

2011 VLWA – Regional Science Fair Award Winners

Northern Virginia Regional Science Fair (Arlington)

Sloane Mebane (11th Grade)

Wakefield High School

The Effects of Cigarette Litter Polluted Rainwater on the Growth of Pot Marigold Plants

Marisa Shotwell (7th Grade)

Thomas Jefferson Middle School

Weather Water River Water

Virginia Piedmont Regional Science Fair (Charlottesville)

Samantha Mangum (11th Grade)

Western Albemarle High School

Comparative Analysis of Pathogenic Organisms

Alexis Delgado & Katherine Chase (8th Grade)

Drew Middle School

Runaway Runoff

Blue Ridge Highlands Regional Science Fair (Radford University)

Madeline Showalter (8th Grade)

Scott Memorial Middle School

Bugs and Other Drugs

Fairfax County Regional Science and Engineering Fair

(No winners selected this year – VLWA judges are required to attend this event)

Shenandoah Valley Regional Science Fair (James Madison University)

McKenna Kendrick (10th Grade)

Sherando High School

The Effect of Location in the Shenandoah River on the pH Level

Rebecca Reeves (8th Grade)

Stewart Middle School

Revisiting Mossy Creek

Central Virginia Regional Science Fair (Lynchburg)

Abbigale Anderson (11th Grade)

Central Virginia Governor's School

The Use of Hydrocotyle in Phytoremediation

Matt Hazelwood (8th Grade)
Altavista Combine School
Effect of Natural Materials on Amount of Oil in the Water

Prince William-Manassas Regional Science Fair

Krystal Kersse and Adrian Castro (11th Grade)
Freedom High School
Saving the World One Water Molecule at a Time

Nick Shablom (7th Grade)
Bull Run Middle School
Effect of Fertilizers on Algae Growth (Eutrophication)

Tidewater Regional Science Fair – Norfolk, Virginia

Morgan L. Poplawski (11th Grade)
Menchville High School
The Effect of a Holding Pond on Water Quality of Deer Park Lake – Newport News, VA

Gabriella Francese & Julia Kleinhample (7th Grade)
Spratley Gifted Center
Mean, Clean, Riparian Machines

Metro Richmond Science Fair

John-Reid Ryan “Jack” (9th Grade)
Hanover High School
The Effect of Pollutant Salts on Rotifer Mortality Over Time

Sam Schwartzkopf (8th Grade)
Moody Middle School
The Effect of Type of Shoreline on Amount of Soil Eroded

Western VA Regional Science Fair (Roanoke)

Levi Helm (9th Grade)
Roanoke Valley Governor’s School
The Effect of Roundup on the Growth of Cyanobacteria

Abigail Simpkins (7th Grade)
Northside Middle School
The Horrors of Acid Rain

Loudoun County Regional Science & Engineering Fair (Sterling)

Ariana Fernandez & Kelsey Margulies (12th Grade)
Potomac Falls High School
Measuring the Efficacy of Biological Treatment Units to Manage Propylene Glycol Runoff when Utilized as a Deicing Agent