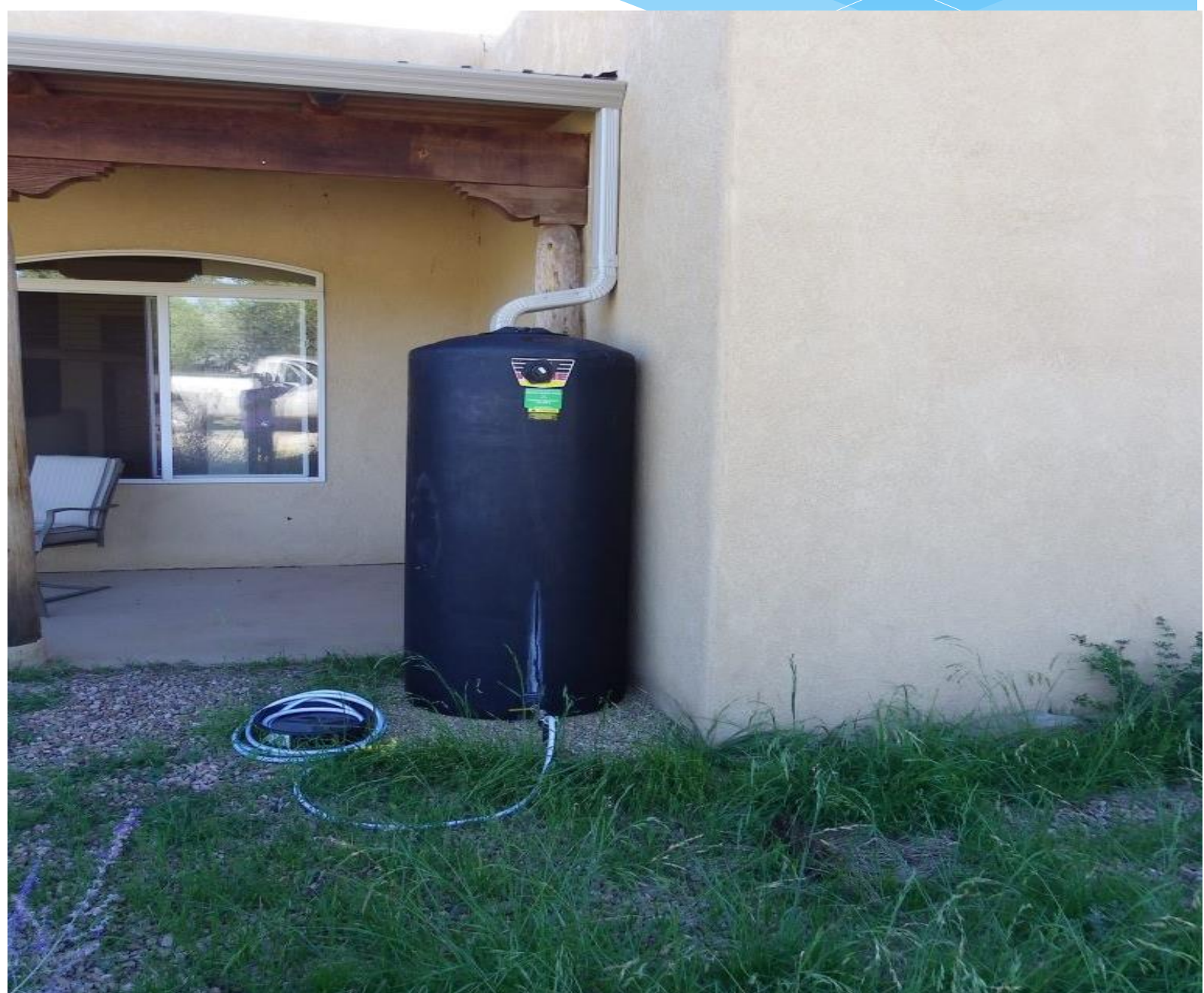
The Edgewood SWCD Board of Supervisors increased the cost-share assistance payment of 75% of actual costs up to \$4,500.

New applications will be available mid March of 2015.



The following
photos are of several
different non-
potable water
harvesting
structures.

