

**New York State  
Environmental Investment Program  
Capital Assistance Project Summary  
BCD Tire Chip Manufacturing Inc.**

**Project Background**

Permitted tire processor BCD Tire Chip Manufacturing Inc. (BCD) was founded in Scotia, NY in May 2001, and then moved to Hagaman in October 2004. Until July 7, 2006 when a defective electric motor on a conveyor caught fire, BCD was sorting and shredding in excess of 2,000 waste tires per day and selling them in the open market for use as fuel, or to local end users in New York's Capital Region. To maintain its customer base after the fire and to continue to serve the growing demand for tire processing in the local marketplace, BCD began outsourcing services for its customers at the rate of 1,500 tires per day. Although the business was reimbursed for some of its losses through insurance, BCD would still need to raise the money necessary to build a new warehouse and shredding line before it could resume operations.

**Project Description**

An Environmental Investment Program capital award of \$271,500 would be used to purchase a Barclay Tire Shredder, a classifier and a conveyance system with the capacity to recycle up to 16,000 tons of waste tires per year, which would allow the company to process 1.6 million tires per year. BCD would erect a new building to house the operation and by the end of the two year, the company would show that it was recycling tires at a

rate equivalent to processing at least 7,140 tons of tires into chips each year, an increase of at least 1,640 tons over what was processed in 2006. This would earn at least \$850,000 in annual gross receipts, an increase of \$130,000 over what BCD was receiving before the fire, as well as assure the creation of six new jobs and the retention of six current full-time employees.

**Project Results**

Once the equipment was installed and operational, BCD had no trouble achieving its performance outcomes. Within 18 months of the EIP award, BCD was processing an average of 28.41 tons of tires per day. Operating 255 days per year, the business is recycling 7,245 tons of tires per year and earning, on average, \$80,000 per month (approximately \$960,000 per year) selling the tire shreds to three local end users who primarily convert the tire shreds to tire crumb that is used to make a variety of recycled rubber products. The annual gross receipts at the end of the project were an increase of \$240,000 over the baseline. There are presently 10 employees working at BCD, and a new truck driver has been hired at American Tire Distributors to pick up waste tires and deliver processed shreds on behalf of BCD and its clients.

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**Contractor:** Town of Amsterdam  
**County:** Montgomery County  
**ESD Region:** Mohawk Valley  
**ESD Contact:** 518/292-5340

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**NYS EIP Investment:** \$271,500.00  
**Contractor Match:** \$625,526.71  
**Total:** \$897,026.71  
**Completion Date:** January 2009