

My Property Report

Based on your property's location, LandServer has produced this report. This report provides a wealth of basic information on your land, and a coarse assessment of your natural resource conservation opportunities.

This report will help you plan actions on your land by packaging natural resource information not readily available and estimating your potential to earn income from ecosystem service markets and federal and state conservation programs.

This information is supplied by GIS data housed in the LandServer database. This database will be updated regularly, so be sure to check back to look for data updates.

When you're ready to take action, LandServer can automatically connect you to the Bay Bank, an ecosystem service marketplace that works to connect willing landowners to a variety of ecosystem service markets. To learn more about your conservation funding opportunities, enroll in the Bay Bank by clicking the button next to your report in My Account.

LandServer

Conservation assessment tools
and services for landowners

This free report was generated at
www.landserver.org.

[Log in](#) to view all of your property
reports and get instructions for next
steps.

Report date: February 15, 2011

Have question or comments?

Use our [Contact Form](#) to send us
your comments and questions and
we will respond to you as quickly
as we can.

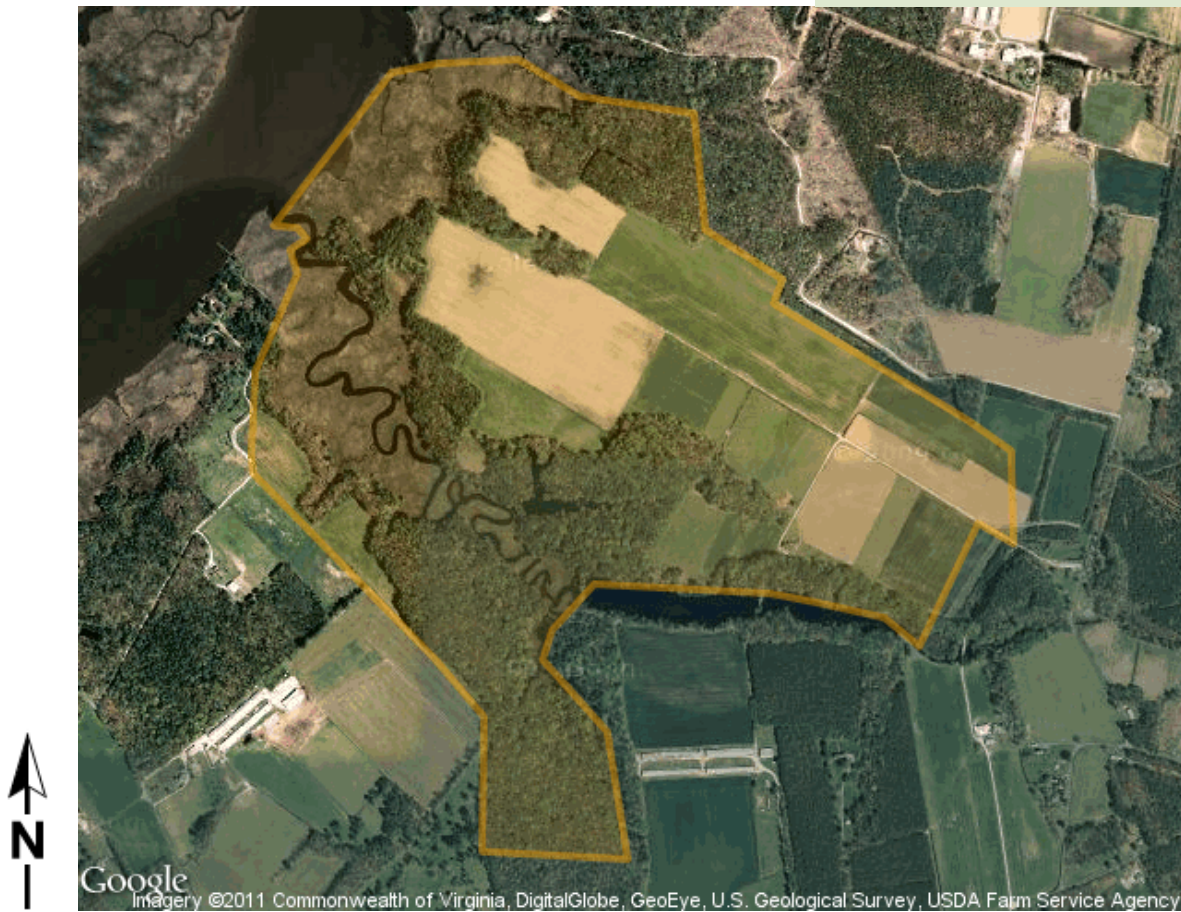
Stone Creek Farm

Address: Princess Anne, MD 21853, USA

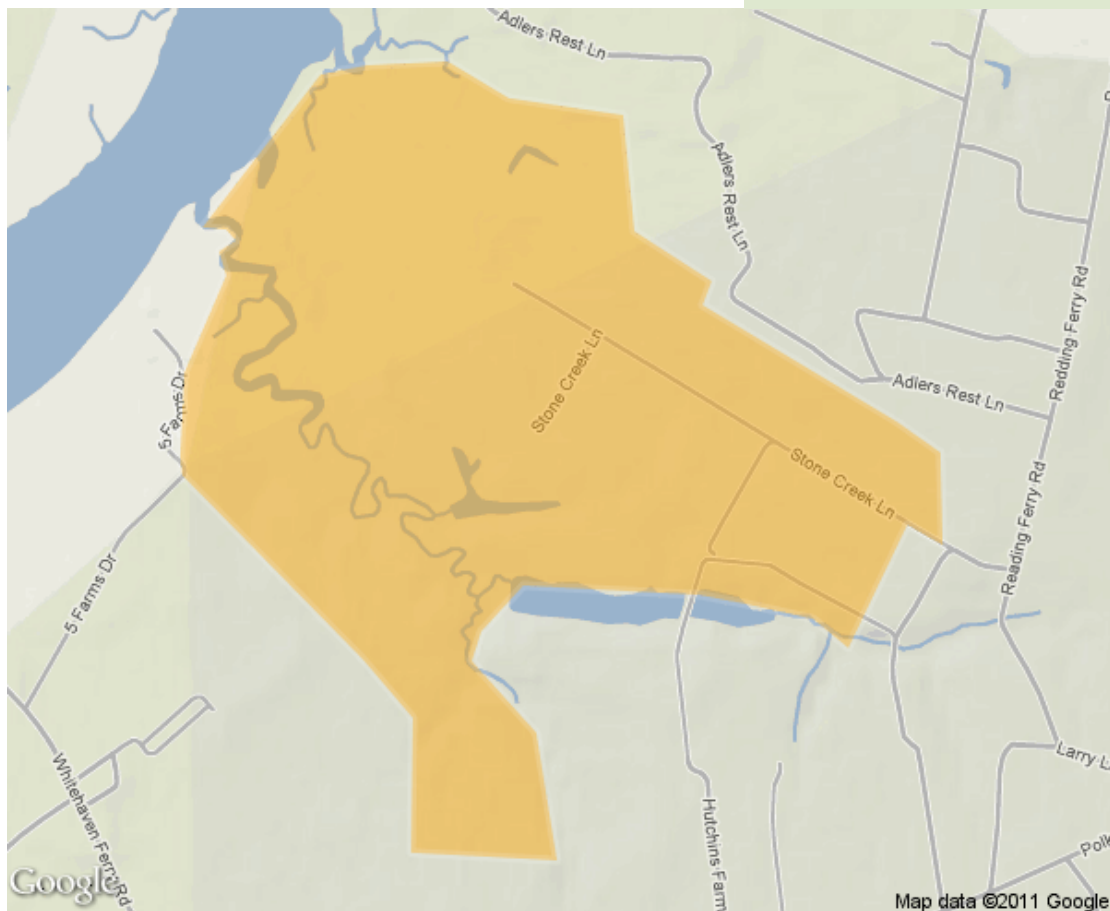
County: Somerset **State:** Maryland

Size: 323.6 acres

Satellite view



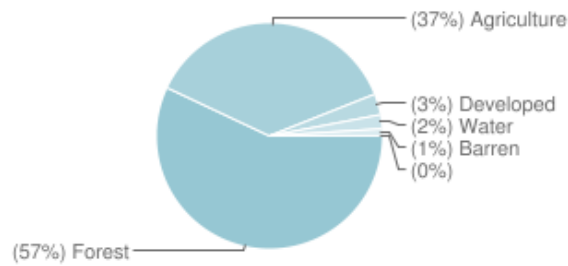
Terrain Map view



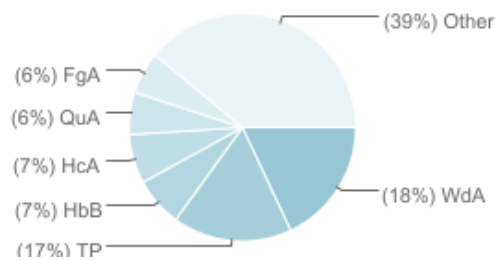
Your Land

Your land sustains your way of life, income, and health for you and your neighbors. This section provides basic information on the composition of your land.

Land Cover



Soil Types



Ecoregion

Middle Atlantic Coastal Plain

Physiographic Region

Coastal Plain

Other land qualities

Median slope: 2.59%
Average Aspect: South
Average Elevation: 7.19 feet

Your Water

The water that flows over, through, and near your property provides many benefits to you and your neighbors including the provision of drinking water, habitat, and personal recreation. This section provides basic information on the water resources present on your property.

