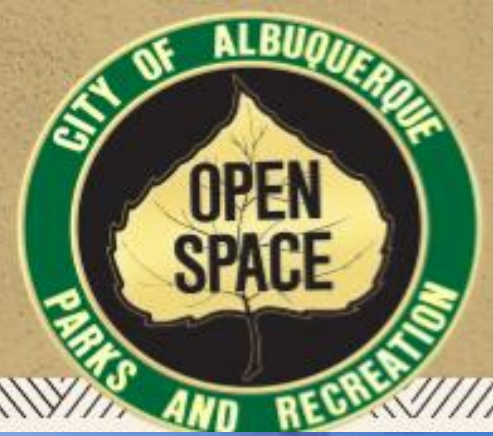


Open Space Division

Bosque Restoration and Wildlife Habitat



www.cabq.gov/openspace

Restoration Action Plan

- The OSD has partnered GeoSystems Analysis Inc. (GSA) to conduct a thorough assessment and develop a detailed long-term restoration plan for high priority areas of the bosque. The long-term RAP will consider past projects and activities, to prioritize native plant establishment that aligns with existing vegetation structure, soil and hydrologic conditions and ecological functionality.

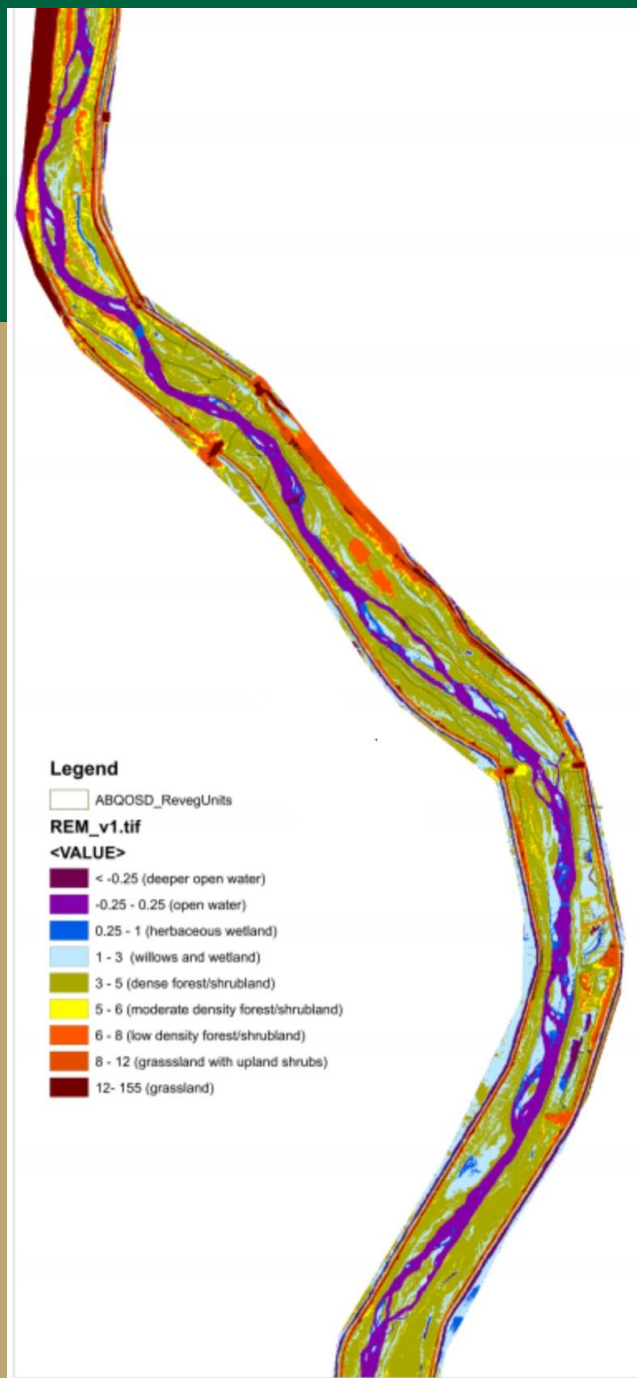
- Methodology

- Drone Mapping
- Inundation mapping
- Vegetation mapping
- Soil Assessment
- Noxious weed survey
- Database development

