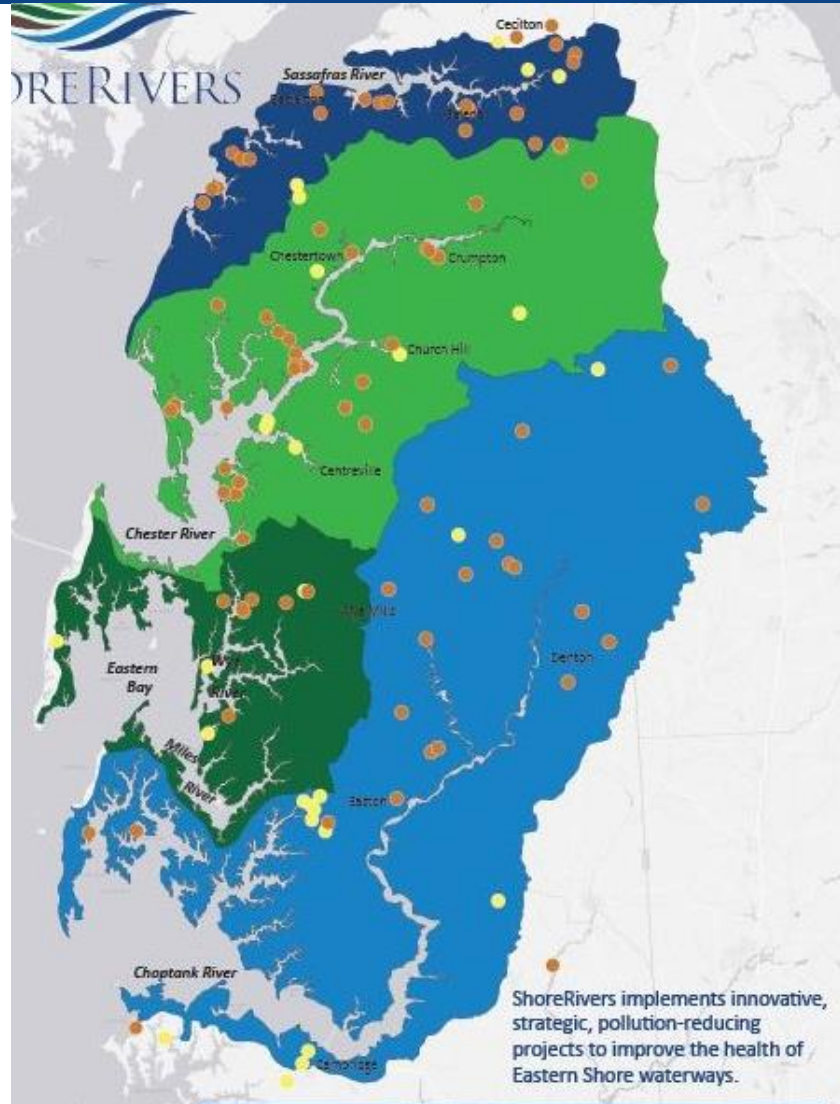


Chesapeake Bay Commission 9.13.19



Pollution Reduced Every Year				
Project Location	No. of Projects	Nitrogen	Phosphorus	Sediment
● Farmland	89	87,049 lbs	12,819 lbs	2,768 tons
● Non-Farmland	42	3,711 lbs	854 lbs	156 tons
Total	131	90,760 lbs	13,673 lbs	2,924 tons



SHORE RIVERS

Protect and restore Eastern Shore waterways through **science-based** advocacy, restoration, and education.



Challenges to Achieving WIP III

From a Maryland perspective, achieving WIP III targets seem almost impossible without additional resources.

1. Soil Conservation Districts are understaffed and lack expertise.

- Need 29 staff – 9 unfilled positions and 20 new positions to meet WIP III land under conservation goals.
- Environmental engineers are scarce and in high demand.
- The required Agricultural BMP's to meet WIP III are formidable compared to what has been done in the past.

2. Design funding sources are lacking.

- Very limited capital (\$1.2 to \$1.5 million)
- Expensive design requirements (\$80,000 to \$200,000 per project)

3. Timeframe for project implementation is too long.

- Three-step process can take 3-4 years:
 1. Project conception and outreach phase – 1st grant
 2. Design and engineering phase – 2nd grant
 3. Construction – 3rd grant

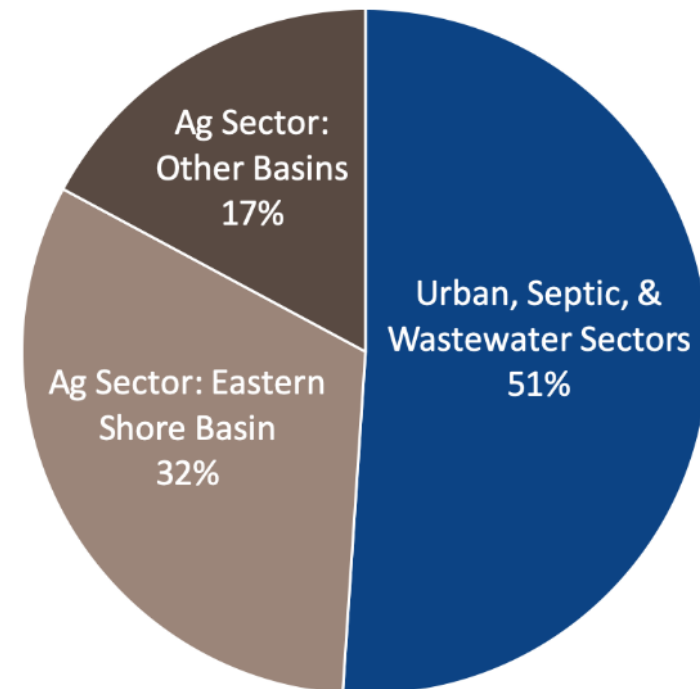


Opportunities to Achieve WIP III

Implement projects faster by streamlining the process and better aligning state policies with WIP III goals.

1. Streamline the concept-to-implementation process – ASK ME!!
2. Provide more funding for project design.
3. Streamline permitting – MD should adopt the Corps' stream restoration general permit.
4. Create a multistate database for manure transport.
5. Treat cover crops like a BMP instead of a subsidy.
6. Include roadside ditch restoration. (not in model 6)

Maryland Nitrogen Reductions Needed to Meet Phase III WIP (9.4 M lbs/yr)



65 % of Maryland's required nitrogen reductions from the ag sector will come from the Eastern Shore.

We need more funding and commitment from the state to achieve these goals.