200 Gallon Tank for Landscape Irrigation



205 Gallon Storage Tank

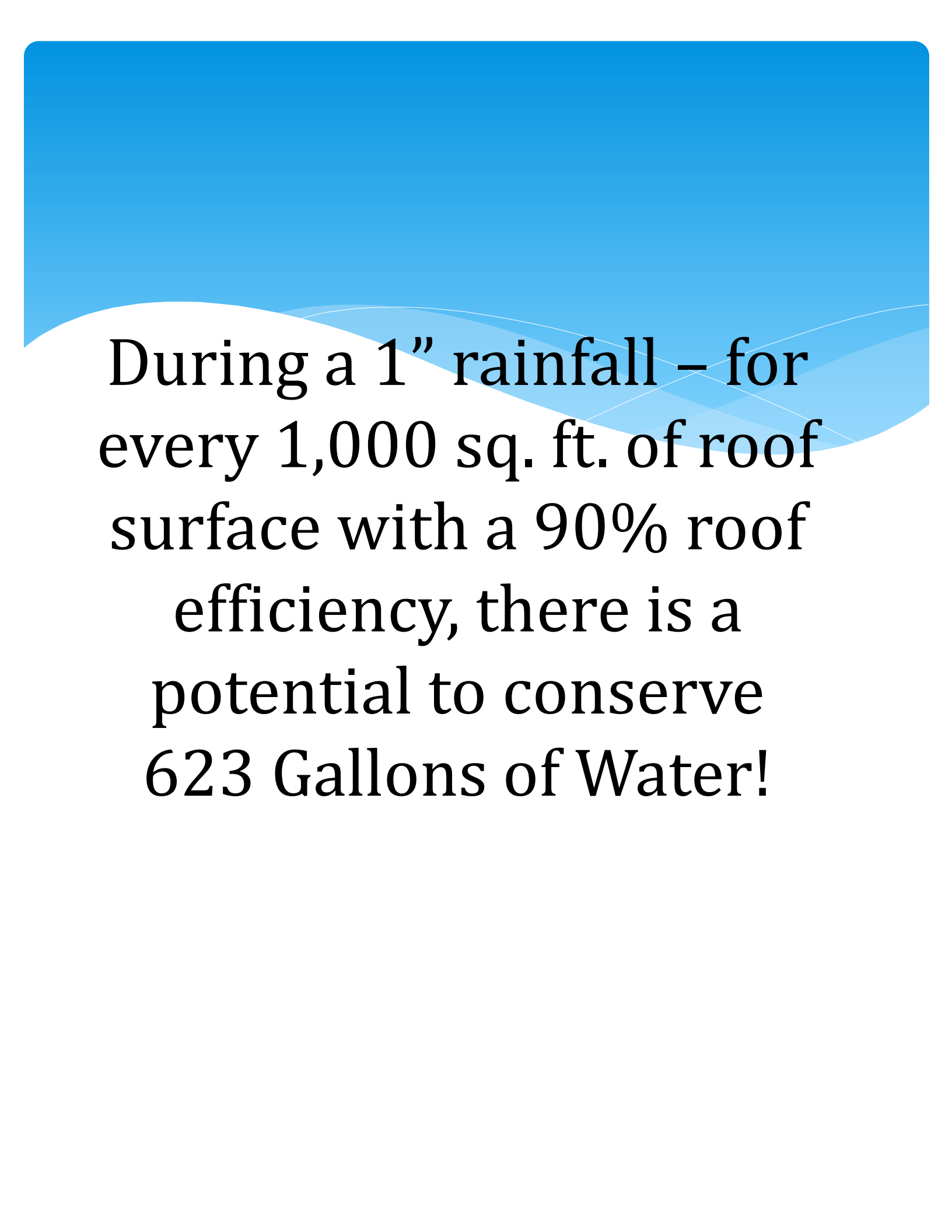


2,500 Storage Tank



3,000 Gallon Storage Tank





During a 1" rainfall – for every 1,000 sq. ft. of roof surface with a 90% roof efficiency, there is a potential to conserve 623 Gallons of Water!

