

## GALISTEO BASIN PRESERVE

### Santa Fe, New Mexico, Mexico



Size: 13,522 acres, 2,300 residents

Dates: 2007-ongoing

Team: Project partner: Commonwealth Conservancy

Description: The Galisteo Basin Preserve is a planned community that permanently protects the majority of the acreage. The Community is restricted to a 200 acre development zone and will develop in the style of a village

Intent: Promote a stewardship oriented community and conserve 13,000 acres, promote low impact, resource efficient, sustainable development

**S**

Sit+Place

GOALS: (Food) ; (Habitat+Biodiversity) ; (Transport)

STRATEGIES: (Food) Not reported ; (Habitat+Biodiversity) Community was developed with the consultation of ecologists, 300 acre cluster of development, 35% private conservation land, 62% public conservation land, native plants for landscaping ; (Transport) Linked to commuter rail, regional bus system, car sharing and carpooling, trails and pathways

**W**

Water

GOALS:

STRATEGIES: Domestic water consumption limited to 0.16 acre-foot/yr./home, site based wells for water with intermediate connection to regional water system, rain water collection, re-use of greywater encouraged, permeable pavement, efficient appliances

**E**

Energy

GOALS: Construction must meet/exceed energy star requirements

STRATEGIES: Energy efficient design, passive solar and ventilation community orientation, development criteria and codes specific to the community with design and performance standards, optional solar PV

**E**

Equity

Percentage of affordable units: 30%

GOALS:

STRATEGIES: Human scale design, average density is 5 units/ acre, access to amenities and community centers, community involvement in planning

**M**

Materials

GOALS: (Materials) ; (Waste)

STRATEGIES: (Materials) Resource efficient design encouraged, material selection encouraged to be non-toxic, durable, and locally produced ; (Waste) Minimize soil waste during construction

## SUSTAINABILITY MATRIX

		STANDARD	GOOD	BETTER	LIVING COMMUNITY	REGENERATIVE
S Site+Place	Limits to growth		Developed for density/limits growth, contains open space			
	Urban Ag				Every resident to have access to community garden, greenhouse, local farm education	
	Habitat Exchange				Constructed wetlands, land set aside, native plantings, 25% + of developable space is undeveloped	
W Water	Human Powered Living	Car oriented development, planning may contain sidewalks but development was not designed around the pedestrian				
	Net Positive Water				Greywater purification & reuse, on-site treatment of some blackwater, constructed wetlands, stormwater prevention (green-roofs & impermeable surfaces)	
E Energy	Net Positive Energy		2030 standards goal of efficiency, some reduction goals for energy & carbon, some renewable energy, solar PV ready			
H Health+ Happiness	Civilized Environment		Community has some groups to promote social connections			
	Healthy Neighborhood Design				Access to walking and bike trails connecting amenities, parks, recreation areas	
	Biophilic Environment					Innovative landscaping, designed to include elements that encourage human/nature connection, aesthetic design
	Resilient Community Connections	Nothing considered/ not reported				
M Materials	Living Material Plan		Some material selection standards, passive house standards used			
	Embodied Carbon Footprint		Some proxy standards for reducing CO2 in material selection and construction			
	Net Positive Waste		Material selection for recycled/recyclable materials, waste collection facilities, reduction standards			
	Human Scale and Humane Places		Project contains some elements of human-scaled design			
E Equity	Universal Access to Nature and Place		Access to parks, promotes sense of place, some daylighting strategies for buildings			
	Universal Access to Community Services	Vehicle travel dependent to services and community centers				
B Beauty	Equitable Investment	No contribution to charity				
	Beauty and Spirit Inspiration and Education		Some education on the developments attributes, some opportunities for community events			

## SOURCES:

<http://www.galisteobasinpreserve.com/index.php>  
<http://www.commonwealconservancy.org/index.php>