

### SUPPLEMENT B: Sedimentation Discussion Pictures

Severn River Photo:

This is an image of sediment in the Severn River. Several years ago, a construction site neglected to put up its silt fence over the weekend. That weekend there was a heavy rainstorm. With nothing to hold the soil in place, all the loose dirt and clay washed down the hill into the Severn River. We are still feeling the effects today.



Hurricane Irene:

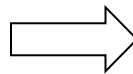
Photo A:

This is a satellite image of the Chesapeake Bay a few days before Hurricane Irene, which occurred on August, 27, 2011.



Photo B:

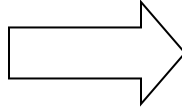
This is a satellite image of the Chesapeake Bay a few days AFTER hurricane Irene, which occurred on August 27, 2011. Note the sediment in the bay and its tributaries.



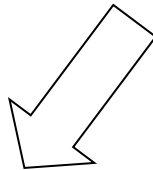
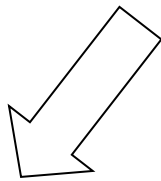
**SUPPLEMENT C: Erosion Discussion Pictures**



This is an outfall. Storm water that goes into storm drains from the streets exits here. This is on Riva Road in Annapolis Maryland.



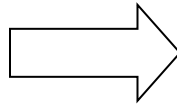
This is erosion caused by a poorly placed outfall. Nothing was planted near the outfall to slow down the water and let it soak in. After a major rain event, the water flows faster over the land and causes erosion.



These are step pools. They are built to help slow down water and let it soak into the ground to prevent erosion.



These are the step pools during a heavy rainstorm. Look at how the step pools allow the water to flow into pools where it can soak into the ground.



The step pools are made to look natural by adding native plants and rocks. Students from Anne Arundel County helped to plant plants around the site.

**SUPPLEMENT D: Felt board poster**

# Pollution Solution



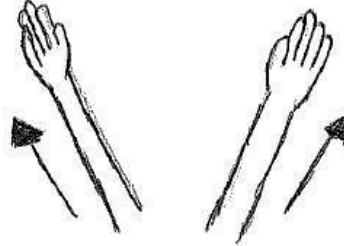
**SUPPLEMENT E: Solutions to Pollution Table**

Model	Pollution	Solution
Shoreline	Erosion	Create a living shoreline by planting native grasses. The roots of the grasses hold onto sediment and prevent erosion.
Forest	None	
Construction Site	Erosion	Follow best management practices by properly installing silt fences and sediment retention areas.
Farm	Fertilizer, Pesticide, Animal Waste	Reduce use of fertilizer and pesticides.
Lawn	Fertilizer, Animal Waste	Reduce use of fertilizer. Replace fertilizer with compost. Pick up after pets.
Road	Salt, Oil and Gas	Walk, bike, carpool, or use mass transit to reduce the number of cars on the road, therefore reducing the amount of oil and gas leaked onto road surfaces.

SUPPLEMENT F: Watershed Dance

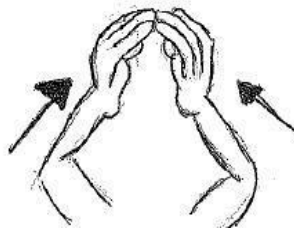
# The Chesapeake Bay Watershed Dance

The Chesapeake Bay Watershed is...



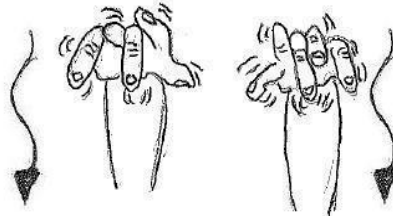
Hooray!

An area of land...



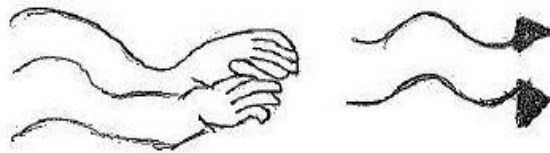
Make a House

Where all the rivers and streams...



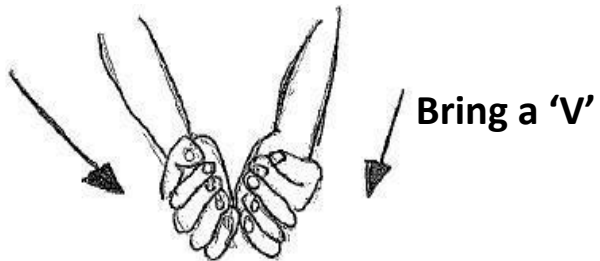
Spirit Fingers

Flow...



Swimming Fish

Into the Chesapeake Bay!



Bring a 'V'