



2005
*Governor's Environmental
and Economic Leadership Awards*

*Presentation Ceremony
November 22, 2005*



partnerships

conservation

leadership

progress

education

sustainability

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The 2005 Governor's Environmental and Economic Leadership Awards

The Governor's Environmental and Economic Leadership Awards Program is the State of California's highest and most prestigious environmental honor. The program recognizes individuals, organizations, and businesses operating in California that have demonstrated exceptional leadership. This year's winners have all made notable, voluntary contributions to conserving California's precious resources, protecting and enhancing our environment, and building public-private partnerships.

The awards program is administered by the California Environmental Protection Agency and Resources Agency, in partnership with California's Business, Transportation, and Housing Agency, and the California Department of Food and Agriculture. This year awards are being given in the following four categories:

- ***Sustainable Practices or Facilities***
- ***Children's Environmental Education***
- ***Ecosystem & Watershed Stewardship***
- ***Environmental & Economic Partnerships***

Johnson & Johnson

JOHNSON & JOHNSON CALIFORNIA COMPANIES – SUSTAINABLE PRACTICES

Statewide

Johnson & Johnson (J&J) is the world's most comprehensive and broadly-based company in human health care. California is home to nine of Johnson & Johnson's companies. In 2003, J&J adopted a Climate Friendly Energy Policy to reduce CO2 emissions to seven percent below 1990 levels by the year 2010. To achieve this goal J&J companies are implementing state-of-the-art technologies to improve energy efficiency. For example, the San Diego Pharmaceutical Research and Development facility designed and installed a 2,200-kilowatt cogeneration system that produces enough power to meet the site's entire electrical demand, reduces emissions by nearly 20 percent, and saves \$1 million. The ALZA Corporation partnered with the City of Mountain View to fund a cogeneration project establishing a landfill gas pipeline from a closed city landfill which powers 85% of its facility and will reduce emissions by 17.3 million pounds per year. Through these efforts and others, J&J's California companies decreased emissions of nearly one million kilograms in 2004 while experiencing 17% increase in growth.

Contact:
Nancy Comstock
Manager
(916) 443-0104
www.jnj.com



BP Shipping U.S.A.

BP SHIPPING WEST COAST OPERATIONS – SUSTAINABLE PRACTICES

Statewide

BP provides hundreds of millions of barrels of crude oil to California refineries every year, and owns and operates a fleet of 42 ships, 38 of which are double-hulled. The company has continuously demonstrated a solid commitment to oil spill prevention and the establishment of best management practices. In 2000, BP invested approximately \$1 billion to build a new fleet of state-of-the-art double-hulled tankers in California. These ships, three of which should be in service by the end of 2005, have redundant propulsion and steering systems that incorporate the latest proven technology in navigation, cargo handling, machinery control and pollution prevention. All of these new ships carry more oil and are also more fuel efficient, resulting in aggregate emission reductions. The company will also be reducing its engine usage in port by plugging into dockside electricity, and is testing new technologies for treating ships' ballast water that may carry non-indigenous invasive species.

Contact:
Neil Cramond
Regional Manager – Americas
(281) 366-3790
www.bp.com

Sustainable Practices or Facilities



Sierra Nevada Brewing Company

SUSTAINABLE PRACTICES – WASTE REDUCTION/RECYCLING

Chico, California

Sierra Nevada Brewing Company's (SNBC) mission is to produce the finest quality beers and ales. Founded in Chico in 1980, this company has grown to more than 300 employees with state-of-the-art brewing and processing equipment. In March 2005, SNBC installed four 250-kilowatt fuel cell power units to supply electric power and heat to the brewery's production processes – one of the largest commercial fuel cell projects in the United State's. SNBC also installed a \$3 million wastewater treatment plant on site. Additionally, the company has reduced landfill and liquid discharges by recycling: 35.5 million pounds of grain; 512,000 pounds of hops; 11,025,000 pounds of yeast; and 800,000 pounds of glass, cardboard, office paper, and other materials. These efforts and others demonstrate this local company's continuous commitment to sustainable technologies and practices.

Contact:
Ken Grossman
Owner, Founder, President
(530) 893-3520
www.sierranevada.com



Earthbound Farm

San Juan Bautista, California

Earthbound Farm (EB Farm) has grown from 2½ acres in 1984 to become the world's largest grower/shipper of organic produce. In 1986, EB Farm became the first company to successfully market pre-washed, packaged salad for retail sale. EB Farm organic produce is now available in more than 75% of American supermarkets, as well as in Canada, Mexico, and Hong Kong. The transition of more than 24,000 acres from conventional farming practices to organic practices has resulted in the avoided use of 261,000 pounds of chemical pesticides and 8 million pounds of chemical fertilizers. While conserving natural resources and protecting the environment, the company has also achieved a 21% compound annual growth. EB Farm has proven that successful organic farming is both possible and profitable, on a large scale.

