



Burlington County Single Stream Recycling Plant

Robert C. Shinn, Jr. Recycling Center

Engineer of Record

PROJECT INFORMATION

CONCORD DIVISION

Commercial

PROJECT LOCATION

Westampton, NJ

MARKET

Governmental

SERVICES

Engineer of Record

CONSTRUCTION COST

\$13.7 Million

ABOUT THE CLIENT

The Regional Recycling Program is funded by the Board of Chosen Freeholders and has been operated by the Occupational Training Center of Burlington County, Inc. (OTC) since 1982. The OTC is a private, non-profit agency that trains and employs individuals with disabilities.

Recycling vehicles are dispatched from the Center and collect from dropoff sites. The recyclables collected are brought back to the Center, processed and shipped to a variety of markets. Last year, they recycled more than 45,000 tons and collectively saved municipalities \$3.3 million in avoided landfill disposal fees.

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PROJECT SUMMARY

Concord worked closely with the County and equipment suppliers to detail the plant equipment layout and provide engineering services including power, HVAC, compressed air and fire protection to a 100,000 square foot recycling facility. Equipment involved a conveyor network feeding sorters, grinders, bailers, and compactors. Much of the machinery required special foundations with multi-tiered pits and service troughs.

Surrounding counties, such as Gloucester County, have moved to single stream recycling, touting its convenience, cost savings and evidence that simplifying recycling results in an increased volume of recycled items. According to Burlington County, the single stream process increases total recycling by 10 percent or more, thus reducing the amount of trash at landfills. Last year, recycling saved municipalities more than \$3.2 million in landfill tipping fees, officials said.