

Environmental Protection Agency, New England Regional Laboratory / Chelmsford, Massachusetts



Owner:
General Services Administration

Architect:
Bernard Johnson Young &
Carol R. Johnson Associates

Area:
67,000sf

Duration:
20 Months

Type:
New Construction

Awards:
Gold LEED Rating
ABC of Massachusetts:
Excellence in Construction
Award, Grand Honor, 2001
AGC Massachusetts: Excellence
in Teamwork, Merit Award, 2003
White House Closing the Circle
Award, 2002

Sustainable Buildings Industry
Council: Exemplary Buildings Award,
2004

Real Property Innovation Award, 2002
EPA Regional Bronze Medal, 2002

Industrial Designers Society of
America: Gold Medal for industrial
design excellence of solar shades

General Service Administration
Environmental Award, 2002

Demolition Derby: Model Facility
and Non-hazardous Waste Award
Meritorious Team Award

This design/build regional facility for the U.S. EPA accommodates 30 different types of research and testing labs— metallurgical, air emissions and toxins, microbiology, soil sedimentation, and marine biology labs— and several cleanrooms. The facility has onsite water processing, and hazardous storage rooms.

Honored with a LEED™ Gold rating (the first government laboratory to receive such certification), both the interior and exterior design and the construction process were developed to minimize energy consumption and maximize recycling.

This facility was the first in the country to use the passive solar energy photovoltaic system and the design was honored with an award. It also serves as an educational facility for individuals and groups interested in energy efficient operations.

