



**PARAMOUNT FARMS**  
CHILD DEVELOPMENT CENTER  
AVENAL, CA



## LEED-NC 2.2 FACTS

LEED GOLD

**39/69**

Sustainable Sites :	7 / 14
Water Efficiency :	2 / 5
Energy and Atmosphere :	13 / 17
Materials and Resources :	3 / 13
Indoor Environmental Quality :	9 / 15
Innovation and Design :	5 / 5



**11,372** sq ft

Construction : Education | Type : Child Care Facility

## PROJECT TEAM

- Owner : Paramount Farms
- Architect : MSP Architects
- General Contractor : Clarion Construction
- Mechanical Engineer : P2S
- Electrical Engineer : P2S
- Plumbing Engineer : P2S
- Landscape Architect : McIntosh & Associates
- LEED Consultant : Gaia

**26%** reduction in annual water use for building through use of high efficiency and waterless plumbing fixtures

**33%** reduction in total energy use due to high efficiency mechanical systems, lighting and PV solar array

**62%** of construction waste was diverted from landfills

## LEED ACCOMPLISHMENTS

### Sustainable Sites

- Preferred parking for low emitting, fuel efficient, & carpool vehicles
- Project maximized open space requirement to promote biodiversity
- Stormwater is infiltrated on-site and treated to remove contaminants to reduce environmental impact on waterways
- A reflective "cool roof" was installed to reduce heat island effect

### Water Efficiency

- Drought tolerant plants and high efficiency irrigation controls reduce potable water use for irrigation by over 59%
- Ultra low-flow lavatory facets and waterless urinals were used to reduce annual water use by over 26%

### Energy and Atmosphere

- Efficient HVAC, lighting system with daylight controls, and a solar photovoltaic system reduces energy consumption by over 33%
- Strategically selected refrigerants and an HVAC&R system minimizes the emission of ozone depleting compounds

### Materials and Resources

- Over 62% of construction waste was diverted from landfills
- Over 13% of total building materials were recycled
- Over 14% of total building materials were extracted, processed, and manufactured locally (within 500 miles)

### Indoor Environmental Quality

- Interior finishes were selected with low levels of Volatile Organic Compounds (VOC's) to reduce indoor air contamination, including carpet, paint, coatings, adhesives and sealants
- Over 83% of regularly occupied spaces have high levels of daylighting to improve human comfort and energy efficiency
- Over 92% of regularly occupied spaces have views to outside