More Photos

**The following are photos
of additional projects
completed this
fiscal year.**

**These projects were
reimbursed through the
District's Cost-Share
Assistance Program.**

Cholla Extraction



Rock Lined Swales slows runoff and controls soil erosion



Livestock Pipeline



Wood Chip Berms – utilizes forest thinning slash to aid the direction of runoff



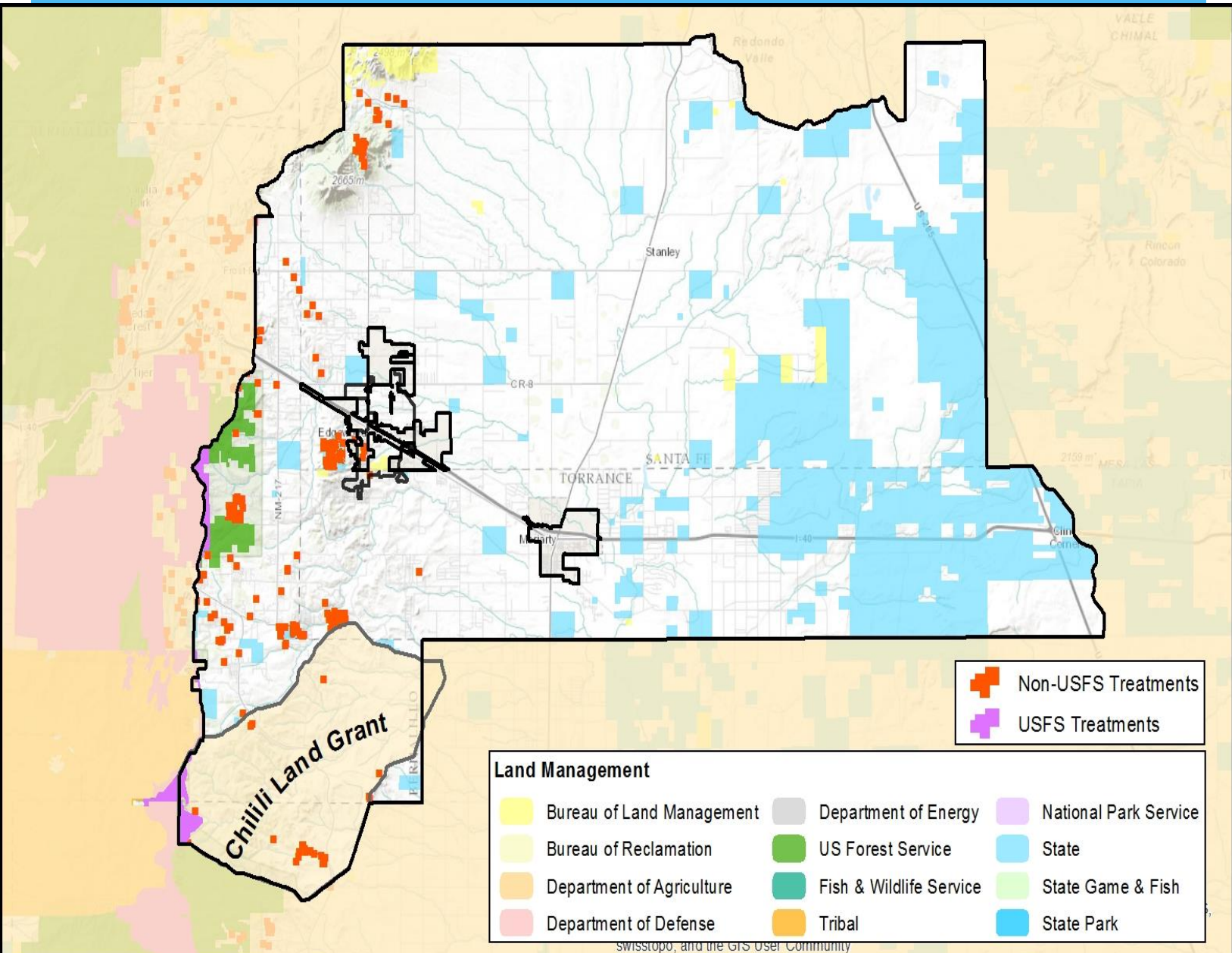
Watershed Health & Restoration Program

For the last several years, the Edgewood SWCD has received Water Trust Board and New Mexico State Forest Funding for watershed health projects.

During last fiscal year, Edgewood SWCD allocated \$96,666.67 for 8 projects.

A special thanks to Dee Tarr and Lawrence Crane!

Thinning Projects within the Edgewood SWCD



Sources:
 SWCD Boundary: NMMA, 2014.
 Land management: BLM, 2014.
 Base map: ESRI Topographic Base Map,
 ESRI and its data suppliers, 2043.

