Atlantic Ocean Basin

The Atlantic Ocean Basin is comprised of two HUCs (02040303 and 02040304) encompassing the eastern half of Virginia's Eastern Shore whose coastal lagoons and barrier islands are largely unaltered by human impact and are considered the best remaining Atlantic coast wilderness. The basin is located within the Conservancy's Chesapeake Bay Lowlands Ecoregion and has significant acreage protected through local, state, federal and private efforts. Conservation targets include nearshore Atlantic marine fauna, coastal estuarine and lagoon systems, the barrier island systems, migratory shorebirds, waterfowl, land birds and raptors, and breeding barrier island and lagoon birds.

The projects discussed in this section serve as mitigation for permitted impacts within the Atlantic Ocean Basin for which the Program was used as compensatory mitigation. Complete project descriptions for projects approved prior to 2025 may be found in earlier reports as indicated below. A Site Development Plan (SDP) was approved and construction started in 2025 on one project – AO-8, and another project was closed and moved to Long-Term Management – AO-4. Updates are given for each project as applicable.

Table 1: Non-Tidal Wetland Project Summary for the Atlantic Ocean Basin

Project Information		NT Wetland (Ac)			Upland (Ac)		Mitigation Acres	Proposed Credits	Completed Credits[1]	Released Credits	Total Credits	Additional Protected (ac)
Project ID	Status	Rest/Cr	Pres	Enh	Rest	Pres						
AO-4	C-LTM	0.00	19.46	0.00	0.00	32.39	51.85	0.00	0.00	3.57	3.57	43.64
AO-6	C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AO-7	M	17.41	0.00	0.36	6.88	1.91	26.56	0.00	14.50	4.56	19.06	0.00
Sub-totals		**17.41**	**19.46**	**0.36**	**6.88**	**34.30**	**78.41**	**0.00**	**14.50**	**8.13**	**22.63**	**43.64**
Total Acres of Non-Tidal Impacts					**13.45**							
Total Mitigation Liability					**14.22**							
Total Proposed + Completed Credits					**14.50**							
Percent of Wetland Acreage Replacement					**129.44**							
Total Released Credits					**8.13**							

P - Planning / site development review; I - Restoration/Enhancement/Creation activities in progress; C-LTM - Closed and in Long-Term Management
M - Mitigation monitoring; C - Closed
CR - Pending credit release; PC - Pending project closure

[1]Completed Credits are credits that have already been established, but are pending monitoring release or agency approval.

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

Table 2: Tidal Wetland Project Summary for the Atlantic Ocean Basin

Project Information		Tidal Wetland	Buffer	SAV	Oyster	Tidal	Mitigation Acres	Proposed Credits	Completed Credits[1]	Released Credits	Total Credits	Additional Protected (ac)
Project ID	Status	Rest	Rest	Rest	Rest	Enh						
AO-1	C	0.00	0.00	10.00	0.00	0.00	10.00	0.00	0.00	2.00	2.00	0.00
AO-2	C	0.00	0.00	0.00	3.01	0.00	3.01	0.00	0.00	0.60	0.60	0.00
AO-3	C	0.00	0.00	10.00	0.00	0.00	10.00	0.00	0.00	2.00	2.00	0.00
AO-8	I	6.00	0.16	0.00	0.00	0.00	7.86	6.45	0.00	0.00	0.00	0.00
Sub-totals		**6.00**	**0.16**	**20.00**	**3.01**	**0.00**	**30.87**	**6.45**	**0.00**	**4.60**	**4.60**	**0.00**
Total Acres of Tidal Impacts						**2.79**						
Total Mitigation Liability						**2.48**						
Total Proposed + Completed Credits						**6.45**						
***Percent of Wetland Acreage Replacement**						**260.14**						
Total Released Credits						**4.60**						

P - Planning / site development review; I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring; C - Closed
CR - Pending credit release; PC - Pending project closure

*It should be noted that the restoration in this basin is "out of kind" and is credited at a 5:1 ratio

[1]Completed Credits are credits that have already been established, but are pending monitoring release or agency approval.

The stream table below describes all stream activity that does not generate credits including pre-USM activity.

Table 3: Stream Activity Summary for the Atlantic Ocean Basin

Project ID	Project Status	Stream Mitigation Area (ac)	Channel Length in Mitigation Area (lf)	Mitigation Activity Description	Additional Protected (ac)
AO-4*	C-LTM	0	4,966	Riparian Buffer preservation along 4,966 lf of Cobb Mill Creek and tributaries.	Reported under the wetlands summary
	Totals	**0**	**4,966**		**0**
Total Impacts (lf)		0		*Project includes wetland mitigation	
P - Planning / site development review M - Mitigation monitoring CR - Pending credit release PC - Pending project closure				I - Restoration/Enhancement/Creation activities in progress C - Closed C-LTM - Closed and in Long-Term Management	
Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).					

