

MRF of the Month

Green Circle Recycling LLC

Named by French fur traders for the Native American sport they observed being played with sticks that resembled a bishop's staff – *la crosse, en français* – the city of La Crosse, Wisconsin was settled by Europeans in the late 17th century on the banks of the mighty Mississippi River at the western edge of America's Dairyland. La Crosse is also home to the Western Wisconsin's newest materials recovery facility, Green Circle Recycling.

The MRF handles single-stream collected recyclable materials from both residential and commercial sources, including 15,600 households in La Crosse, 6,700 households in Onalaska,



Technical Specifications

Green Circle Recycling LLC

Location:

La Crosse, Wisconsin

Start-up date:

June 2014

Number of processing lines:

Three

Throughput:

40 tons per day

Tons of material expected to be processed in 2014:

5,000

Residue rate:

About 3 percent

and households in other towns and cities in the region such as Bangor, Galesville, Rockland, Rushford and Trempealeau.

Straight fiber loads account for about 15 percent of the material processed in the facility and the fiber content of the single-stream material is about 57 percent. The remaining amount of the single-stream collected material, 43 percent, is containers.

KVA Engineering of Hammel, Minnesota supplied the majority of the recycling equipment at the MRF and installed all of it. German manufacturer Hartner Mechanical Engineering manufactured the ballistic separator used in the facility and Metal Tech Systems of Pawleys Island, South Carolina, the distributor for Hartner, supplied the machine.

According to a Green Circle Recycling representative, that equipment is a major factor in the facility's low residue rate of around 3 percent.

"Because of the absence of any rubber disc screens anywhere on the sorting line, the facility is able to efficiently handle copper wires, steel cables, small appliances, car parts and other non-traditional material that most MRFs do not promote to be recycled," said the representative. "These materials are generally not

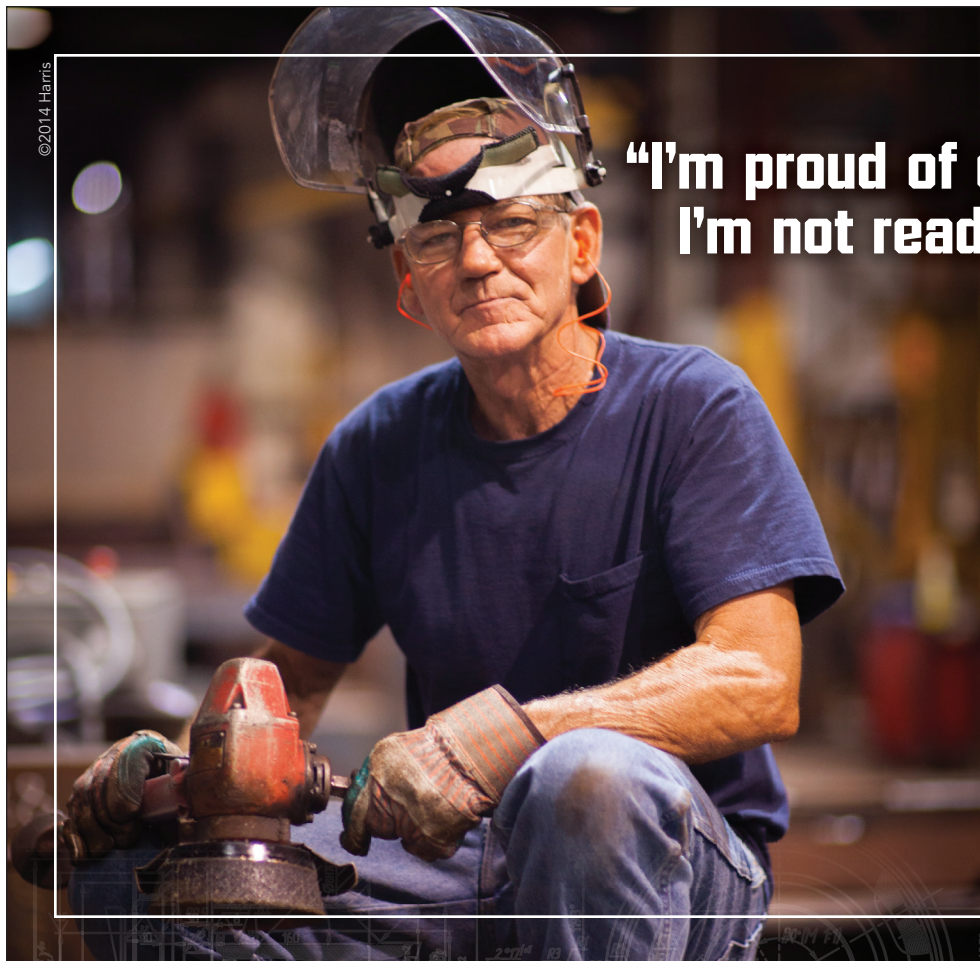


handled well by the rubber disc screens incorporated into most traditional MRFs.”

The 21,500-square-foot facility is lit via LED lights throughout, with installed natural panels reducing the need for artificial light. The MRF is also well insulated to retain the heat produced by the facility’s equipment during the region’s tough winter months and has various features installed to manage storm waters.

During the new facility’s first months of operations, “things are going very smoothly,” company representatives said, with the current top-line goals being “steady staffing and finding reliable markets for Nos. 3-7 plastics.”

Green Circle Recycling has 25 employees working a total of two shifts.



**“I’m proud of our history but
I’m not ready to rest on it.”**

Cecil L. Nail, Jr.
2-Ram Welder/Fitter

Harris offers a complete line of shears, balers, shredders, and waste compactors to meet the requirements of all the processing needs of waste management and materials recovery industries. We’re the company we always were, and we’ll be even more tomorrow, and that commitment is built into everything we sell. That’s why, when it matters, you buy a Harris.



Still Harris. Never Still.

800.373.9131 | harrisequip.com

©2014 Harris

Reader service #86