



Tarlton's Sustainable Construction Experience

Back in 2003, Tarlton made a corporate commitment to sustainable construction when we decided to build a new corporate headquarters to LEED Silver requirements. We had already completed the Earth and Planetary Sciences Building on the Washington University campus, the city's first LEED Certified building.

Since then, we have introduced sustainable construction practices not only on LEED-registered projects, but increasingly on all of our jobs, recycling construction waste and worker trash wherever possible. More than 20 Tarlton employees have become LEED Accredited Professionals.

To date, our LEED experience includes:

- Anheuser-Busch Brewing Process Control Building, St. Louis, MO — LEED Registered, completed 2009.
- BJC HealthCare, Barnes-Jewish Center for Outpatient Health, St. Louis, MO — LEED Registered, in progress.
- GSA, Rush H. Limbaugh Federal Courthouse Interior Build-out, Cape Girardeau, MO — LEED Silver, completed 2007.
- GSA, National Personnel Records Center, St. Louis, MO — LEED Registered, completed 2011.
- Millipore, B15 Research and Development Laboratory Expansion, St. Charles, MO — LEED Certified, completed 2008.
- Saint Louis Art Museum Expansion, St. Louis, MO — LEED Registered, in progress.
- Tarlton Corporation, Headquarters Building, St. Louis, MO — LEED Silver, completed 2004.
- Washington University, Earth and Planetary Sciences Building, St. Louis, MO — LEED Certified, completed 2004.
- Washington University, Seigle Hall, St. Louis, MO — LEED Certified, completed 2008.
- Wexford Science and Technology, BioResearch & Development Growth Park Building 1 at the Danforth Plant Science Center, Creve Coeur, MO — LEED Gold, completed 2009.

Tarlton sustainability at home

Tarlton continues to lead by example, not only looking for ways to help our clients build more sustainably, but also "walking the walk" in our own facilities.

In 2011, we had a 25 kW solar array installed on our rooftop, said to be the first of its size installed for a general contractor in the region. The grid incorporates 112 panels with a power capacity of 25 kilowatts, roughly equivalent to the power required by five average homes. It is expected to save the company \$250,000 in utility costs over its life and to offset carbon emissions equivalent to planting 70 acres of trees.

LET'S BUILDSM



Our improvements address not only energy savings, but also indoor air quality and overall employee health and well-being. The firm installed three industrial-size ceiling fans in the open work area on the first floor to circulate air and better regulate the temperature, expected to save 25 percent during heating and cooling periods, and to improve employee comfort.



Also completed in 2011 was the installation of all new energy-efficient lighting in the Tarlton Equipment and Maintenance (TEAM) facility, next door to our office building.

Tarlton and recycling

Tarlton began recycling old equipment oil to heat our TEAM facility back before “green” and “sustainable” became household words. Three full-time TEAM-based teamsters take care of our hauling, utilizing two trucks and roll-off containers. We separate construction waste and document quantities and destination, as required for LEED projects.



We also recycle construction waste, glass, aluminum, cardboard and paper in the TEAM facility as well as in our headquarters office building and at our jobsites.

Tarlton leads the way

The firm is widely acclaimed for its sustainable building policies and practices. In 2008, we were named one of the country’s Top 100 Green Contractors by Engineering News-Record, based on construction revenue derived from projects certified by a third-party accrediting agency, such as the U.S. Green Building Council.



In 2010, the firm was the first St. Louis general contractor to sign on to the Green Business Challenge, a self-assessment initiative sponsored by the Regional Chamber and Growth Association challenging businesses to be greener. Tarlton received an Award of Merit in the inaugural year of the challenge, achieving the greatest gain in points by a building owner through sustainable initiatives undertaken during the year.

Tracy Hart, Tarlton president, championed the challenge in her role as chairman of the RCGA’s Energy and Environment Committee. Tarlton senior project manager George Fujii, LEED AP, was on the steering committee that helped the RCGA formulate parameters for the contest, also having served on the Education Task Force for the USGBC-Missouri Gateway Chapter.