AO-1 Virginia Coast Reserve (SAV Beds)

This project was officially closed in 2018. Please reference the 2007 and 2017 Annual Reports for additional details on this project.

AO-2 Virginia Coast Reserve (Oyster Beds)

The project was officially closed in 2011. Please reference the 2007 Annual Report for additional details on this project.

AO-3 Virginia Coast Reserve (SAV Beds II)

This project was officially closed in 2018. Please reference the 2008 and 2017 Annual Reports for additional details on this project.

AO-4 Oyster (Cubberly)

The purpose of this mitigation site is to provide wetland, stream, and upland buffer preservation on approximately 53 acres of private land placed under deed restriction by the Conservancy. The site is located along Cobb Mill Creek near Oyster Harbor in Northampton County, Virginia. The mitigation site includes 19.5 acres of forested wetlands along Cobb Mill Creek, 32.4 acres of upland buffer, and 4,966 linear feet of frontage along Cobb Mill Creek and an unnamed tributary to Cobb Mill Creek near Oyster Slip within the barrier island lagoon system. The project is proceeding under the guidance of the Initial Evaluation Letter (IEL) provided by the Corps on August 8, 2012. A wetland delineation of the site was confirmed in 2016. The Conservancy submitted the SDP in July 2019, and the final SDP was signed in June 2023. The final funding plan for the site was approved in 2022. The IRT directed the Conservancy to proceed with monitoring while the SDP was under review. Year 4 monitoring of the project occurred in 2023. The project generated 3.57 non-tidal wetland credits, which were approved for release in October 2024. The Conservancy submitted a request for release from monitoring in December 2024, which was approved in April 2025. A request to close the project and transfer to long-term management was submitted in July 2025 and approved in September 2025. Additional information regarding this mitigation site may be

found in the site cyber repository on RIBITS.

AO-6 Phillips Creek
This project did not move forward and was officially closed in 2019.

AO-7 Willis Wharf (Custis)
The purpose of this mitigation site is to provide 18.85 non-tidal wetland credits generated on 26 acres in Northampton County, VA. The site drains to Machipongo Creek which discharges to the Atlantic Ocean. The project proposes 17.18 acres of non-tidal wetland restoration, 0.36 acres of wetland enhancement, 7.52 acres of upland buffer restoration, and 1.51 acres of upland buffer preservation. The property is situated on a mineral soil flat that has been actively drained for decades. It was in agricultural production, with limited productivity. Restoration activities included ditch plugging, minor grading, berm construction, and planting of native trees.

This project is being managed through a full delivery contract. All aspects of the project through the monitoring and delivery of credits will be handled under this contract. An Initial Evaluation Letter was received on June 4, 2020, to proceed with design development. The SDP was approved on September 7, 2022, and construction began in October 2022. The final budget was approved on November 29, 2022. Construction was completed in spring 2023. An as-built report was submitted in June 2024, and a request for the release of 4.56 non-tidal wetland credits associated with construction was submitted and approved in 2024. Supplemental planting to address low densities documented during Year 1 monitoring in 2024 occurred in February 2025. Year 2 monitoring was completed in the growing season of 2025. Due to insufficient monitoring data collected, a credit release request was not included in the Year 2 monitoring report. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

AO-8 Machipongo River (RES aka Willowdale)
This 8.1-acre mitigation site is located in Accomack County and is situated on a tributary of the Machipongo River which drains to the Atlantic Ocean. The purpose of this project is to provide 4.48 acres of restored tidal wetland and 3.35 acres of restored upland buffer. The project is expected to produce a total of 5.28 tidal wetland credits. The site is situated along the edge of a large mineral soil flat and consists of two actively farmed agricultural fields that are bisected by an existing unnamed tidal creek and its associated marshes. This project aims to excavate the fields down to tidal wetland elevations and plant them with native tidal vegetation.