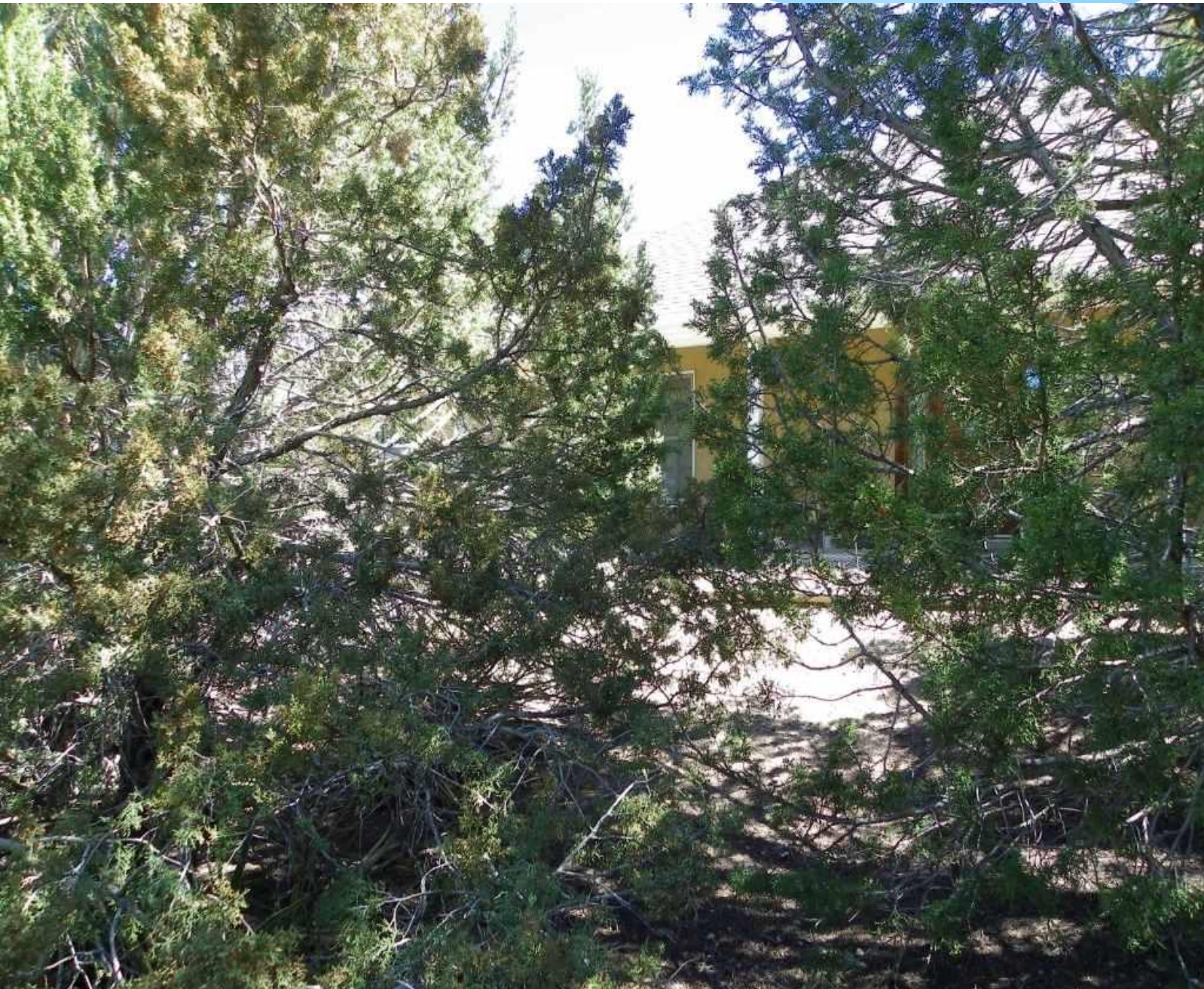
0 5 10 20
 Miles

Map by Joe Zebrowski, NMHU GAINS, October 2014



Watershed Health & Restoration Program

Defensible Space Before



Defensible Space After



Hazardous Fuels Reduction Before Thinning



After Thinning



Fuel Breaks

This next photo will show a 300-foot fuel break.

A fuel break is a wide opening in vegetation created as a barrier to slow or stop the progress of a wildfire.

This project creates access for fire personnel to the National Forest Boundaries if needed during a wildfire.

It also improved the rancher's rangeland for livestock and wildlife.

Fuel Break Area Before



Fire Break Area After



Native Grass Reseeding Project

Included with our native grass seed sale program, the District owns and operates a compact native grass seed drill. Projects are planned by the District Technician, and planted by either the District Technician or District Drill Operator.

Costs depend on types of grass and acreages.

The Edgewood SWCD has both cool and warm season native grass seed available for small property lots and large acreages.

On critical land areas including rangelands, pastures, and forests, Edgewood SWCD can drill native grasses with our tractor and specialized, compact native grass seed drill where desirable vegetation is below the level for natural reseeding to occur.



Kelly Smith; District Technician

Green Waste Events

Green Waste Events are a partnership between Bernalillo County, Ciudad Soil & Water Conservation District, New Mexico Association of Counties, and the Edgewood Soil & Water Conservation District

FREE Recycling for East Mountain residents of property green waste.

Chips can be used as mulch or for erosion control



Native Grass Seed & Tree Sales



Most Popular
Items –
Russian Sage &
Blue Grama Grass

Native Grass Seed is
available for sale
year-round.

Low Cost plants are
typically available
March & October.



Information & Education

Find us on the web
WWW.ESWCD.ORG

On the site you can find information regarding:

- District Background
- District Cost-Share Assistance Program
- District Newsletters
- Water Trust Board Grant Funding
- Project Photos
- Youth Conservation Corp Grant Accomplishments & Photos
- Native Seed & Tree Information
- Staff Progress to Date
- Upcoming Board Meeting Agendas
- Partner Links

Find us on Facebook

<https://www.facebook.com/EdgewoodSoilandWaterConservationDistrict>

Our College Intern; Jerika Lujan, who will acquire her Marketing Major in December has set up our Business Facebook Account. She also works closely with local newspapers for the continued advertising of our programs.



