



Rainwater Storage & Harvesting

Fire Station Number 7, Denton, Texas

The City of Denton's Fire Station No. 7 earned U.S. Green Building Council Gold Certification under the LEED NC 2.2 Rating System and as a result became the first fire station to receive a LEED certification in the State of Texas. Completed in 2007, the new four-bay fire station located just off Bonnie Brae in the Southwest corner of Denton, totals more than 15,000 square feet and includes housing for up to 12 people, office space, training/community room, a large fitness room, and a police substation. The landscape is entirely irrigated by rainwater runoff from the roof which is collected and stored in four 5,400 gallon cisterns. Less than 15 percent of the runoff will go down a storm drain. This runoff will be used to irrigate the property and cut down on the normal use of irrigation water by well over 50 percent.*



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* source: <http://www.northtexasgreencouncil.org/projects?task=project&id=88>