



## Idaho Department of Environmental Quality Pollution Prevention Champion

Hewlett-Packard Company-Boise Site  
Boise, Idaho  
2006

### Environmental Commitment

Hewlett-Packard's environmental goals are to provide products and services that are environmentally sound through their lifecycles and to conduct their operations worldwide in an environmentally responsible manner. Hewlett-Packard seeks to minimize its environmental footprint by reducing the amount and impact of the materials used, decreasing the amount of energy used by their products, designing products to be recycled more effectively at the end of their life, and offering several take-back options for customers to recycle electronic waste. Hewlett-Packard works through its supply chain to extend its social and environmental standards throughout the industry.

### Pollution Prevention Success

#### Hazardous Waste Reduction

The Boise site manufacturing processes include a nickel-plating process that produces a nickel-containing waste. This wastewater is concentrated through a reverse osmosis process and, until last December, was sent off-site for incineration. HP has installed a new Ni Electro-Winning process that will now plate the nickel out of the wastewater and onto pellets that can then be sent off for recycling.

#### Energy Conservation

The Boise site has reduced energy use by installing operational standards that reduce equipment run times and by reestablishing lighting controls. The site instituted a PC shutdown campaign for its more than 4,000 computers. These measures reduced energy consumption by 1.5% annually in each 2002 and 2003.

#### Recycling and Waste Diversion

HP has initiated an ISB Precious Metals Recycling process. Currently, 11 different precious metals waste streams are being reclaimed. They include palladium solutions and solid debris, gold solutions and solid debris, and nickel metal. Both palladium and gold debris contain empty containers and contaminated rags, gloves, and clothing. These types of debris have been found to have some value.

Hewlett-Packard's Boise site began an aggressive solid waste management program in the 1980s, focusing on recycling and material reuse. Today, the site diverts 80% of its solid waste from the local landfill.

#### Employee Involvement

Hewlett Packard's Boise site has an active employee-run Sustainability Network, whose vision is to help employees conduct their personal and professional lives more sustainably. The network holds environmental education events, such as a facility-wide Earth Day fair, and facilitates sustainability classes at the site. The network collected 700 pounds of sneakers as part of a local Kiwanis Club recycling project. The network helped establish an on-site bike maintenance shop to support alternative transportation by employees.

## Lead by Example

The Boise site is a member of the U.S. Environmental Protection Agency's National Performance Track program, a national partnership that recognizes top environmental performance.

## For More Information

Contact Mark Miller at (208) 396-3262.

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