

Fort – Huachuca, Arizona

The United States Army uses BioSonic recyclone and services to reduce their waste output at Fort Huachuca, Arizona.

Wood wastes added more than 500 cubic yards to the fort's solid wastes and cost the government approximately \$21,000 annually for transport and landfill disposal at \$70 per ton.

Some areas developed large heaps of pallets, and illegal dumping of others in environmentally sensitive woodland and riparian areas was increasing wildfire risks and contributing to habitat degradation.

Approximately five years ago, the U.S. Army Garrison's Environmental and Natural Resources Division (ENRD) began a program to stockpile these scrap wood products for recycling and for reuse. Now, used pallets are mulched into compost and used for watershed improvement and erosion control.

During 2004 alone, the scrap wood-recycling program achieved a net cost benefit of nearly \$12,000 and diverted 300 tons of scrap wood from the landfill. This saved the government approximately \$21,000 in transportation and tipping fees for the scrap wood disposal and extended the landfill's life.