Information & Education

Fire Prevention Fairs

The Torrance County Fire Department, District 4 based out of Torreon, in conjunction with the Edgewood, Claunch-Pinto, and East Torrance SWCDs, US Forest Service, NM State Forestry, and NMSU Cooperative Extension Service, held a “Fire Prevention & Response Meeting at the Torreon Community Center last March.

In April, the Santa Fe County Fire Department also held a “Fire Prevention Fair” at the Santa Fe County Fire Department in Edgewood.

Topics of both fairs included:

- Prevention
- Response
- Evacuation
- Suppression
- District programs and funding

The District participated with an informational booth to discuss available programs for local landowners.

NM Pesticide Training

NMSU, Pioneer, DuPont, Thomas Chemical and the Edgewood SWCD hosted a Crop Production Clinic on Thursday, February 27th. District staff was in attendance. Kelly and Brenda received 5 CEUs to maintain

American Rain Water Catchment Systems Association

Founded 1994

**The mission of
The American Rainwater
Catchment Systems Association
is to promote
sustainable rainwater
harvesting practices
to help solve
potable, non-potable,
stormwater and
energy challenges
throughout the world.**

ARCSA Facts

- ARCSA is the first organization to create training and certification for professionals in the rainwater harvesting industry
- Members include professionals, government, academia, manufacturers and suppliers of rainwater harvesting equipment, consultants, as well as backyard amateurs and other interested individuals.
- This grass-roots organization is on the leading edge of the rainwater harvesting industry.

ARCOSA Accreditations

The Edgewood SWCD remains the only District in New Mexico to have staff that are Rainwater Catchment Systems Accredited (ARCOSA) Professionals.








Staff will be attending the ARCOSA National Conference this November to retain their accreditation.



ARCOSA Resource Guide

Edgewood Soil & Water Conservation District



-  Brenda Smythe
-  505-832-1111
-  505-832-1121
-  [View Website](#)
-  [Contact Form](#)
-  [Send Email](#)
-  [Submit RFP/RFI](#)

PO Box 1050 / 2508 Route
66
Moriarty, NM 87035
United States

About:

The ESWCD aims at engaging the cooperation of landowners and land users in carrying out practices and policies listed in the Soil Conservation Act.

Mission Statement:

The mission of the Edgewood Soil & Water Conservation District is to protect, restore, enhance, and promote the wise use of natural resources. This will be achieved through development of projects, education of public, the cooperation of landowners/users, agencies and other political subdivisions of the state.

Description:

The Edgewood Soil & Water Conservation District covers 487,535 acres in portions of southern Santa Fe, eastern Bernalillo, and northern Tarrant counties. This consists of approximately 18,000 acres of irrigated cropland, 200 acres of dry cropland, 70,000 acres of urban land, and close to 400,000 acres of rangeland. A referendum for the formation of the District was carried by popular vote of landowners, as provided in the New Mexico Soil & Water Conservation District Law. The Certificate of Organization was issued on September 27, 1941 and has been helping landowners ever since.

Who Do We Serve?

The Edgewood Soil and Water Conservation District serves all the residents and/or property holders within the external boundaries of the district. Residents within the district boundaries are eligible for various programs funded through the ESWCD by either mill levy monies or grant.

District Boundaries:

Staff Trainings

The Edgewood SWCD Board is committed to ensuring staff has the most up-to-date information and trainings available that is beneficial to our landowners.

Some of those trainings this past year included:

- Department of Finance Authority (DFA) Budget Conference
- Collaborative Forest Restoration Project (CFRP) Training
- NM Organic Farming Conference
- Grant Writing Training
- Crop Production Clinic Pesticide Certification Training
- NMDA Supervisor Training

New Programs

With concern over chemical use, local residents have requested natural pest management methods.

Natural Pest Deterrent

We are in the early stages of implementing a Natural Pest Deterrent Program using Essential Oils.

Some Examples Include:

Peppermint – Ants and Spiders

Oregano, Purification & Thyme – Ticks

Lavender, Lemongrass & Peppermint – Flies



**We use
Young Living
Essential
Oils which
are certified
pure.**



Community Garden

The Edgewood SWCD is working closely with Al Humble, Moriarty High School, Torrance County Food Shed Project, and the Partnership for a Healthy Torrance County and Presbyterian Health Services on a new Community Garden which will be located at Moriarty High School.

The Community Garden is in the early stages with more to come soon! As of today-

- The Moriarty High School currently has several students working on some small plots.
- Edgewood SWCD has received \$1700 from Presbyterian Health Services to purchase needed supplies for raised garden beds.
- Edgewood SWCD through the work of Al Humble is currently seeking more funding sources.

