

Carpet Recycling in California

Cycle 1 Micro Grants for Collection/Reuse Case Studies



California Carpet Stewardship Program

An initiative of CARE: Carpet America Recovery Effort



Zanker Recycling “before” (left) and “after” (right) with weather cover for carpet.

Zanker Recycling - Florin Perkins Disposal Site

PROJECT DESCRIPTION/GOAL

Post-consumer carpet (PCC) needs to be kept clean and dry year-round, including during the rainy season. Zanker Recycling added a cement pad and weather cover to divert more PCC away from landfill and for recycling.

Location: Sacramento

Project Timeline: June-December 2017

Grant Amount Given and Match, if any: \$10,000 granted; \$10,000 matched by grantee

Total Cost of Project: 20 hours to write and manage grant and initiate project. The total project cost, including materials and installation, was approximately \$20,000.

IMPLEMENTATION PROCESS

The structure was purchased from Versatube. “It was fairly simple to design and order the structure online,” said Abel Pereira, operations manager at Zanker Recycling. “Sierra National Construction prepared and installed the surface for the structure, including the asphalt setback to increase processing and tipping capacity. A reliable contractor was utilized to install the structure correctly.”

PROJECT CHALLENGES

There was one unforeseen issue during shipment of the structure. The vendor had to ship missing wall panels twice during the construction phase, delaying the completion of the structure by two months.

PROJECT BENEFITS AND OUTCOMES

The installation of the structure and its setback from the existing operations area has increased tipping, processing and staging space suitable for keeping carpet clean and dry. Not only does the structure provide a dry staging and storage area, it also provides a shaded work space for the employees during the hot summer months.

It is projected that the new weather cover and pad will increase recycling at the facility by 525,000 pounds annually. There was minimal PCC landfilled due to rain in 2017/18 compared to the previous season.

“Easy. Once we got the notice to proceed, we simply ordered the (carport) roof structure to protect the carpet, and set an install date with the company.”

—Jennifer Arbuckle, Recycling and Public Outreach Coordinator for Northern Recycling and Waste Services

Northern Recycling and Waste Services - Napa Recycling

PROJECT DESCRIPTION/GOAL

A weather cover (carport) was needed to keep post-consumer carpet (PCC) clean and dry during the rainy season. More PCC is then diverted away from landfill and recycled.

Location: Napa

Project Timeline: June-December 2017

Grant Amount Given and Match, if any: \$10,000 granted; no grantee match in original application.

Total Cost of Project: 20 hours of staff labor. Total project cost, including materials and install, was approximately \$12,000.

IMPLEMENTATION PROCESS

“Easy,” said Jennifer Arbuckle, Recycling and Public Outreach Coordinator for Northern Recycling and Waste Services. “Once we got the notice to proceed, we simply ordered the (carport) roof structure to protect the carpet, and set an install date with the company.”

PROJECT CHALLENGES AND BARRIER REMOVAL

Napa initially had an issue with the public drop-off site: customers sometimes placed the material outside of the roof, causing it to get wet. In response, Napa is obtaining signage to direct customers to place the post-consumer carpet under the roof.

PROJECT BENEFITS AND OUTCOMES

The project has kept the PCC dry during rainy days. The drop-off site projects 60,000 additional pounds of PCC diverted to recycling annually.



Napa Recycling “before” (left) and “after” (right) with weather cover for carpet.