



Chrysler St. Louis North Assembly – Paint Solids to Electricity

Chrysler Corporation's St. Louis North Assembly Plant set a goal of diverting nearly 750 tons of waste paint solids from landfill disposal in 2007. To achieve this goal, an effective, cost-efficient method of removing excess water from the material had to be developed.

Waste Management Upstream, the plant's total waste management company, addressed this challenge by developing a simple, inexpensive process to dry the paint solids within 24 hours.

After the de-watering by Upstream, the paint solids are dry enough to be used as a fuel supplement. The solids are transported to the nearby Ameren Meramec Power Plant and burned with the plant's normal coal fuel.



In addition to landfill diversion, additional benefits of this solution include:

- Replacement of approximately 570 tons of coal per year.
- Generation of enough electricity to power approximately 70 homes per year.
- Titanium dioxide in the paint material removes mercury emissions and protects the surrounding environment.

The process is portable and is expected to be used at additional Chrysler assembly facilities in the future, resulting in additional environmental benefits.

From everyday collection to environmental protection, Think Green.® Think Waste Management.

For more information on Waste Management Upstream and the services they provide, please visit www.wmupstream.com.