



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.

Amethyst Technologies LLC

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Regulatory Compliance Services

Member since January 2010

Management and Leadership

Environmental Policy Statement

To provide "Green" professional services for the design, creation, and operation of environmentally friendly, efficient, and productive clean rooms and laboratories. To operate our office and laboratory in a manner to reduce our environmental impact with carbon mitigation, energy efficiency, water conservation, waste reduction, and pollution prevention. To encourage our clients to choose "green" alternatives for their laboratories and offer a sustainable report routinely as part of our services.

Environmental Team

Amethyst Technologies LLC's environmental team consists of a team lead, validation engineers, and management. Our goal is to operate our office and laboratory in a manner to minimize our ecological footprint, limit hazardous waste, and choose sustainable alternatives. Company meetings take place on a monthly basis to develop new strategies and initiatives. Our company newsletter also has a Sustainable section that includes monthly tips for employees.

Annual Environmental Goals

See below for specific goals relating to Environmentally Preferable Purchasing. We also provide annual staff training and strategic planning and development on ways to reduce our energy usage.

Environmentally Preferable Purchasing

Amethyst has developed a Green procurement program that includes purchasing recycled products, Energy Star rated appliances, doing business within a 500 mile radius if possible, and qualifying suppliers. Amethyst has set the following goals: minimally 85% of supplies/equipment purchased within 500 mile radius by 2011, tracking of the amount of recycled products purchased with a yearly increasing trend, and requiring a written justification of purchases made not in accordance with the green policy.

For instance, the new computers in our laboratory and offices are Energy Star rated emachines with flat screen monitors.

Environmentally Preferable Products and Services

We offer our clients services for sustainable labs and include a sustainable checklist as part of our validation services. We have created a template with which to commission and design environmentally friendly laboratories and clean rooms. By using the LEED for commercial interiors system as a guide, we developed construction strategies that were able to adhere to and in some cases surpass the goals set out by LEED. This project will be applied at new construction projects and renovations at various facilities were Amethyst is contracted including Army laboratories.

Waste

Solid Waste/Material Use Reduction and Reuse

We provide paper-free calibration engineering services.

Amethyst has developed an employee sharing program to reduce waste.

Recycling

Amethyst has appropriate trash and recycling receptacles in our office and at our government client sites. All paper and other waste products are recycled whenever possible. Annually, we will recycle 4 tons of mixed paper, 0.4 tons of cardboard, and 160 pounds of bottles/containers.

Energy

Energy Efficiency

Amethyst is committed to reducing greenhouse gas emissions by reducing internal energy use. Specific steps include reducing the ambient temperature in our office, switching off office lights when not in use, purchasing recycled paper, replacing standard fluorescent bulbs with fluorescent light bulbs, unplugging devices rarely used, and utilizing power saving settings on all office computers.

Transportation

Employee Commute

Amethyst Technologies is located within 5 miles of BWI airport and is accessible to public transportation. We have contracts with commercial and government facilities across Maryland and try to schedule our employees to work at locations closest to their residence whenever possible. Amethyst has a flexible work day to allow employees to travel to and from work at off-peak hours. Many of our client locations are within walking distance to the metro or bus stops allowing for a means of commuting that reduces environmental impact.

Fleet Vehicles

Amethyst has made a commitment to drive neutral in our vehicles. We have a Scion XB and used 520 gallons of gas in 2009, producing 10,088 pounds of CO₂. We neutralized our 2009 emissions by purchasing a \$70.00 Drive Neutral offset to fund certifiable emissions reductions.



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

Learn more at www.green.maryland.gov/registry

