

Kennecott Utah Copper's Mine Administration Building

12800 South State Route 111
Bingham Canyon, Utah 84006

LEED certification level: Silver
Certification year: 2007

LEED Fact Sheet

Building Overview

The Mine Administration Building became LEED Silver certified in 2007. The building sits at an elevation of 6,190 feet in the Oquirrh Mountains and houses 55 employees who encouraged the company to build to LEED standards.

The project was reviewed for measures taken in the categories of sustainable sites, water efficiency, energy and atmosphere, materials and resources, and innovation and design.

Sustainable Sites

- Uses carbon dioxide monitors to improve fresh air intake.
- Controlled erosion and sedimentation during all phases of construction to prevent air and water pollution, and soil loss.

Water Efficiency

- Reduces potable water use by more than 50 percent through waterless urinals and low-flow fixtures.

Energy and Atmosphere

- Uses daylight sensors to control dimmable ballasts on all lights within 20 feet of exterior windows, controlling lighting levels and saving energy.
- Uses day-lighting control measures that minimize glare and control direct sunlight penetration.
- Uses 100 percent renewable energy.

Materials and Resources

- Constructed with more than 20 percent recycled content.
- Built with low emitting materials that include adhesives, sealants, paints, primers, carpeting and composite wood products. Products have been carefully selected to avoid volatile organic compounds, formaldehydes and other hazardous and irritating chemicals.

Innovation and Design

- Built with six portable modules, which can be relocated as the mine expands.
- Repeated use of these buildings after the one-time construction benefits the environment in ways that are not realized in any standard design and construction process.
- Achieved 12 of 15 possible LEED points for indoor environmental quality.