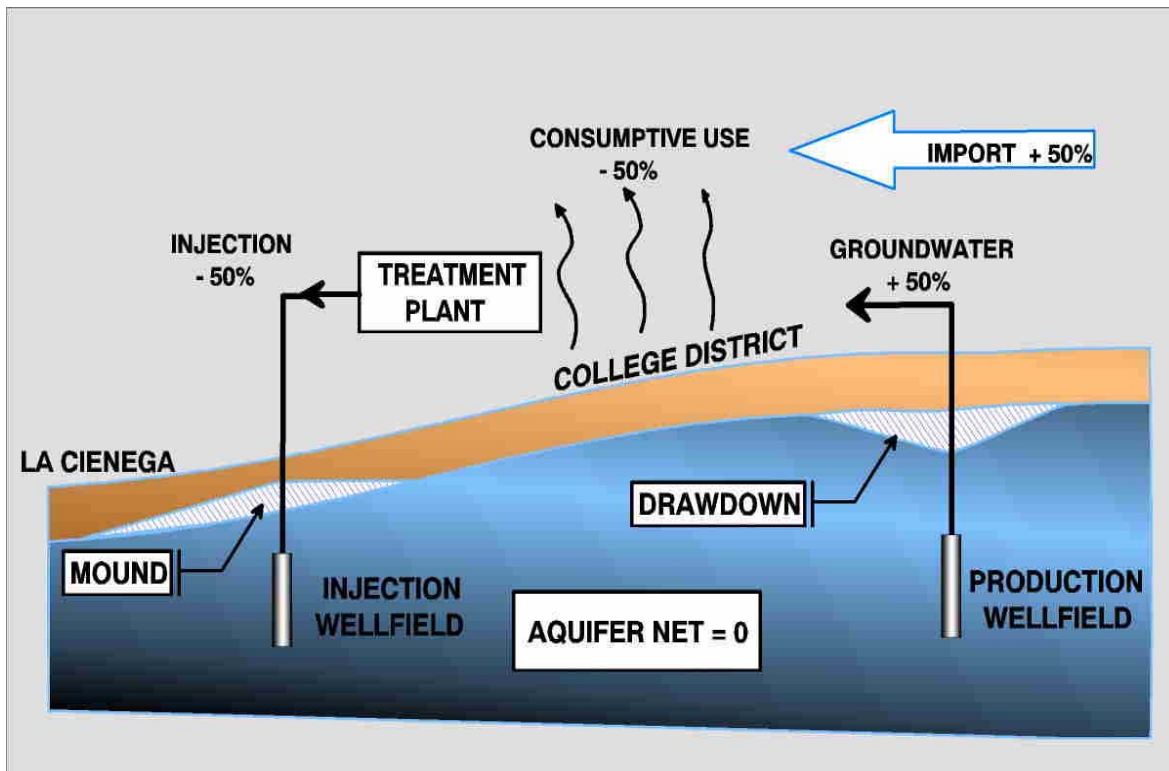


# LOW IMPACT AQUIFER MANAGEMENT FOR SANTA FE, NEW MEXICO

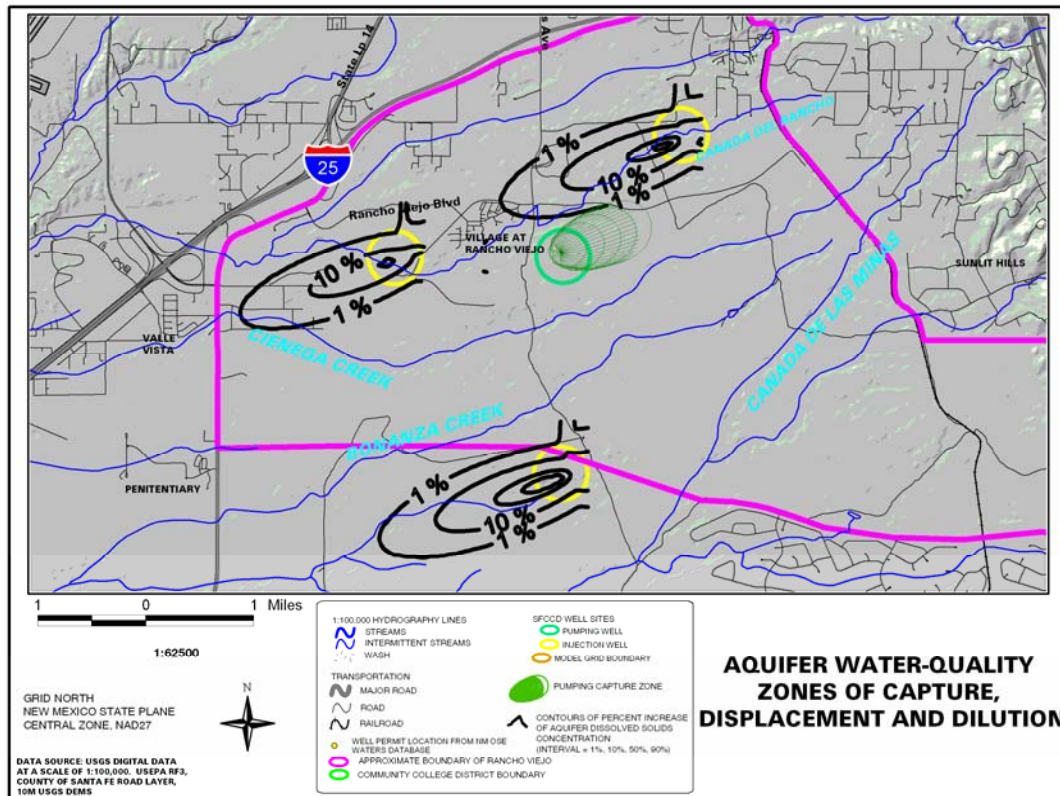


## OBJECTIVES

- A managed level of acceptable impacts on the system where the sources of water that support development are aquifer operations and imported water.
- Natural recharge persists in sustaining the natural discharge.
- The wellfield relies on imported water to offset consumptive uses, and on return flow to offset aquifer storage depletion.
- Imported water is used efficiently, and the aquifer impact is small.

## LOW-IMPACT AQUIFER MANAGEMENT BENEFITS

- The aquifer is put to use for peaking capacity, superior quality, economy of pumping lift and conveyance distance.
- Aquifer volume, water levels and flow-through are preserved.
- Aquifer water is not exported from the basin.
- Imported surface water is fully consumed for project purposes.
- Surface-water flow at interrelated streams is protected.
- Administrative issues of aquifer drawdown and stream depletion are minimized.
- Environmental requirements for recharge are satisfied by advanced-treated effluent.
- Water Quality Standards for streams are maintained.
- Return-flow accounting is required.
- The dissolved salt load of the imported water is routed to the aquifer, then to base flow.



For Information:  
W. Peter Balleau  
Balleau Groundwater, Inc.  
901 Rio Grande Blvd. NW, Suite F-242  
Albuquerque, NM 87104 USA  
(505) 247-2000  
[balleau@balleau.com](mailto:balleau@balleau.com)