Land Use Planning

- Edgewood SWCD Land Use Plan is an executable policy for natural resource management and land use on the lands within the District and provides a scientifically and culturally sound framework for resource planning objectives.
- Once approved by the state, the Plan will be available to view on our website.

A BIG “Thank You”
to Kim Kostelnik
for her hard work assisting
us with this Plan!

Partnerships

Edgewood SWCD is committed to our partners. We have held several trainings and meetings in cooperation with neighboring Districts, state and federal partners, along with local organizations.

- Rainwater Catchment Systems Accreditation Workshops
- Erosion Control & Mulch Utilization Workshop
- Windbreak & Drip Irrigation Training
- Pest Management Training
- Reseeding Workshop
- Water Harvesting Workshop
- Cooperative Weed Management Training

Conference Building Usage

Several Partners have utilized our facilities

- American Rainwater Catchment Systems Association
- Estancia Basin Watershed Health & Restoration Project
- Estancia Valley Classical Academy
- Greater Rio Grande Watershed Alliance
- Indian Hills Water Association
- Moriarty Garden Club Meetings
- Natural Resources Conservation Service Partnership
- New Mexico Coalition of Conservation Districts
- New Mexico Conservation Districts Employees
- New Mexico Department of Agriculture
- New Mexico Department of Transportation
- New Mexico Forest and Watershed Restoration Institute
- New Mexico Public Regulations Commission
- New Mexico State Land Office
- New Mexico Soil & Water Conservation Commission
- Rural Conservation & Development
- Torrance County Extension Service
- State of New Mexico – Medicare Sign-up days

David Canyon Collaborative Forest Restoration Project

Arid Land Innovation, LLC, was awarded \$360,000 to restore 625 acres of the Cibola National Forest Wildland-Urban Interface (WUI) located in Bernalillo County, NM.

Key partners include:

- Arid Land Innovation
- Edgewood SWCD
- Ciudad SWCD
- US Forest Service
- SWCA Environmental Consultants
- Chilili Land Grant
- Pueblo of Isleta
- Forest Fitness

This CFRP is located at the southern end of the Sandia Ranger District, which borders the Pueblo of Isleta and the US Department of Defense.

The Key Role in this CFRP for the Edgewood SWCD is education.

700 Acres have been treated so far.

David Canyon CFRP Pre-Treatment



David Canyon CFRP Post-Treatment



Collaborative Forest Restoration Project On the Doghead

Edgewood SWCD was awarded a 2014 Collaborative Forest Restoration Program (CFRP) Grant for \$360,000 for the area known as the Doghead.

Key Partners include:

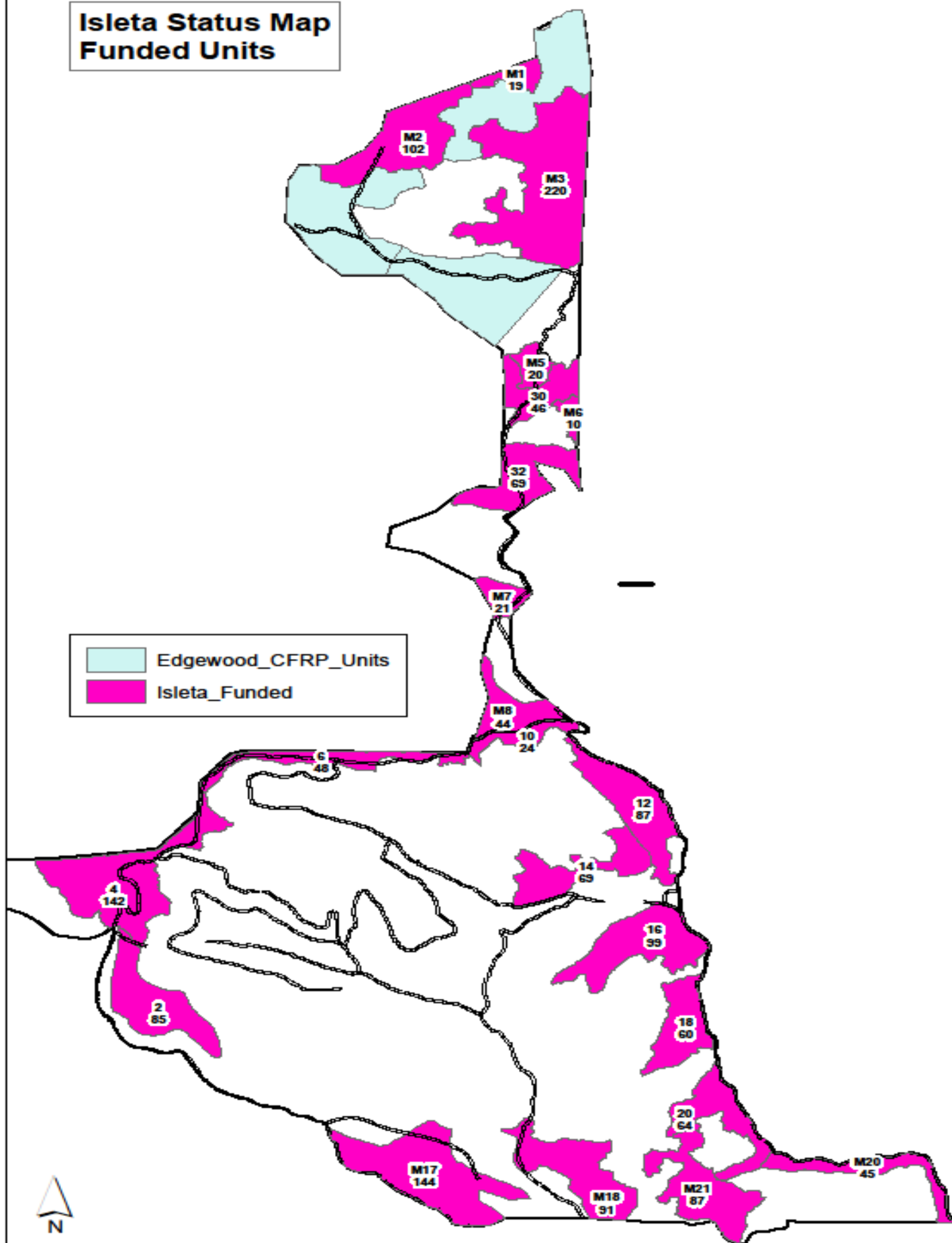
- US Forest Service
- Pueblo of Isleta
- Chilili Land Grant
- Edgewood SWCD
- Claunch-Pinto SWCD
- Forest Fitness
- SWCA Environmental Consultants
- Estrada Environmental Consultants

