



## 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.

# Davis, Bowen and Friedel, Inc.



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Architecture/Engineering/Surveying

Member since January 2010

## Management And Leadership

### Environmental Policy Statement

*We believe that businesses are responsible for achieving good environmental practice and operating in a sustainable manner. We are therefore committed to reducing our environmental impact and continually improving our environmental performance as an integral and fundamental part of our business strategy and operating methods. It is our priority to encourage our clients, suppliers and all business associates to do the same. Not only is this sound commercial sense for all; it is also a matter of delivering on our duty of care towards future generations.*

*Our policy is to:*

- *Wholly support and comply with or exceed the requirements of current environmental legislation and codes of practice.*
- *Minimize our waste and then reuse or recycle as much of it as possible.*
- *Minimize energy and water usage in our buildings, vehicles and processes in order to conserve supplies, and minimize our consumption of natural resources, especially where they are non-renewable.*
- *Operate and maintain company vehicles with due regard to environmental issues as far as reasonably practical and encourage the use of alternative means of transport and car sharing as appropriate.*
- *Apply the principles of continuous improvement in respect of air, water, noise and light pollution from our premises and reduce any impacts from our operations on the environment and local community.*

- *As far as possible purchase products and services that do the least damage to the environment and encourage others to do the same.*
- *Assess the environmental impact of any new processes or services we intend to introduce in advance.*
- *Ensure that all employees understand our environmental policy and confirm to the high standards it required.*
- *Address complaints about any breach of our Environmental Policy promptly and, if possible, to the satisfaction of all concerned.*
- *Ensure that our crews in the field are sensitive to the environment and, as a minimum, do no harm.*

**Environmentally Preferable Procurement**

*It is the policy of Davis, Bowen & Friedel, Inc. to purchase sustainably produced products if locally available. Our manila file folders, writing tablets and envelopes are made from approximately 30% post-consumer recycled content.*

**Environmentally Preferable Products and Services**

*As an architecture/engineering design firm, many of the projects we design incorporate elements of sustainable design. Some of those elements we have incorporated include rain gardens and bio-swales, rainwater collection systems, geothermal heating/cooling systems, natural lighting through the use of sky lights and clerestory, and room occupancy sensors for lighting. Our site design projects utilize Best Management Practices (BMP's) to manage stormwater.*

**Environmental Restoration or Community Environmental Projects**

*Davis, Bowen and Friedel, Inc. participates in a clean-up of the portion of the Wicomico River that runs through downtown Salisbury. This event is sponsored by the local Chamber of Commerce on a regular basis. The firm is also engaging with Delaware's DNREC in their efforts to maintain clean shorelines.*

**Waste**

**Solid Waste/Material Use Reduction and Reuse**

*Much of our older computer equipment is made available to employees for their use.*

**Recycling**

*We recycle aluminum cans, cardboard, printer/plotter paper, magazines, and old computers.*

**Composting**

*We have a compost bin to divert food waste and collect 200 pounds annually.*

## **Energy**

**Energy Efficiency**

*Our office was designed following the 2012 International Energy Conservation Code (IECC) that was enforced at the time of construction. The building was analyzed using COMcheck per the IECC and passed, noted as being 3% better than code. The building envelope is insulated per the prescriptive table which sets the minimum insulation requirements for the roof, walls, doors and windows. The roof has continuous insulation, above the roof deck, with a R-Value of 25. The walls are masonry and require continuous insulation with an R-Value of 9.5. The hollow metal doors have a U-Factor of 0.61, the glazed entry doors have a U-Factor of 0.77 and the windows in the building have a U-Factor of 0.38. The lighting fixtures are controlled by occupancy sensors with 15-minute cycle, and the fixtures use LED strips or modules. The total lighting load (wattage) is governed by the IECC. The HVAC Systems are packaged rooftop units with a fresh air component via a heat exchanger. The fresh air system is controlled by occupancy sensors and shuts off for efficiency when the building is not occupied. The units have dual compressors with staged operation for the efficient use of energy. The units are programmed with a nighttime cut back and a morning warm-up cycle. The system is controlled with 7 day programmable thermostats.*

## **Transportation**

**Employee Commute**

*We have provided bicycle racks for those employees who may wish to bicycle to work. We provide an energy-efficient company vehicle for daily employee business use.*

## Environmental Certification Programs, Awards, and Other Activities



*We currently have two architects on staff who have achieved LEED accreditation, Michael R. Wigley, AIA, LEED AP, President, and Michael E. Wheedleton, AIA, LEED Green Associate, Principal. We also have two landscape architects and a coastal design project manager on staff with LEED accreditation, Timothy M. Metzner, P.L.A., LEED AP ND, Associate, Donna L. Sanders, A.S.L.A, P.L.A., and Kenneth B. Eaton, LEED Green Associate. Davis, Bowen and Friedel, Inc. is also a member of the United States Green Building Council (USGBC). The firm has designed several projects that have achieved LEED certification.*

*Davis, Bowen & Friedel, Inc. is a recipient of the Green Business Certification by the City of Salisbury and the Salisbury Sustainable Advisory Committee, achieving gold status.*

**Profile Updated December 2020**



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

*Learn more at [green.maryland.gov](http://green.maryland.gov)*

