



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.

Maryland Department of Transportation The Secretary's Office

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<http://www.mdot.maryland.gov/>

State Government

Member since December 2011

Management and Leadership



Environmental Policy Statement

The Maryland Department of Transportation (MDOT) has an Environmental Policy Statement for the entire agency as well as a policy specifically for the Secretary's Office (TSO).

Environmental Policy for MDOT Secretary's Office:

<http://www.mdot.maryland.gov/Office%20of%20Environmental%20Programs/EnvironmentalPolicy.html>

Maryland Department of Transportation (MDOT), comprised of the Transportation Secretary's Office, Maryland Aviation Administration, Maryland Port Administration, Maryland Transit Administration, Motor Vehicle Administration, State Highway Administration, and the Maryland Transportation Authority believe that protection of human health and natural resources and implementation of environmentally sustainable business practices are essential elements of its mission. MDOT is committed to environmental compliance, continuous improvement in environmental performance and effective interaction with its employees, other government agencies, and the community.

Management Commitment

MDOT is committed to providing the leadership, systems, and resources necessary, through The Secretary's Office of Environment's delegated authority, to ensure that the objectives of this policy are achieved. MDOT is committed to

promoting a culture where environmental protection and compliance are an integral part of our management practices.

Employee Commitment

All MDOT employees are responsible and accountable for meeting their assigned roles and achieving objectives regarding environmental performance.

Compliance

MDOT will maintain compliance with applicable environmental laws, regulations, and other requirements subscribed to.

Sustainable Practices

MDOT will responsibly manage environmental resources and minimize impacts of its activities on the environment through effective planning, project development, operations and maintenance procedures.

Planning

MDOT will incorporate environmental performance goals into planning processes to ensure that regulatory requirements, pollution prevention and opportunities to minimize life cycle impacts are addressed in program and project management.

Communication

MDOT will communicate its environmental policy and performance goals to employees and stakeholders, ensure interdepartmental coordination, and will maintain open lines of communication about its environmental activities with the public.

Continuous Improvement

MDOT will strive for continuous improvement of its environmental performance through a program that includes training, periodic assessments, management review and implementation of initiatives.



Environmental Team

MDOT's mission is "The Maryland Department of Transportation's core mission is to facilitate the safe and efficient movement of people and goods across all major transportation modes. To perform this mission and achieve the Department's vision, MDOT must:

- Operate, maintain and preserve the State's existing transportation facilities
- Plan and implement system improvements
- Provide convenient administrative services to Maryland's vehicle owners and operators

The MDOT Secretary's Office of Environment is responsible for leading environmental compliance, stewardship, and sustainability policies and programs across all six MDOT Administrations and the Maryland Transportation Authority, over the life cycle of transportation assets. The office comprehensively oversees and coordinates environmental management activities in transportation planning, design, construction, operations and maintenance, and develops standards and guidance as needed to implement MDOT's Environmental Policy.

To fulfill its mission, the Office of Environment (OE) with a mandate provides regular ongoing communications between a core team of key staff from the following TSO Office Units: Office of Environment (OE), Facilities (OFFAS), and Planning (OPCP) on occasion, Policy and Governmental Affairs (OPGA) will also be included for the purpose of mutual awareness, coordination of ongoing activities, integration of larger initiatives and programs, and incorporating environmentally sound practices.

TSO also has a dual role as the Headquarters of the MDOT and has a Department-wide Modal Environmental Compliance Committee (MECC), comprised of environmental managers and staff from the seven transportation Administrations and an Environmental Executives Committee (EEC) comprised of executive staff from each Administration. The MCC meets quarterly, bi-monthly, or monthly depending on current issues being addressed and communicates routinely between meetings to identify new issues and opportunities as well as address existing issues that arise. The EEC meets once a year, more frequently depending upon the issues, and communicates informally.



Annual Environmental Goals

Goals

<http://www.mdot.maryland.gov/Office%20of%20Environmental%20Programs/Documents/2009MTPEnvironmental%20stewardship1.pdf>

Results

http://www.mdot.maryland.gov/Office_of_Planning_and_Capital_Programming/Dashboard/Documents/2013_AR_Updated_022013.pdf

Environmentally Preferable Purchasing

Green Procurement guidelines have been established for the purchase of electronic equipment and a best practices guide is under development. As the chair of the Green procurement Committee for the state, DGS maintains this information on their website at:

<http://www.dgs.maryland.gov/Procurement/Green/index.html>

MDOT is the Chair of the "Strategy/Intergovernmental Relations Sub-Committee" for state green procurement.

Information gathering and coordination between procurement and environmental subject matter experts at MDOT is ongoing and growing in regularity where procurement of products is concerned.

Waste

Solid Waste Reduction and Reuse

On April 22, 2013, MDOT-TSO hosted its first employee recycle and re-use day. It included contests between TSOP offices in collecting unused office supplies and returning them to the store room for others to use and sending out for recycling those things that could not be reused. TSO collected almost 2 tons of materials for reuse and recycling.

Recycling

MDOT, TSO continues to find new ways to reduce the amount of waste entering landfills. In 2011 we recycled 21.61 tons and in 2012 we recycled 25.89 tons.

In 2012, MDOT Headquarters recycled the following materials (in tons):

<i>Corrugated Cardboard</i>	<i>.918</i>
<i>Mixed Paper</i>	<i>16.876</i>
<i>Commingled Containers</i>	<i>.292</i>
<i>Fluorescent Bulbs</i>	<i>.063</i>
<i>Lead/acid (UPS) Batteries</i>	<i>7.308</i>
<i>Laser Toner Cartridges etc.</i>	<i>.237</i>
<i>Loose Leaf Binders</i>	<i>.05</i>
<i>Non-PCB Light Ballasts</i>	<i>.052</i>

Energy

Energy Efficiency

Lighting is curtailed during extended weekends and is currently being reviewed for additional controls through the Tridium Automation System. All chillers and boilers are kept at peak performance to ensure efficient use of electricity and fuel. The building automation system is systematically being inspected and reprogrammed to ensure peak performance of the building equipment.

Transportation

Employee Commute

MDOT hosts a COOL COMMUTE Program to promote carpool options, including the guaranteed ride home program all in an effort to reduce vehicle miles travelled a contributor to carbon emissions.

Water

Water Conservation

At the MDOT Headquarters facility, there are low flow faucets throughout the building, waterless urinals in the men's bathroom and the landscaping includes native plants to eliminate the need for irrigation.

Stormwater Management and Site Design

The MDOT Headquarters in Hanover is a LEED Gold Certified Building built in the Patapsco River Watershed. All of the developed acres of the site include stormwater runoff treatment. 6.44 acres are developed with the remaining 19.06 acres acting as treatment or placed in a Forest Conservation Easement. The main building area and North satellite parking lot encompass 2.44 acres and the runoff is treated with Contech Stormfilter treatment systems prior to discharge to a wetland of state concern. The West parking lot which encompasses 4.00 acres has its runoff treated by four dry swales engineered to treat separate sections of the parking lot. All of the swales discharge to a wetland for further treatment before discharge to an unnamed tributary of Stoney Run.

Environmentally friendly landscaping design also insures that only native plants have been used to allow the landscape to survive based on normal rainfall and not require the use of irrigation water to maintain the plant life.

Green Building

LEED Gold

The MDOT headquarters in Hanover is registered LEED Gold for New Construction.

Profile Updated April 2013



Maryland

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

