



Maryland Green Registry MEMBER

The Maryland Green Registry promotes and recognizes sustainable practices at organizations of all types and sizes. Members agree to share at least five environmental practices and one measurable result while striving to continually improve their environmental performance.

Tilt Up Construction, Inc.

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Construction

Member since August 2011

Management and Leadership



Environmental Policy Statement

Tilt Up Construction is committed to reducing its impact on the environment. We will strive to improve our environmental performance over time and to initiate additional projects and activities that will further reduce our impacts on the environment. Our commitment to the environment extends to our customers, our staff, and the community in which we operate. We are committed to:

- *Comply with all applicable environmental regulations;*
- *Prevent pollution whenever possible;*
- *Train all of our staff on our environmental program and empower them to contribute and participate;*
- *Communicate our environmental commitment and efforts to our customers, staff, and our community; and*
- *Continually improve over time by striving to measure our environmental impacts and by setting goals to reduce these impacts each year.*



Environmentally Preferable Products and Services

Tilt Up Construction's President, Deborah Phillips, is a LEED Accredited Professional and a member of the U.S. Green Building Council. Environmental concerns are an integral part of our business and steps to increase our environmental performance are on the forefront of our company's mission and are reviewed annually at our board of contractors meeting. Tilt Up Construction strives to recycle as much material removed from jobsites as possible. In the demolition process many materials such as crushed concrete and miscellaneous

steel can be recycled easily and efficiently. By limiting hauling materials off to landfills we can improve our environment one project at a time.

Environmentally Preferable Purchasing

Tilt Up Construction uses green cleaning products in our office and promotes the use by employees in their homes as well. Tilt Up Construction also limits the use of paper products in their offices and purchases recycled content products such as copy paper where possible.

Waste

Solid Waste Reduction and Reuse

We print double-sided and on scrap paper to reduce paper use. Reusing paper has saved approximately \$350 per year.

Recycling

Tilt Up Construction recycles paper and aluminum cans and plastics. Since our landlord does not recycle the cans / plastics, they are taken home with Tilt Up's President, Deborah Phillips, to be recycled. All printer ink cartridges are recycled. They are delivered to the local elementary school as part of a drive to recycle more.

Energy

Energy Efficiency

Tilt Up Construction, as a small firm, has limited employees in its base office on a daily basis. Much of our time is spent in the field either managing or bidding projects or working from home. In order to reduce energy waste, our thermostat is set at 80 degrees on a daily basis in summer months and set at 60 degrees on a daily basis in winter months. This practice saves the company hundreds of dollars a year in wasted energy costs. On days when the office is being utilized we adjust the temperature to keep everyone comfortable and then re-adjust it after the work day to save energy while the office isn't in use. In addition we use energy efficient HP Laser Jet printers which are reported to be 20 % more energy efficient than non-qualified standard HP printer models.

Transportation

Employee Commute

Tilt Up Construction supports efficient employee travel. Employees, both full time and part time, are encouraged to telecommute as practical. Tilt Up Construction has set up a cloud-based document / file storage site that all employees can access in real time so that employees can work from home and have full access to all files. As employees change the files all other employees are able to see the changes and work off of the most recent documents. This ensures that employees do not have to be at the same location to benefit from up-to-date use of documents.

As President of Tilt Up Construction I limit trips I personally make to the office to a maximum of two days per week. With the use of technology it is possible to work from my home office with the same efficiency as if I was in the main office yet limiting my impact on the environment by reducing harmful emissions. This reduced car travel results in the savings shown in the chart below as well as fuel savings of \$8.61 per day not traveled into the office (at 3 days per week this is \$25.83 per week in fuel cost savings equaling over \$1,200 savings per year):

On an annual basis, this amounts to savings of

Total Hydrocarbons = 39.0 Lbs

Total Carbon Monoxide = 290.10 Lbs

Total Carbon Dioxide = 5,770.80 Lbs

Total Nitrous Oxide= 19.2 Lbs

Total Gas= 360 Gal

Efficient Business Travel

Tilt Up Construction encourages employees to align client and job based visits so that the most can be made of their travel time. Employees are encouraged to set up appointments so that they can reach the most jobs/clients in one trip as possible. Tilt Up Construction also supports carpooling to jobs and client offices where practical.

In July of 2011 we sent an associate to North Carolina to do a walkthrough of a project. In order to make the use of the travel time we had the associate fly into Fayetteville to look at the project, rent a car and travel to Raleigh to look at a project that bids in late August, then fly out of Raleigh to return to BWI. This alleviated the need for another trip in late August to look at the second job. Although this makes travels longer and often more hectic for the

associate it limits the amount of air travel and car travel required and in return reduces the costs for travel for the firm.

Tilt Up Construction also utilizes technology such as iPads, Facebook, and Skype to help limit unnecessary travel of multiple persons to potential job sites. These tools make it possible for non-traveling associates to view the potential project first hand in lieu of sending multiple associates to one pre bid walkthrough. Tilt Up Construction also uses Skype to teleconference with clients in lieu of traveling as appropriate.

Profile Updated December 2016



Help build a greener, more sustainable Maryland through voluntary practices that reduce environmental impacts and save money.

Learn more at green.maryland.gov

