

# Kinnickinnic River Flood Management Project



Deconstruction



## OPPORTUNITY

At the start of this project, more than 660 homes and businesses resided in the floodplain of the Kinnickinnic River Watershed. In order to reduce the risk of flooding these properties, the Milwaukee Metropolitan Sewerage District (MMSD), drafted a flood management plan. This plan included widening the Kinnickinnic River and deconstructing 83 structures in the process. WasteCap was contracted as the project's deconstruction consultant.

The bid package for phases I-IV of the project entailed deconstructing 30 homes. The additional problem structures will be acquired and deconstructed in later phases. The initial homes spanned along the river from 2669 South 7th St. to 2611 South 15th St.

## SOLUTION

WasteCap joined the project to oversee deconstruction efforts. WasteCap's deconstruction experts provided training, identified salvageable materials and oversaw material removal for beneficial reuse. Contractors were trained to use WasteCap TRACE, an online material tracking system. A final report was then generated using information tracked here.

## RESULTS

Although this project is still ongoing, WasteCap is currently surpassing the initial diversion target of 85% and tracking towards a rate of almost 92% by weight.

Salvaged materials included: appliances, brick, cabinetry, doors, hot water heaters, HVAC systems, light fixtures, lumber, plumbing fixtures.

The project also focused on recycling building materials that could not be salvaged for reuse. This included recycling: asphalt, concrete, cardboard, drywall, metal, plastic and wood.

## PROJECT DETAILS

*Client:* Rivet LLC

*Location:* Milwaukee, Wisc.

*Project Start Date:* January 2011

*Project End Date:* Ongoing

*Original Diversion Target:* 85%

*Final Diversion Rate:* 91.68%

*Dollars Saved:* \$139,000

