

St. Joseph Convent Project

Campbellsport, Wisc.



Construction & Demolition Waste Diversion



PROJECT DETAILS

Client: School Sisters of St. Francis
Location: Campbellsport, Wisc.
Project Start Date: April 2016
Project End Date: June 2017

Original Diversion Target: 85%
Final Diversion Rate: 98%
Total Diversion Weight: 26,203 tons

PROJECT INQUIRIES

projects@wastecap.org

C&D Waste Diversion
Deconstruction & Salvage
LEED® BD+C; LEED® ID+C
Operational Waste Diversion
Resource Management

OPPORTUNITY

This yearlong project featured the demolition and salvaging of the buildings and associated infrastructure of the former convent. The School Sisters of St. Francis engaged General Capital Group/Bedrock Construction and Northtrack Construction to lead demolition efforts. WasteCap was tasked with providing third-party waste management services for salvage and recycling efforts.

SOLUTION

As a third party waste management service consultant, WasteCap educated project management staff on best practices, conducted monthly inspections and compiled data tickets into WasteCap TRACE, the team's proprietary tracking software.

The demolition project included maximizing building component recycling and reuse based on practicality and diversion costs.

RESULTS

At the project's close, WasteCap surpassed the original diversion goal of 85% with a landfill diversion rate of 98%. Over 25,000 tons of non-hazardous solid waste generated by demolition were reused or recycled.

RESULTS CONTINUED

The 26,203.67 tons diverted included asphalt, cardboard, concrete/masonry, drywall, metal and wood among other items. The diversion totals for each of these materials is detailed below.

Material	Weight (Tons)	Estimated Volume (yd3)
Asphalt	2482.00	0.00
Cardboard	0.16	3.20
Concrete/Masonry	22719.00	32488.17
Drywall	0.11	0.44
Metal	543.65	1087.29
Other	21.66	0.00
Reuse	21.26	0.00
Wood	14.64	97.50
Total Diverted	25804.47	33676.60
Solid Waste	399.20	2279.43
Total for Solid Waste	399.20	2279.43
Total for All Materials	26203.67	35956.04
Final Diversion Rate	98.48%	93.66%



WasteCap additionally assisted in the salvaging of materials for reuse markets.

Salvaged materials included:

- Base Trim
- Boiler
- Ceiling Fans
- Doors
- Miscellaneous Woodwork
- Sinks
- Wood Flooring



WasteCap Resource Solutions