Contact:
Samantha Cabaluna
Senior Communications Manager
(831) 622-3418
www.ebfarm.com

Sustainable Practices or Facilities



Pardee Homes

ENVIRONMENTAL COMMITMENT

Statewide

Pardee Homes pursues green and sustainable policies, programs, and practices that distinguish the company in homebuilding. In January 2002, Pardee Homes became the nation's first multi-regional homebuilder to partner with the U.S. EPA in committing to 100% Energy Star® homes. Pardee Homes initiated LivingSmart® new home standards and enhancements encompassing EnergySmart® (solar, PV), HealthSmart® (air & water quality), EarthSmart® (green building materials), and WaterSmart® (appliances, landscaping) options for home buyers. Some 2,300 homes have been or will soon be built to LivingSmart® standards in California and Nevada. Pardee Homes closed sales of 2,635 homes in 2004 with total sales revenues of approximately \$1.2 billion for single-family homes and approximately \$1.4 billion in total company revenues.

Contact:
Sandra Kitashima
Communications Coordinator
(310) 446-1215
www.pardeehomes.com



Warner Bros. Entertainment Inc.

ENVIRONMENTAL INITIATIVES DEPARTMENT

BUILDING 151 – SUSTAINABLE CONSTRUCTION AND DESIGN

Burbank, California

The Warner Bros. Environmental Initiatives Department was created in 1992 to address waste reduction on the studio's 145-acre campus. In 2004, the studio completed the remodel of an office building following the U.S. Green Building Council's Leadership in Energy and Environmental Design Standard for Commercial Interiors (LEED-CI). Building 151 received the LEED Silver rating, making it the first privately owned building in Burbank to receive the certification and the first LEED certified building in the entertainment industry. Energy features resulted in savings of more than 930,000-kilowatt hours of energy and nearly \$135,000 in 2004. More than 80% of construction and demolition waste was also diverted from landfills. For the campus at large, Warner Bros. efforts to upgrade lighting, reprogram thermostats, replace HVAC systems and other activities have reduced energy use by 7 million kilowatts and saved \$819,000.

Contact:
Shelley Billik
Vice President, Environmental Initiatives
(818) 954-3470
www.wbenvironmental.com

Sustainable Practices or Facilities



SF Environment

CITY AND COUNTY OF SAN FRANCISCO

SCHOOL EDUCATION PROGRAM

San Francisco, California

SF Environment was created in 1996 to motivate, inspire, and empower students to protect the environment by composting, recycling and protecting water. The standards-based environmental educational program reaches 16,000 K-12 students annually. The cornerstones of the program are the Food to Flowers! lunchroom composting program and recycling assembly program – featuring a seven foot tall mascot, Phoebe the Phoenix. The program also features environmental field trips (about 85 annually), Save Our Bay classroom presentations (about 60 annually), school gardening programs, teacher workshops, curriculum/lesson plans, fact sheets, website support and information, and the “Green Times” newsletter. SF Environment has formal relationships with approximately 180 public and private schools in San Francisco and personally reaches 700 teachers annually, and 5,000 teachers via newsletter twice per year.

Contact:
Tamar Hurwitz
Environmental Education Manager
(415) 355-3763
www.sfenvironment.com/aboutus/school/



Sacramento Splash

LIFE IN OUR WATERSHED: INVESTIGATING VERNAL POOLS

Sacramento, California

Sacramento Splash is a place-based, environmental education program that has reached approximately 9,000 Sacramento County students in its 7-year existence. Sponsored by three local water agencies (Sacramento Regional County Sanitation District, City of Sacramento Department of Utilities, and Sacramento County Department of Water Resources), Splash builds awareness of local water resources and the public's role in their protection. Through its elementary curriculum, Life in Our Watershed: Investigating Vernal Pools, students study the diversity of life in vernal pools and participate in an interactive three hour tour of the vernal pool grasslands and Splash Resource Center at Mather Field with a trained guide for every 11 students.

Contact:
Eva S. Butler
Splash Program Director
(916) 719-4854
www.sacsplash.org

Children's Environmental Education



Pacific Unified School District

AMBASSADORS FOR THE ARTS AND ENVIRONMENT

Big Sur, California

The Pacific Unified School District is located in one of the most isolated rural areas of the state, 50 miles from the nearest town by road. In 2003/04 the district was selected for participation in the California Integrated Waste Management Board's Unified Education Strategy (UES). The UES was a two-year grant-based pilot program designed to provide funding and technical assistance to school districts for environment-based education programs with a waste diversion and resource conservation focus. The students conducted waste audits and cleanups of nearby beaches, engaged local businesses in recycling, created a public service announcement, provided outreach to neighboring rural school districts, and influenced the restoration of the Big Sur Recycling Center through a polished oral and visual presentation to the Big Sur Multi-Agency Board.