Edgewood SWCD is the fiscal agent on this grant.

This is a 3 year implementation grant which will include:

- Treatment of 414 acres on the Cibola National Forest
- Treatment of 441 acres on the Pueblo of Isleta adjacent to USFS
- To date - 138 acres has been treated on the Cibola

Isleta Status Map Funded Units



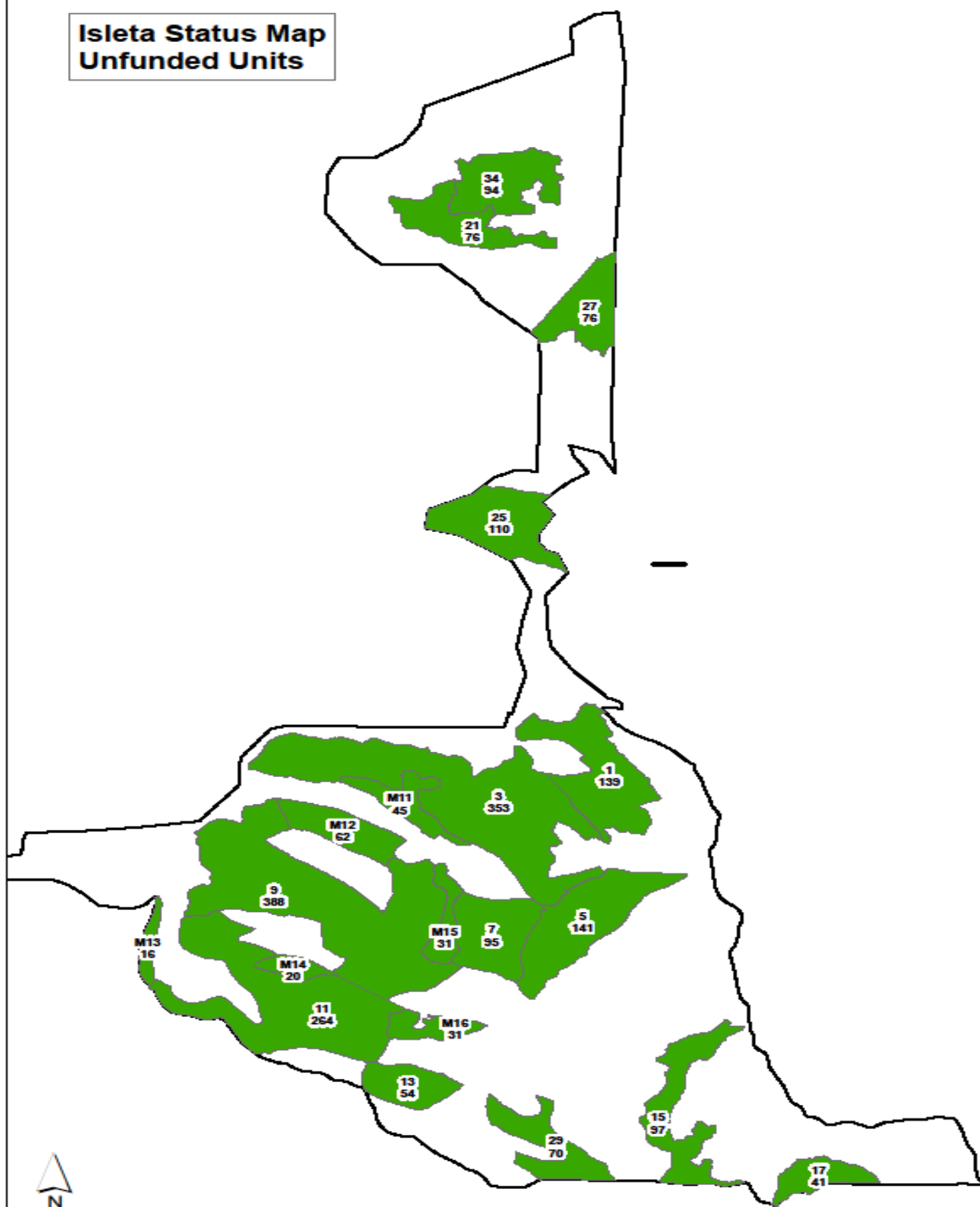
Edgewood_CFRP_Units
Isleta_Funded

Scale 1:40000

0 0.5 1 2 Miles

Map by Aaron Johnson
10/8/2014

Isleta Status Map Unfunded Units



Scale 1:40000

0 0.5 1 2 Miles

Map by Aaron Johnson
9/17/2014

Joint Chiefs Award

The US Forest Service Chief together with the Natural Resources Conservation Service Chief funded the **“Isleta Project on the Sandia and Mountainair Ranger Districts”** was selected as out of 40 Nationwide!

This project will fund restoration treatment on 10,420 acres within the Cibola National Forest, Pueblo of Isleta and Chilili Land Grant

This year US Forest Service was awarded \$800,000 and Natural Resource Conservation Service was awarded \$600,000.

Work has begun on the Pueblo of Isleta.

Partners Include:

- US Forest Service
- Natural Resource Conservation Service
- Pueblo of Isleta
- Chilili Land Grant
- Edgewood SWCD
- Claunch-Pinto SWCD
- New Mexico State Forestry
- Private Businesses
- Grazing Permittees
- Private Landowners

Outreach

- Web Site – Visit us at www.eswcd.org
- Facebook – <https://www.facebook.com/EdgewoodSoilandWaterConservationDistrict>
- Partnerships with:
 - Chilili Land Grant
 - Pueblo of Isleta
 - US Forest Service
 - NM State Forestry
 - Natural Resources Conservation Service
 - Moriarty High School
 - NM State Land Office
 - Neighboring Districts
 - Bi-Monthly E-Newsletters
