

Virginia Aquatic Resources Trust Fund Activities in 2021





Development Plan (SDP) **Submitted** for review

Final **Approval** of Complete **SDP**

New Project Construction

Project Timeline

Annual Monitoring for up to 10 years

Ecological standards met, credits released

Closure request approved

Shenandoah

River

8-Digit Hydrologic Unit County Boundary

NOTE: Numbers on project descriptions may not match what is shown on the map because projects may fall into multiple activities.

• Other Trust Fund Projects

New Projects - 6

In 2021, VARTF worked on developing 6 new projects. These projects will restore 177 acres of wetlands and upland buffers, 3,298 feet of stream, and exclude livestock from 7,442 feet of stream. These projects will also preserve 578 acres of wetlands and upland buffers and 4,144 feet of stream.



SDP Submitted - 3

VARTF submitted Site Development Plans

for 3 projects in 2021. These projects are

expected to restore 17 acres of wetlands, 189 acres of upland buffers,

and 26.958 feet of stream, and exclude

livestock from 8,965 feet of stream.

Stream restoration wil address the steep, eroding banks at the Adduci project in the Rappahannock basin. (c) Wildlands Engineering

New Project Construction -1

VARTF completed construction on the Reed Island Creek Stream and Wetland Restoration project (NW-3). The project restored and enhanced 4,500 feet of stream, 11 acres of wetlands, and 22 acres of upland buffers. Special care was taken to preserve and expand habitat for the stateendangered bog turtle.



Restored stream channel at the Reed Island project in the New River watershed. (c) Ryley Harris



Upper James

-River♡

Rôanoke River

Rappahannock River

Potomac River

York-River

Chowan River

Middle James River

Atlantic Ocean

Chesapeake

Lower James River

Monitoring - 10

The VARTF monitoring team and contractors monitored 10 sites in 2021, ranging from the Eastern Shore to the southwest tip of Virginia. These sites account for **759 acres** of mitigation activities. Monitoring is essential to ensure the projects are developing as designed and to address any problems that arise.

Level Ponds wetland restoration site on the Eastern Shore. (c) Holly Lafferty/TNC



Credit Release - 3

VARTF released credits from three wetland projects, totaling 76.32 nontidal wetland credits. Credits can only be released if ecological goals are achieved.

Stephens wetland restoration project. (c) TNC

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