



Bioswale

The Perot Museum of Nature and Science Dallas, Texas

James Wilson Photography



The 180,000 square foot Perot Museum of Nature and Science was built on a former 4.7 acre brownfield site and designed as a physical manifestation of the museum's goal and mission to "inspire minds through nature and science."

Located in the museum's parking lot at the lowest point of the site is a bioswale planted with native grasses and trees which is used to filter runoff prior to storage and reuse. A 50,000 gallon rainwater harvesting system, which includes a 25,000 gallon below-grade cistern, captures site run-off, collects HVAC condensate and provides complete site irrigation and toilet flushing year-round.

The Perot Museum of Nature and Science site has both LEED Gold and Green Globes certification and was one of 250 pilot program participants in the Sustainable Sites Initiative.

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