Welcome Rio Guanabara Bay Delegation to
Who We Are

In 1970, Maryland’s Governor and legislators created Maryland Environmental Service to protect the state’s air, land and water resources.
An Independent State Agency

MES is a State Agency and a Non-Profit Corporation.

This dual status allows the agency the flexibility to provide its many services with the backing of the State of Maryland and the efficiency of a private corporation.
How MES Works

- Established to be an affordable resource for county and municipal governments
- Non-profit
- Fee for service
- Counties and municipalities can quickly and efficiently enter into IGAs with MES for services
  In accordance with language in the Annotated Code, counties and municipalities may enter into Inter-governmental agreements with MES without going through their procurement processes
- Can’t respond to formal RFPs. We can however submit a proposal if specifically requested
MES has over 700 employees
Our Three Divisions

Environmental Operations  Water & Wastewater  Technical and Environmental Services
ECI Co-generation Facility
Water and Wastewater

Jerry Wheeler, Executive Director
Operations and Maintenance
Engineering

We operate and maintain 138 private, municipal, and county plants; several shared-use facilities and 88 state-owned plants at correctional facilities, health facilities, rest areas, and State parks.
Maryland Correctional Institution
Dorsey Run
Technical and Environmental Services

Cecelia Donovan, Executive Director

Stormwater
Environmental Monitoring and Reporting
Environmental Dredging and Restoration
Energy Projects
Geographic Information Systems (GIS)
Masonville Cove Environmental Education Center

Over 1,700 3rd, 4th, 5th Graders, 13 Area Schools participating
On behalf of our client, MPA, we are the largest creator of wetlands in Maryland.

Hart-Miller: 601 Acres
Poplar Island: 737 Acres
Swan Creek: 11 Acres

Poplar Island
MES has over 700 employees

Terrapin Outreach for the Port of Baltimore
GIS
STORMWATER

Pond repair at MDOT Headquarters
Environmental Operations

Steve Tomczewski, Executive Director

Solid Waste and Landfill Management

Recycling

Yard Waste Collection and Composting

ECI Co-Generation Plant
Projects are generally classified into four core areas:

- Recycling
- Composting
- Solid Waste Transfer
- Landfill Operation
Recycling
MES began operations in 1975.
A state-of-the-art single-stream recycling system is currently being installed at this facility at a cost of $15 million.
The new system will process approximately 80,000 tons of single-stream recyclables.
System is scheduled to be operational by October 1, 2013.
MES began operation in July 1997
29,500 tons of recyclable containers (aluminum, ferrous, plastic, and glass) were received in FY 2013
Upgrades of plant equipment were completed in 2002
The plant is outfitted with state-of-the-art sorting equipment
MES began operating this program in 2012.

MES personnel make collections from 48 recycling sites.

Approximately 4,000 tons of glass, plastic, paper and metal are collected annually.

The program is funded from a portion of the tipping fee collected at the Midshore Landfills and sale of collected commodities.
Scrap Tire Management Program

- MES is contracted by MDE to administer scrap tire management operations.
- The Service cleans up and restores designated properties containing illegal scrap tire stockpiles.
- The Service administers scrap tire beneficial use projects.
Composting
Leaves and grass are received at the facility and placed into composting windrows to create Leafgro®.

Leafgro® is sold in bulk from the facility.

Over 55,000 tons were received in FY 2013.

Currently doing a demonstration project at the facility utilizing pre-consumer food scraps.
FOOD WASTE PILOT PROJECT:
- Utilizes an in-vessel composting system from WL Gore Company.
- Advantages over windrow composting are: better process control, odor control, shorter processing time, leachate management and minimized space requirements.
- Project will provide needed data to determine best compost recipe for full scale food waste composting facility.
Leaves and grass are received at the facility and placed into composting windrows to create Leafgro®.

Leafgro® is sold in bulk and bags from this facility.

77,000 tons received in FY 2013.

This facility was recently ISO-14001 certified, one of only a few in the country.
Solid Waste Transfer
Baltimore County Central Acceptance Facility (CAF)

- MES began transfer operations in 1996
- 360,000 tons of municipal solid waste were received in FY 2013
- A residential drop-off center (RDOC) was opened for operation in 2004 and accommodates 27,000 tons of residential waste and recyclables per year
MES began transfer operations in 1976
91,000 tons of residential collection and self-haul residential waste was delivered in FY 2013
A 195,000 ton/year commercial transfer station was opened in December 2005
Landfill Operation
Landfill opened in FY 2010
- Serves a four county area known as Midshore
- Facility is owned and operated by MES
- Facility received 101,000 tons in FY 2013
- Construction of the second cell will begin in 2014