 - Information Pamphlets
 - Newspaper Articles
 - Newspaper Advertisements

Committees

- Estancia Basin Watershed Restoration & Monitoring
- Greater Rio Grande Watershed Alliance
- New Mexico Coalition of Conservation Districts
- Torrance County Food Shed Project
- Greater Rio Grande Watershed Alliance
- Torrance County Wildfire Protection Committee
- Santa Fe County Wildfire Protection Committee
- Collaborative Forest Restoration Program – David Canyon
- Collaborative Forest Restoration Program – Doghead
- Isleta Project (Sandia & Mountainair Ranger Districts)

Funding

2013-2014 Funding

- \$96,667 WTB Funding
- \$1,700 Presbyterian Health Services Funding

Prior Year Funding and Sources

- \$100,000 Legislative funding for reseeding equipment
- \$100,000 Legislative funding for building
- \$450,000 NMFA funding for building
- \$65,071 NM State Forestry Special Funding
- \$15,000 NM State Forestry Funding
- \$41,475 SWCC Grant Funding
- \$86,343 Youth Conservation Corps Funding
- \$140,000 WTB Special Funding
- \$110,000 WTB Funding
- \$133,000 WTB Funding
- \$109,000 WTB Funding
- \$150,000 WTB Funding
- \$165,000 WTB Funding
- \$110,000 WTB Funding
- \$96,666 WTB Funding
- \$90,000 Non-Federal Lands Funding
- \$110,000 Wild-land Urban Interface Funding
- \$5,833 NM State Forestry Funding

Since 2005 staff has acquired **\$2,175,755** of federal, state and private foundation funding that directly benefits you!

***EVERY successful
individual knows that
his or her achievement
depends on a
community of persons
working together.***

~ Paul Ryan

**On behalf of the
Edgewood SWCD
Board & Staff**

**Thank you
for your continued
support and
participation in our
programs.**