

MRF of the Month

City of Conway Sanitation Department MRF

Located around 30 miles north of the state capital of Little Rock, Conway, Arkansas is called the “City of Colleges,” because it’s home to Central Baptist College, Hendrix College and the University of Central Arkansas. The city is also home to approximately 60,000 residents and the City of Conway Sanitation Department’s materials recovery facility.

The MRF, which opened in 1995, accepts commingled curbside materials (sans glass) from the cities of Conway, Damascus, Greenbrier, Guy, Mayflower, Mt. Vernon



and Vilonia and the communities of Springhill and Wooster. The City of Conway has its own curbside program, while the other areas are serviced through the Faulkner County Solid Waste Management District, covering approximately 100,000 residents.

The facility also accepts commingled recyclables from commercial sites, though it collects clean old corrugated cardboard (OCC) and glass through different routes.

For its first 15 years, the MRF was largely a manual-sorting facility. In 2011, as part of expanding single-stream recyclables collection in the region, the City of Conway entered into an inter-local agreement with the Faulkner County Solid Waste Management District to bring the MRF up to present-day sortation standards.

The 35,000-square-foot facility was modified with a 10 tons per hour Marathon Recycling Solutions Group system with 16 conveyors, OCC screen, a bag breaker, a fiber



Technical Specifications*

City of Conway Sanitation Department MRF

Location:

Conway, Arkansas

Start-up date:

1995

Number of processing lines:

One

Throughput:

21 tons per day

Amount of material processed in 2012:

5,542 tons

Residue rate:

5 percent

screen, an eddy current, a cross belt magnet, an optical sorter and a bottle perforator. The expansion increased system volume by more than 300 percent, with room for additional growth.

The facility processed 5,542 tons of materials in 2012 and has a residue rate of around 5 percent. The biggest issue the facility faces is incoming contamination in the recyclables stream.

The City of Conway Sanitation Department MRF has 20 employees working one eight-hour shift a day, five days a week.



*Know of a North American MRF that you feel *Resource Recycling* readers should know about? If so, e-mail your recommendation, with high-resolution pictures, to dylan@resource-recycling.com, and your facility may just be highlighted in a future “MRF of the Month” column.