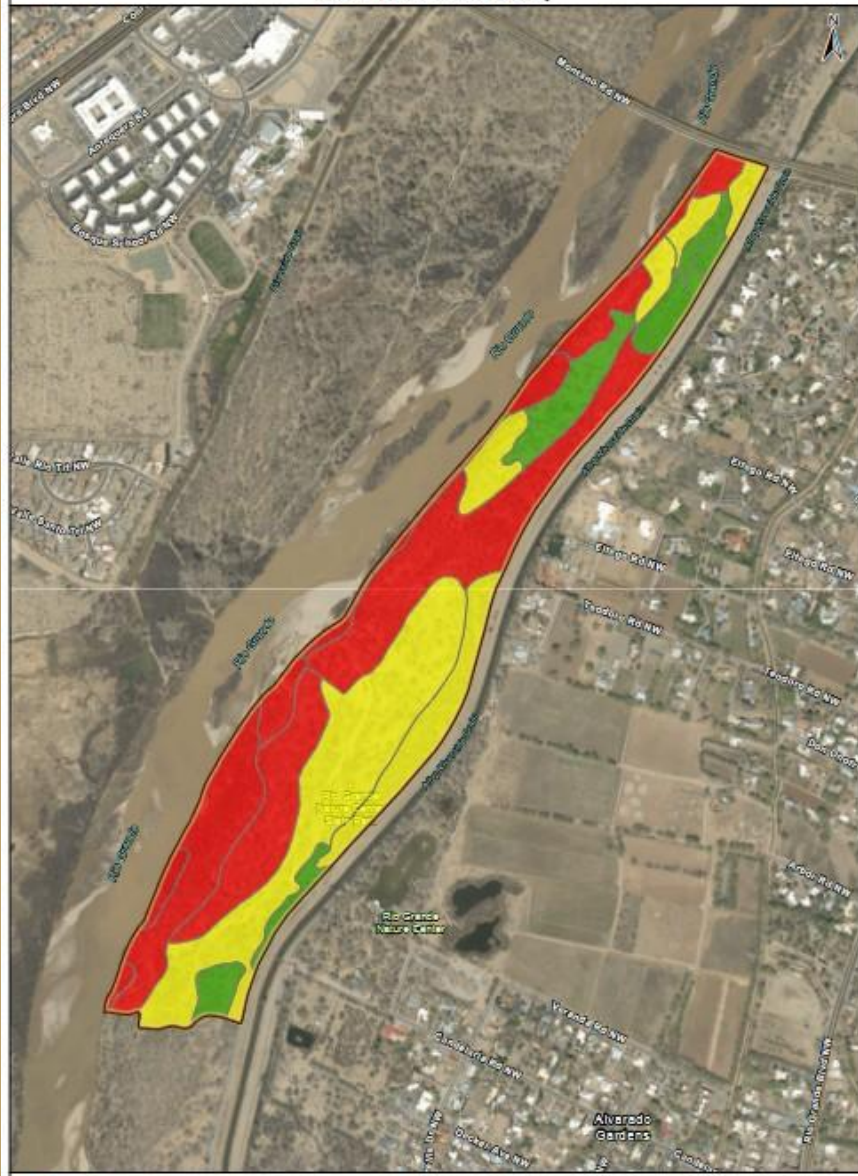
- Outcomes

- Maintenance recommendations
- Revegetation recommendations





Albuquerque Open Space - Montano - Bosque Revegetation Plan
A# - Fuel Reduction Priority



Project Boundary
Fuel Reduction Priority
High
Moderate
Low

Albuquerque Open Space - Montano - Bosque Revegetation Plan
A# - Jetty Jacks



Project Boundary
Jetty Jacks

**Albuquerque Open Space - Montano - Bosque Revegetation Plan
A# - Seeding Priority**

Project Boundary

Seeding Priority

- High
- Moderate
- Low

Miles 0 0.1 0.2 0.4

GSA GeoSystems Analysis, Inc. (a division of Soluterra)

- Greater native species diversity.
- Reduced dominance by invasive species.
- More varied vegetation structure.
- Lower concentrations of hazardous fuels.
- Improved habitat connectivity.
- Enhanced long-term ecological sustainability.

Management actions are intended to help the bosque continue providing wildlife habitat, recreational opportunities, and ecosystem services for future generations.



Main species being targeted include Siberian elms, Russian olive, Salt cedar, Ailanthus. We will also further treat Ravenna grass and annual weeds such as Kochia and Tumbleweeds.



Invasive Species

Tree of Heaven



Russian Olive



A Mosaic of Habitats



Implementing Restoration Priorities

- The next phase includes targeted restoration strategies
 - Willow whip and cottonwood pole plantings
 - Native species seeding
 - Mulching
 - Planting native shrubs
 - Native seed collection
 - Ravenna grass removal
 - Invasive species retreatments
 - Monitoring and adaptive management



Questions?

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