

## Rio Tinto Regional Center (Daybreak Corporate Center)

4700 Daybreak Parkway  
South Jordan, Utah 84095

LEED certification level: Platinum

Certification year: 2008

### LEED Fact Sheet

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#### Building Overview

In 2008, the Rio Tinto Regional Center, also known as the Daybreak Corporate Center, became the first building to be LEED Platinum certified in Utah. The state-of-the-art Rio Tinto Regional Center is approximately 175,000 square feet. The Rio Tinto Regional Center provides work space for hundreds of Rio Tinto, Kennecott Land and Kennecott Utah Copper employees.

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

- Captures 100 percent of storm water on site. Beneath the parking lot a large detention basin and drywell harvests storm water until it evaporates or percolates into the soil.
- Built with white reflective coated roof. Reduces heat absorption (i.e. heat island) that typically occurs with black roof buildings, effectively keeping the building cooler during the summer.

#### Water Efficiency

- Utilizes a secondary water system for irrigating outdoor water-wise landscaping.

#### Energy and Atmosphere

- Built to have the potential of daylight throughout each floor through 11-foot windows encircling the building.
- Uses 40 percent less energy than a standard building and exceeds minimum standards for fresh air changes through a state-of-the-art HVAC system.
- Generates five percent electricity needs through photovoltaic cells.

#### Materials and Resources

- Incorporates a design that promotes high indoor air quality. This was achieved through selecting paints, adhesives, sealants, carpeting, and composite-wood products with low volatile organic compound (VOC) materials.
- Constructed with 22 percent recycled materials.
- Purchased 20 percent of the materials from regional suppliers, reducing transportation costs and saving energy.

### **Innovation and Design**

- Designed to use 22 percent less energy than standard office buildings through smart lighting, building orientation, and a photovoltaic solar-roof system that creates energy efficiency.
- Saved energy and resources through the construction process by recycling more than 95 percent of all construction waste. Contrasted to the typical 50 percent needed to receive a LEED point for recycling.