Contact:
David Allan
UES Project Director/Art Teacher
(805) 927-4507



East Bay Regional Park District

CAMP ARROYO ENVIRONMENTAL EDUCATION CENTER AND YMCA YOUTH CAMP

Danville, California

Camp Arroyo sits on the 138 acre site of a former tuberculosis sanitarium. Developed through a partnership among the East Bay Regional Park District, the Regional Parks Foundation, the YMCA of the East Bay, and the Taylor Family Foundation, Camp Arroyo is a sustainable facility offering environmental education and youth camping. During the non-summer months, Camp Arroyo is used by local schools for 3-5 day programs. Since its inception, approximately 5,500 students in the 4th through 6th grades have participated in Camp Arroyo programs. During the summer months, Camp Arroyo hosts 1,200 children with life threatening illnesses at no cost.

Contact:

Jeff Rasmussen

Grants Manager, East Bay Regional Park District

(510) 544-2204

www.ebparcs.org/camp_arroyo/arroyo_main.htm

Children's Environmental Education



Desert Sands Unified School District

VOLUNTARY PUBLIC SCHOOL CHOICE SCHOOLS – ENVIRONMENTAL STUDIES

Palm Desert, California

Desert Sands Unified School District competed for, and was one of thirteen recipients nationwide – and the only California recipient – to receive a grant from the federal Department of Education's No Child Left Behind Program for its Voluntary Public School Choice Schools Program (VPSC). Desert Sands USD chose to create a K-12 environmentally-based, science curriculum for their VPSC, aligned with California's academic content standards, providing students the choice to learn about the environment as a course of study. Six of Desert Sands' schools participated in the VPSC, from elementary school through high school, in an environmental studies curriculum. Desert Sands' VPSC also focused on drawing students from the lower performing, Title 1 schools to higher performing schools in the district.

Contact:
Ann Morales
VPSC Grant Facilitator
(760) 771-8681
www.dsusd.k12.ca.us/ds1/VPSCchoice/



Orange County Water District and Orange County Sanitation District

GROUNDWATER REPLENISHMENT SYSTEM

Santa Ana, California

After years of study, development, review and public outreach, Phase 1 of the Groundwater Replenishment System project was successfully implemented in 2004. This project reduces wastewater discharges to the ocean, expands local water supplies for residents, and prevents saltwater intrusion and associated water quality degradation. It is now sending five million gallons of purified wastewater per day into Orange County's aquifer, and will send underground 72 million gallons of clean water (enough for 140,000 families) when completed in 2007. The "new" water is produced with half the energy currently required to import water from Northern California or the Colorado River, and will cost less than imported supplies when the project is completed.

Contact:
Ron Wildermuth
Director of Communications, Orange County Water District
(714) 378-3351
www.gwrssystem.com

Ecosystem & Watershed Stewardship



Marin Resource Conservation District **Point Reyes Station, California**

Marin Resource Conservation District has demonstrated exceptional breadth in its resource and environmental conservation activities, and in the types of partnerships it has fostered to accomplish them. It has been a local leader in watershed restoration and agricultural land preservation, conducting stream and fish habitat restoration, promoting dairy, ranching and equine facility water quality, watershed planning and restoration permit coordination. It has also provided leadership in economic and social development by employing displaced fishermen and by providing leadership in a housing program for low-income agricultural workers.

Activities have included 50 dairy and ranch projects to control nonpoint source pollution, and 30 biotechnical restoration projects such as headcut and streambank repairs, willow brush checkdams, culverts, and ranch road and livestock crossing protection. Results on restoration sites include 7,000 plantings on 7 miles of stream with a 60% increase in streamside shade; 25% increase in neomigratory bird species; and prevention of tens of thousands of cubic yards of sedimentation into local impaired waterbodies. The RCD has also provided leadership in economic and social development by employing displaced fishermen and by providing leadership in a housing program for low income agricultural workers.

Contact:
Nancy Scolari
Executive Director
(415) 663-1170
www.sonomamarinrcds.org



Agriculture Water Quality Alliance ***Monterey, California***

The Agriculture Water Quality Alliance is a unique partnership of agricultural industry groups, agencies, environmental organizations, technical experts and academia which oversees implementation of the Monterey Bay National Marine Sanctuary's "Agriculture and Rural Lands Plan." Its objective is to reduce runoff from 11 major watersheds within six counties to protect the bay's water quality and habitats. This alliance has resulted in the training of more than 1,000 farmers and ranchers and the development of individual water quality plans, implementation of best management practices, and monitoring. This has protected more than 50,000 acres of land, and reduced by 450,000 tons the annual runoff of sediment that carries nitrates and other pollutants into the bay.

