

# RCRA Hazardous Waste Cleanup + Productive Use

## Economic Profile

Boeing A&M Developmental Center  
Tukwila, Washington

### CONTINUED USE



Aerospace research,  
museum and library

### CLEANUP OVERSEEN BY Washington State Department of Ecology

The Boeing A&M Developmental Center houses aerospace research laboratories and test facilities in Tukwila, Washington. Starting in 1956, Boeing conducted airplane and missile research, which included using chemicals for electroplating, milling and cleaning. Operations led to soil and groundwater contamination.

In 1994, EPA released a RCRA Facility Assessment Report that identified multiple areas of contamination in need of corrective action. Since 1999, Boeing has been addressing the contamination through the Washington State Department of Ecology's Voluntary Cleanup Program. Cleanup is ongoing under the state agency's oversight.

Boeing continues to conduct research at the facility and operate its Museum of Flight and on-site exhibit. Boeing's activities at the facility currently support about 300 jobs, nearly \$41 million in estimated annual employee income and \$147 million in sales per year.



ANNUAL SALES

**\$147 million**



EMPLOYEES

**300**



ANNUAL WAGES

**\$41 million**

For more information about RCRA and the economic benefits of site reuse, visit [www.epa.gov/hw/learn-about-hazardous-waste-cleanups](http://www.epa.gov/hw/learn-about-hazardous-waste-cleanups).





BOEING CONTINUES TO CONDUCT RESEARCH AT THE FACILITY AND OPERATE ITS MUSEUM OF FLIGHT AND ON-SITE EXHIBIT. BOEING'S ACTIVITIES AT THE FACILITY CURRENTLY SUPPORT ABOUT 300 JOBS, NEARLY \$41 MILLION IN ESTIMATED ANNUAL EMPLOYEE INCOME AND \$147 MILLION IN SALES PER YEAR.

Because the facility has the potential to contribute pollution to the Lower Duwamish Waterway Superfund site, the facility is part of the Washington State Department of Ecology's Lower Duwamish Waterway source control efforts. EPA is leading efforts to clean up river sediments, while the state agency oversees controlling land-based contamination sources. Boeing's cleanup actions at the facility have included removing 1,400 tons of soil and adding non-toxic substances to groundwater to help natural bacteria break down contamination. Investigations, removal actions and monitoring are ongoing.

Boeing has historically used the facility for state-of-the-art aerospace research, such as the development of advanced composites. Today, the facility includes several buildings used as laboratories and office space. Part of Boeing's Museum of Flight is also on-site, including a gallery and library. The Charles Simonyi Space Gallery opened in 2011 and houses NASA's Space Shuttle Full Fuselage Trainer and other space exhibits. It also offers educational programs for all ages. The Harl V. Brackin Memorial Library is one of the most extensive aviation and space repositories in the country. It is a popular resource for aviation researchers, students and authors.

Ongoing RCRA Hazardous Waste Cleanup at the Boeing A&M Developmental Center continues in tandem with these services, allowing Boeing to provide unique educational opportunities while supporting the local economy with nearly \$41 million in estimated annual employee income and \$147 million in sales per year.



Boeing's cleanup actions and monitoring of the facility have allowed for the company's continued support of high-paying jobs in aerospace research.



NASA's Space Shuttle Full Fuselage Trainer is one of the highlights of Boeing's Museum of Flight.