

Your challenge is to meet the demands of stormwater regulations. Governor O'Malley wanted MES to be prepared to help you.



Maryland Environmental Service

Counties and Towns are wary of taking on the carrying costs of additional employees.

Our strategy: Finding ways to help you defray those costs.

Maryland Environmental Service

On the front end, a stormwater program is labor intensive.

After a project is established, labor is reduced.

MES can allow you to have the staff you need, only for as long as you need them.

MES has invested in human resources to address County and Municipal stormwater needs.

MES employs over 700 employees including 150 stormwater professionals. Staff resources include:

Project Managers

Environmental Specialists

Samplers

Lab Specialists

Mechanics

Laborers

Software Application Developers

Compliance Inspectors

Geologists

GIS Specialists

Chemists

Equipment Operators

Website Developers

Engineers

Grant Specialists



MES has invested in technology resources to help keep costs down.

MES has developed computer applications to develop your stormwater implementation strategy.

Stormwater applications help you locate the most costeffective opportunities to do retrofits.

The apps generate the reports you must send to the regulatory body.

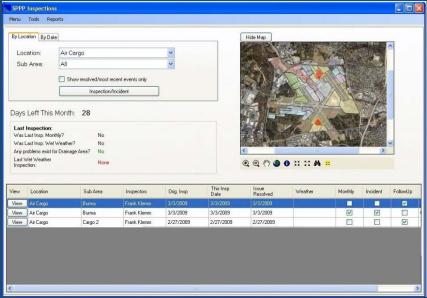
Stormwater Applications

MES has done stormwater work for BWI Airport since the 1980's

When we started to ramp up our GIS work, step one was to do a field inventory of stormwater structures at the airport.

For the M.A.A., we developed a suite of stormwater inspection field applications. Other Department of Transportation modals now use the apps.





Stormwater Applications Developed by MES

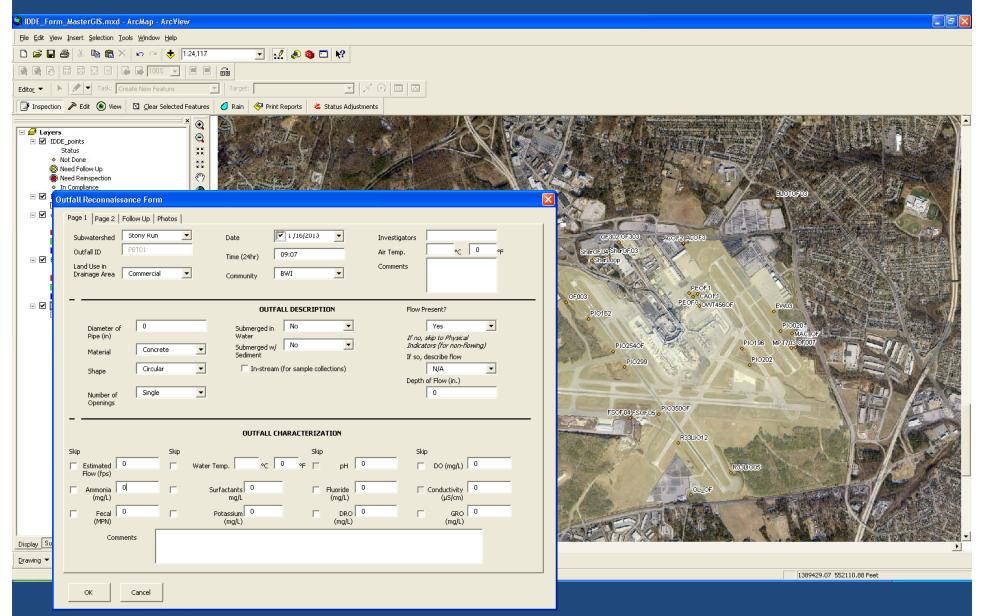
MES has developed four significant stormwater applications, as well as several other customized stormwater apps.

- Stormwater Inspections Field App
- •IDDE Inspection (illicit discharge and detection elimination) App
- •SPPP (stormwater pollution and prevention plan) App
- •Oil Water Separator App

You don't have to reinvent the wheel.

The MES stormwater apps are already developed and can be used by Counties and Municipalities.

Stormwater Applications - IDDE



Stormwater Applications - CARS

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MVA's Compliance and Recordkeeping System (CARS) of stormwater inspections performed at the MVA HQ.

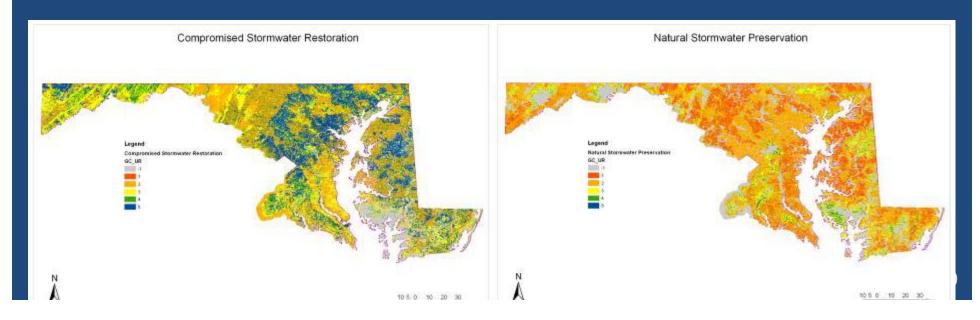
Stormwater Applications

MES developed the Watershed Resource Registry for the Green Highways Partnership project, which includes EPA, ACE, SHA, FWS, FHWA, MDE, and DNR.

It is for Federal, State and Local governments to target "bang for your buck" locations for restoration and preservation.

It's FREE

EPA will be presenting on this tool later this afternoon.



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 Intergovernmental agreements with MES without going through their procurement processes

Can't respond to formal RFPs. We can however submit a proposal if specifically requested



The Baltimore Montessori Public Charter Schoolyard Greening project removed 2,395 square yards (0.49 acres) of impervious surface, and replaced it with sod, topsoil, mulch and plantings. The cost was \$136,900.

MES Stormwater Projects



The Matthew Henson Elementary School project removed 4,400 square yards (0.95 acres) of impervious surface and replaced it with sod. The cost was \$139,500.



In St. Mary's County, MES tracks the stormwater system inspections in a database, mails out the inspection results to the system owners, provides technical assistance to owners for how to make repairs and do maintenance, and provides regular status updates to the County.







Your Stormwater Program

The underground pipes, the computer applications and the regulations are not visible to citizens.

But a new tree and new green space gets noticed and appreciated by citizens.

These projects attract community involvement.

Property values are increased.

It's a challenge to your budgets. MES is here to help you keep your costs as low as possible.

MES Stormwater Services

For more info. about our services, contact:

Jason Gillespie

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