Contact:
Bridget Dobrowski
Agriculture Water Quality Coordinator
(831) 647-4219
www.awqa.org

Ecosystem & Watershed Stewardship



The Irvine Ranch Land Reserve Trust

STEWARDSHIP PROGRAM

Irvine, California

In 1990, the Irvine Company established the Irvine Ranch Land Reserve Trust Stewardship Program with the Nature Conservancy to undertake and demonstrate science-based ecosystem management for private and public lands in Orange County's urbanized landscape. This area is recognized as a globally important biodiversity "hot spot". The non-profit Trust is implementing the program's long term conservation vision for habitat protection, restoration and open space by working with adjacent jurisdictions, land owners and non-profit organizations to develop, test and monitor management strategies and practices. Results include surveys and projects to control invasive plants and animals, restore habitats, protect native carnivore corridors, provide for ecological wildfire management, and promote coordinated trail development to enhance public use and recreation.

Contact:

Amanda Gable

External Affairs Director, Irvine Ranch Land Reserve Trust

(949) 720-5597

www.irvineranchlandreserve.org



East Bay Municipal Utility District and Foster Farms

ENERGY CONSERVATION & WASTE MANAGEMENT

Alameda County, California

Through a public-private partnership, the East Bay Municipal Utility District (EBMUD) and Foster Farms developed a safe process for using anaerobic digestion of animal waste to generate power. EBMUD processes 5.4 million pounds per month of Foster Farms poultry by-products that would otherwise require disposal by an energy-intensive drying process, and produces clean burning methane gas for power generation. The process also saves 24 million kilowatt hours of energy per year (enough to power 4,000 households). The partnership produced environmental and economic benefits for both entities. It solved Foster Farms' waste disposal problem and established new wastewater industry standards for digestion processes that can be expanded to other animal processing operations. It also increased EBMUD's ability to produce power by filling unmet anaerobic digester generation capacity at its cogeneration facility, and helped stabilize EBMUD's wastewater customer rates.

Contact:

David Williams

Director of Waste Water, EBMUD

(510) 287-1496

www.ebmud.com

Jim Marnatti

Environmental Affairs Manager, Foster Farms

(209) 394-6934

www.fosterfarms.com

Environmental & Economic Partnerships



Interior Removal Specialist, Inc.

DEMOLITION RECYCLING

South Gate, California

Interior Removal Specialist (IRS) is committed to providing the safest, least intrusive, and most environmentally conscious tenant improvement demolition services. Beyond IRS's motto of "destruction with care", they have partnered with many in their community and internal network of distributors, so everyone can benefit from their recycling efforts. In 2004, more than 680,000 pounds of salvaged items were donated to non-profit agencies in Southern California free of charge. Of the 27,000 tons of debris collected by IRS, only 10,000 tons went to the landfill. In partnership with Armstrong Ceilings, more than 264,000 pounds of ceiling tiles were recycled and shipped back to the manufacturer. IRS is the only company on the west coast to ship 100% recyclable ceiling tiles back to the manufacturer.

Contact:
Richard Ludt
Waste Management Administrator
(323) 357-6900
www.irsdemo.com



St. Elizabeth Community Hospital

ECOLOGY COMMITTEE

Red Bluff, California

St. Elizabeth Community Hospital, a 76-bed facility with approximately 68 active medical staff in a rural community has established programs for recycling and reducing solid and hazardous wastes within the hospital and the surrounding areas. It was one of the first 100 hospitals in the nation to commit to the "Health Care Without Harm" waste reduction promise. Starting with a thermometer exchange program that collected 1,600 thermometers and 85 pounds of mercury, the hospital also organized an Earth Day Fair, partnered with the County Sanitary Landfill on an E-Waste Amnesty Day for 77,228 pounds of e-waste, and is now working directly with a private company to facilitate tire recycling. The hospital maintains internal recycling and conservation programs for food waste, e-waste, energy and water, and is tracking its results: 160,000 pounds of paper, plastic and aluminum; 74,400 pounds of cardboard; 1,125 pounds of florescent lighting. St. Elizabeth Community Hospital partnered with the local newspaper to promote these events and with a local eco-friendly pest control company to encourage hospital employees to purchase eco-friendly products for home use.

Contact:

Leslie Jackson

Ecology Committee Chair

(530) 529-8125

<http://redbluff.mercy.org/index.asp>

Environmental & Economic Partnerships





A special thanks to the following individuals and entities that helped make this year's event a success:

- *The California Environmental Protection Agency*
- *The California Resources Agency*
- *California Department of Food and Agriculture*
- *California Business, Transportation and Housing Agency*
- *California Integrated Waste Management Board's Office of Public Affairs*
- *Dale Oliver, photographer of the State Water Resources Control Board*
- *The team of award reviewers*
- *Discovery Tree Pre-school*

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