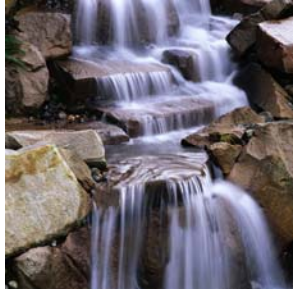


## What are biosolids?

Biosolids: \bī-ō-sā-ləds\  
“solid organic matter recovered from a sewage treatment process and used especially as fertilizer.”

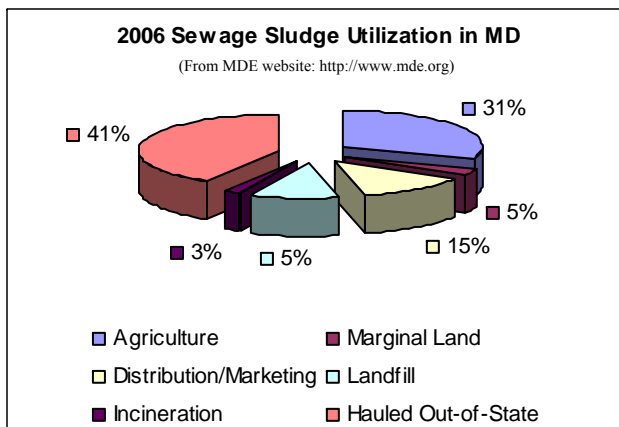


## What are the Benefits of Applying Biosolids to Farms?



- Keeps nutrients out of the Chesapeake Bay.
- Reduces use of groundwater.
- Source of moisture during drought.
- Reduces soil erosion.
- Preserve farm land.
- Natural fertilizer.
- Soil conditioner.
- Higher crop yields.
- Saves farmers money (Biosolids are free!)
- Saves landfill space.

## Biosolids are used for MD Farms:



## Anne Arundel County protects Public Health by:

- Working with a private company specializing in biosolids handling.
- Disinfecting biosolids.
- Following all laws.
- Sampling and testing.
- Inspecting.
- Training.
- Recordkeeping.
- Maintaining equipment.

## Where to go for more information:

USEPA Office of Water  
[www.epa.gov/OW](http://www.epa.gov/OW)

Maryland Department of the Environment  
[www.mde.org](http://www.mde.org)

National Biosolids Partnership  
[www.biosolids.org](http://www.biosolids.org)

[www.virginiabiosolids.com](http://www.virginiabiosolids.com)  
[www.nebiosolids.com](http://www.nebiosolids.com)  
[www.mabiosolids.com](http://www.mabiosolids.com)

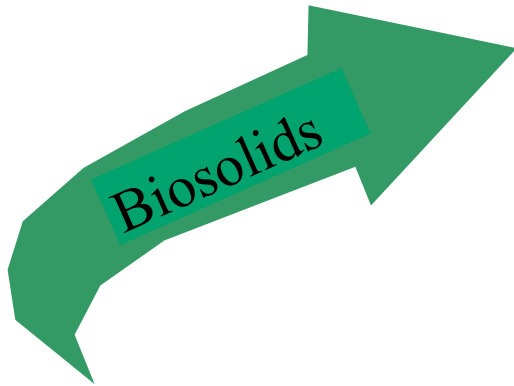
### For more information about Anne Arundel County's Biosolids Program contact:

Program Manager  
Anne Arundel County-Department of Public Works  
1640 Professional Blvd  
Crofton, MD 21114  
(410) 222-7931



See what we've got growing!

Take a look at how Anne Arundel County recycles this valuable resource.



CROPS

Biosolids are applied to farms and reduce the need for commercial fertilizers that can run off the land into waterways or drain down to the contaminate the groundwater.



BIOSOLIDS

Sludge is treated and becomes biosolids, a natural fertilizer that also adds moisture to the soil. Biosolids are applied to farms to grow crops like corn, soybeans, small grains, and sod. These are crops that are not eaten raw.

## Recycling Biosolids



WATER

Water is pumped from the ground and treated at one of the County's 13 water treatment plants. From there it is pumped through the distribution system to homes and businesses.

WATER RECLAMATION FACILITY

Wastewater from homes and businesses flows to one of 7 Water Reclamation Facilities where treatment separates liquids from solids (sludge). The liquid portion is cleaned, disinfected, and sent to rivers and creeks. The solid portion becomes sludge.

