



SEDL AUSTIN, TX

21% increase in building performance

31% water use reduction

Enhances employee wellbeing through

Daylighting

LEED® Facts

SEDL, Austin TX

LEED for N.C 2.1
Certification awarded October 14, 2008

Certified 33*

Sustainable Sites 9/14

Water Efficiency 4/5

Energy & Atmosphere 3/17

Materials & Resources 6/13

Indoor Environmental Quality 10/15

Innovation & Design 1/5

*Out of a possible 69 points

The information provided is based on that stated in the LEED® project certification submittals. USGBC and Chapters do not warrant or represent the accuracy of this information. Each building's actual performance is based on its unique design, construction, operation, and maintenance. Energy efficiency and sustainable results will vary.



SEDL

Research Laboratory with a Green Outlook

The longstanding SEDL moves towards sustainability

PROJECT BACKGROUND

Opened in December 2007, the new SEDL headquarters is a 49,300 square foot research laboratory located in the Town Center of the Mueller Development within Austin, Texas. The private nonprofit corporation focuses on education research, development and dissemination.

STRATEGIES AND RESULTS

The project development plan was to increase efficiency, employee wellbeing, and create an adaptable and flexible design for future expansion as contracts through grants are available. Firstly, in order to take advantage of regional resources, the building development included concrete tilt-wall construction with accents of local stone. To improve efficiency the SEDL development implemented a water reclamation and reuse system, as well as a high efficiency elevator and HVAC system. To further cut down on energy usage, the labs include a two-story glass curtain wall lobby with a break room, as well as further extensive use of daylighting. The daylighting was key to increasing employee wellbeing, as well as the newly designed balcony overlooking the landscaped garden in the break room.

Further water use reduction was achieved in the SEDL development by the use of dual flush toilets, 0.5 gallon per flush urinals, 1.8 gpm low-flow showers, 0.5 gpm flow restrictors on lavatories, 1.8 gpm flow restrictor on kitchen sink, and 1.8 gpm flow tractor on mop sink. These strategies resulted in a total of 31% water use reduction and an increase performance of 21 percent compared to an ASHRAE 90.1-1999 per the Energy Cost Budget Analysis.

ABOUT SEDL

Established in 1966 as an educational laboratory, SEDL worked to meet the needs of students and educators. Initially, for the first 20 years, the SEDL programs focused on curriculum development through multimedia and television production, and international education emphasizing the needs of language-minority students. In the 1980's, the work of the SEDL was reorganized to focused on improving the abilities of state and local education agencies, education service centers, and community organizations. The corporation also served individuals with disabilities by spreading effective and researched practices.

In the 1990's, SEDL's focus fell on school improvement through research projects that emphasized the connection between the teaching and learning process. The decade saw the SEDL establishing several regional projects such as ExCELL and the National Center for the Dissemination of Disability Research (NCDDR).

In 2007 SEDL's leadership decided to change the organization's name from Southwest Educational Development Laboratory to SEDL to reflect its expanding scope of work. When SEDL was established as a regional educational laboratory in 1966, its work focused primarily on states in the Southwest. SEDL now works with states and regions throughout the United States and has long had projects with a national scope. SEDL's new name draws on the reputation built over more than 40 years while reflecting the organization's continued growth.

Currently, the SEDL has embraced new challenges. The corporation now works today making sure relevant research is conducted in the field of educational development, and that the information is available to those who need it most. The laboratory also works hand in hand with helping educators and policymakers comprehend and use the research. Moving through the 21st century, SEDL continues its long-term mission of developing and spreading cutting edge educational research.

"I just came back from spending about an hour at our new headquarters. Each time I go I see more and more of what you had in your head about how this would all work. The space is simply stunning, more so with each visit -- thanks to you and your team for creating such a compelling home for us to work in."

Wes Hoover, PhD, CEO of SEDL

Owner: SEDL
 Architect: Studio 8 Architects, Inc.
 Civil Engineer: Urban Design Group
 Commissioning Agent: Energy Engineering Assoc.
 Contractor: Raymond Construction
 Landscape Architect: TBG Partners
 LEED Consultant: Studio 8, Steven Meyers, AIA, LEED AP
 MEP Engineer: Bay & Associates, Inc., TBPE F-2005
 Structural Engineer: Haynes Whaley Associates
 Plumbing Engineer: Ed Bay, P.E.
 Mechanical Engineer: M. Chad Black, P.E., LEED AP
 Developer: Catellus
 Electrical Engineer: Thad Henry, P.E., LEED AP

Project Size: 49,300 SQ. FT.
 Total Project Cost: \$7,801,451

Photographs Courtesy of: Nathan Shands

ABOUT LEED

The LEED® Green Building Rating System™ is the national benchmark for the design, construction, and operations of high-performance green buildings. Visit the U.S. Green Building Council's website to learn more.



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