



Waste & Recycling Services

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Fact Sheet –Tire Recycling Facility

History & General Information

- Tires are restricted by federal law to be placed in landfills. Rumpke's tire recycling program helps customers properly discard of their tires in a way that is beneficial to the customer and the environment.
- In 2001, Rumpke Recycling cooperated with D&R Recycling and the Ohio Environmental Protection Agency to clean-up an existing 3 million tires at the D&R site in New Miami, Ohio. Rumpke finished processing the original 3 million tires in late 2009.
- Rumpke Recycling has invested more than \$2.5 million to develop its tire recycling programs. The Ohio Department of Natural Resources has also provided Rumpke Recycling with two grants totaling more than \$645,000 to help facilitate tire processing and marketing programs.
- Rumpke partners with local companies and municipalities within and beyond Rumpke's four-state service region to help with other tire clean-ups and general tire disposal needs. During the busiest days 35-65 tons of tires will be transported to the facility for processing.
- The New Miami facility is regularly inspected by the Ohio Environmental Protection Agency.

Capabilities and Processing

- Upon entering the facility, the tires are weighed to determine the tipping fee. Then the tires are stacked until ready for processing. The tire recycling process is as follows:
 - Tires are loaded into a rough cut machine to break the tires down to approximately 8 to 10 inches wide by 24 inches long. These pieces are then fed into the next shredder via a conveyor
 - The second shredder cuts the tires into smaller pieces. This shredder also features an internal screening mechanism that allows any piece of tire smaller than 4" to be discharged into a pile, while larger pieces repeat the cutting process until they are small enough for discharge.
- Currently, Rumpke Recycling is reusing the resulting material to complete landfill construction.
- The facility is able to process 10-12 tons per hour (or about 10,000-12,000 automobile tires a day) and typically runs six days a week.

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