Regional watershed

Blackwater Wicomico

Local watershed

Wicomico Creek; Lower Wicomico River

Nearest named stream

Stone Creek

Within 100-year floodplain

Yes

Your Unique Natural Resources

Depending on a property's location it may contain unique natural resources. These resources are natural assets that make your property exceptional. Having these resources on your property increases the "natural capital" or the overall value of the natural resources located on your property.

Unique Resources

Potential habitat for plants and animals that live in forests

The Priority Areas

Numerous conservation organizations have developed priority area information to focus their work. This section identifies the priority areas that overlap with your property. Not all of these programs may provide financial benefits, but the information will be helpful as you plan to implement conservation actions on your property.

Priority Areas

USDA NRCS, Priority Watershed for Nitrogen
USDA NRCS, Priority Watershed for Phosphorus
Chesapeake Bay Program, Habitat Corridor

Ecosystem Market Opportunities

Private lands provide a variety of ecosystem services that can potentially be sold through both existing and emerging ecosystem markets. This section of the report summarizes your ecosystem market opportunities based on your properties location and composition. Capitalize on these market opportunities by opening a Bay Bank account today!

Carbon	Avoided Deforestation Market
Forest Conservation	None currently available
Habitat/Biodiversity	Voluntary Delmarva Fox Squirrel Bank
Water Quality	Maryland State Nutrient Trading MD Everywhere Else
Wetlands	Potential for Wetland Restoration: Low Maryland Wetland Protection Potential: Medium

Conservation Program Opportunities

Conservation programs provide private landowners with financial cost share and technical assistance to implement on the ground conservation practices. LandServer estimates your opportunities to participate in a variety of programs.

Environmental Quality Incentives Program (EQIP)	Yes
Conservation Reserve Enhancement Program (CREP)	Yes
Cooperative Conservation Partnership Initiative (CCPI)	None
Wildlife Habitat Improvement Program (WHIP)	Yes
Wetland Reserve Program (WRP)	Coming soon
Forest Stewardship Plan (FSP)	Coming soon

Learn About Your Ecosystem Services

Regardless of your eligibility for ecosystem markets or conservation programs, your land sustains you and your neighbors by providing a variety of ecosystem services. Information specific to your property is highlighted in blue. The services include:

Cleaning the air

Natural resources like your farm or forest improve local and regional air quality in many ways including reducing air temperature, removing air pollutants, and conserving energy.

Filtering and cooling water

Nutrients and other pollutants travel to streams through both surface and ground water. Natural cover filters and traps this runoff providing clean water, protect fish habitat, and help to produce high quality sources of drinking water for you and your neighbors.

Your property is part of region with high value to water quality. The loss of trees and wetlands in your area will have a larger effect on water quality than other less important regions.

Conserving and renewing soils and soil fertility

Nutrients are circulated in forest ecosystems through a series of physical, chemical, and biological processes. Each year, this nutrient cycle adds about two tons of leaves and organic debris or "litter" to each acre of the forest floor. The resulting organic layer shields the soil and creates an environment that fosters water infiltration and biological activity. Networks of tree and other plant roots hold soil in place reduce erosion.

Regulating climate

Trees, grasses, and soils are critical components to mitigating climate change because they sequester carbon from the air and store it as they grow.

In general, the natural resources on your land are storing 165941.84 tons of carbon every year

Maintaining habitat and biodiversity

Natural cover provides habitats for multitudes of animals and plants. Large expanses of diverse natural areas enhance the areas ability to withstand and bounce back from disasters like tornadoes, pest infestations, and fires.

Protecting areas against storm and flood damage

Tree branches and roots help protect stream banks and soil erosion by reducing stream flow speed during floods. Floodplain forests, wetlands, and marshes can also lessen the effects of flooding by retaining and temporarily storing flood waters and protecting coastlines from storm surge.

Learn About Your Ecosystem Services (continued)

Providing clean drinking water

Approximately, two-thirds of the water that maintains streams and replenishes groundwater comes from forested lands. Forests and other vegetation normally yield water of high quality. Compared with other land uses, natural lands also have more steady supply of water throughout the year. For example, the capacity of forests to absorb and store rainwater runoff can be almost 20 times higher than a parking lot and up to six times higher than a turf lawn.

Your property has a direct connection to your and your neighbors' faucets. Your land is part of a larger watershed that provides drinking water to numerous residents. There are few realistic ways to augment drinking water supplies, so the presence of natural cover like trees on your property is critical to maintaining fresh sources of drinking water.

Protecting spiritual and religious values

Natural areas provide a myriad of benefits that affect quality of life for families and communities. These benefits range from providing pleasant surroundings, spiritual renewal, stress reductions, and amore meaningful connection with neighbors.

Providing opportunities for healthy recreation

Intact natural ecosystems are great places to fish, hunt, camp, hike, canoe or kayak. In addition, they bring direct economic benefits to the local communities surrounding them. People's willingness to pay for local meals and lodging, and to travel, are economic indicators of the value they place on natural areas.