



## welcome to green building

The County of Orange Integrated Waste Management Department has a strong commitment to the environment. We promote protection of our air, land, and energy resources.

Our new GREEN BUILDING at the Frank R. Bowerman Landfill serves as the center of our operations. Using "green" construction practices, this building is healthier for our employees and our planet.

## what is green building?

It is a building that is sited, designed, constructed, operated, and maintained for the health and well-being of occupants, while minimizing the impact on the environment.

*the following "green" features  
are built into our  
Operations Building*

### resource conservation

- ✿ Carpet tiles made of recycled fiber
- ✿ Recycled rubber carpet base board
- ✿ Linoleum sheet flooring made of renewable resource materials
- ✿ Cellulose insulation made from recycled newspaper
- ✿ Countertops made with recycled acrylic
- ✿ Gypsum board made with recycled gypsum and face paper
- ✿ Reuse of existing materials, including doors, roofing, and hardware

## green building

Good for the Occupants  
Good for the Environment

### water conservation

- ✿ Recycled water for landscaping
- ✿ Faucets with automatic shutoff
- ✿ Waterless urinals
- ✿ Low-flush toilets

### energy conservation

- ✿ High-efficiency heat pumps
- ✿ High-efficiency fluorescent light fixtures
- ✿ Automatic shutoff lighting with occupancy sensors
- ✿ Awnings to shade windows

### health & safety considerations

- ✿ Low VOC paints and sealants
- ✿ Effective ventilation for healthy indoor air

## green building objectives

- Use sustainable construction materials that have low or no toxicity and are non-carcinogenic
- Use materials that inhibit the growth of mildew, mold, and bacteria
- Use sustainable construction materials made of high recycled content, that are recyclable, or can be reused
- Provide high quality indoor air and increase efficiency of heating, ventilation, and air conditioning systems
- Increase lighting system efficiency
- Reduce water and energy use
- Use local materials

## want to find out more?

### Owner:

County of Orange  
Integrated Waste Management Department  
320 N. Flower Street, Suite 400  
Santa Ana CA 92703  
Phone: 714.834.4000  
Fax: 714.834.4183  
[www.oilandfills.com](http://www.oilandfills.com)



### Other Green Building Resources:

California Integrated Waste Management Board  
Green Building Design & Construction  
[www.ciwmb.ca.gov/GreenBuilding](http://www.ciwmb.ca.gov/GreenBuilding)

US Green Building Council  
[www.usgbc.org](http://www.usgbc.org)

Leadership in Energy & Environmental Design  
(LEED) Rating System  
[www.leedbuilding.org](http://www.leedbuilding.org)

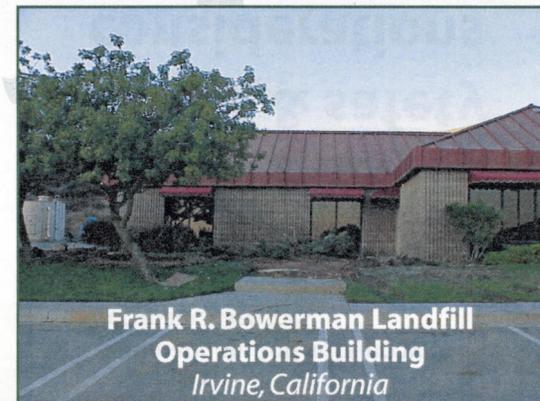
Sustainable Buildings Industry Council (SBIC)  
[www.sbicouncil.org](http://www.sbicouncil.org)

Funded by a grant from the  
California Integrated Waste Management Board

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Frank R. Bowerman Landfill  
Operations Building  
Irvine, California

Good for the Occupants  
Good for the Environment