This mitigation project is being managed through a full delivery contract. All aspects of the project through the monitoring and delivery of credits will be handled under this contract. The project was proposed on August 24, 2022, with an Initial Evaluation Letter issued on November 4, 2022. An initial budget was submitted on September 27, 2022 and approved on December 20, 2022. Phase 1 historical surveys were completed and initial development activities were completed in 2023 and 2024. The SDP was approved in August 2025 with a total potential of 6 tidal restoration credits and 0.16 upland buffer restoration credits.
The full project budget was approved in August 2025, the protection instrument was recorded in November 2025, and construction was initiated in November 2025. Construction

completion is expected in spring of 2026 with Year 1 monitoring to follow in 2026. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

Big Sandy River Basin

The Big Sandy River Basin is comprised of two HUCs (0507202 and 0507201) that flow northwest out of the Appalachian Mountains of Southwestern Virginia into Kentucky and West Virginia. This basin is within the Conservancy's Cumberland and Southern Ridge and Valley and Central Appalachian Ecoregions.

The projects discussed in this section serve as mitigation for permitted impacts within the Big Sandy River Basin for which the Program was used as compensatory mitigation. Impacts from the Big Sandy River were received into the Program historically, but since 2008, the Program no longer accepts funds related to, or as compensation for, impacts in the Big Sandy River watershed. Complete project descriptions for all approved projects may be found in earlier reports as indicated below. There is no new activity within this basin.

Table 4: Non-Tidal Wetland Project Summary for the Big Sandy River Basin

Project Information		NT Wetland (Ac)			Upland (Ac)		Mitigation Acres	Proposed Credits	Completed Credits[1]	Released Credits	Total Credits	Additional Protected (ac)
Project ID	Status	Rest/Cr	Pres	Enh	Rest	Pres						
BS-2*	C	0.15	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.15	0.15	0.00
Sub-totals		**0.15**	**0.00**	**0.00**	**0.00**	**0.00**	**0.15**	**0.00**	**0.00**	**0.15**	**0.15**	**0.00**

Total Acres of Non-Tidal Impacts	**0.11**
Total Mitigation Liability	**0.15**
Total Proposed + Completed Credits	**0.00**
Percent of Wetland Acreage Replacement	**141.67**
Total Released Credits	**0.15**

*Project includes stream or tidal wetland mitigation

P - Planning / site development review — I - Restoration/Enhancement/Creation activities in progress

M - Mitigation monitoring — C - Closed

CR - Pending credit release — PC - Pending project closure

[1]Completed Credits are credits that have already been established, but are pending monitoring release or agency approval.

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

Table 5: USM Stream Summary for the Big Sandy River Basin

Project Information		Stream Activity (lf)			Upland Buffer (ac)		Mitigation (ac)	Proposed Credits	Completed Credits[1]	Released Credits	Total Credits	Additional Protected (ac)
Project ID	Status	Rest/Enh	Pres	Livestock	Rest	Pres						
BS-2*	C	1,293	0	0	0.00	0.00	0.00	0	0	1,293	1,293	0.00
Totals		**1,293**	**0**	**0**	**0.00**	**0.00**	**0.00**	**0**	**0**	**1,293**	**1,293**	**0.00**

Total Compensation Required	**1,293**
Total Proposed + Completed Credits	**0**
Total Released Credits	**1,293**

*Project includes wetland mitigation

P - Planning / site development review — I - Restoration/Enhancement/Creation activities in progress

M - Mitigation monitoring — C - Closed

CR - Pending credit release — PC - Pending project closure

[1]Completed Credits are credits that have already been established, but are pending monitoring release or agency approval.

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

BS-2 Big Sandy Mitigation Bank Credit Purchase

The project was officially closed in 2020. Please reference the 2020 Annual Report for additional details on this project.

Chesapeake Bay Basin

The Chesapeake Bay Basin is comprised of five HUCs (02080101, 02080102, 02080108, 02080110, and 02080111) that surround one of the largest and most productive bay ecosystems on the east coast of the United States. The basin is located within the Conservancy's Chesapeake Bay Lowlands Ecoregion, and is the focal area of several conservation groups, including the Chesapeake Bay Foundation and the Alliance for the Chesapeake Bay, as well as efforts of federal, state, and local governments. Conservation targets include migratory waterfowl, high-energy beaches, and bayside estuarine systems.

The projects discussed in this section serve as mitigation for permitted impacts within the Chesapeake Bay Basin for which the Program was used as compensatory mitigation. Complete descriptions of projects approved prior to 2025 may be found in earlier reports as indicated below. Updates are given for each project as applicable.

Table 6: Non-Tidal Wetland Project Summary for the Chesapeake Bay Basin

Project Information		NT Wetland (Ac)			Upland (Ac)		Mitigation	Proposed	Completed	Released	Total	Additional
Project ID	Status	Rest/Cr	Pres	Enh	Rest	Pres	Acres	Credits	Credits[1]	Credits	Credits	Protected (ac)
CB-1*	C	37.73	27.69	0.00	0.14	0.63	66.19	0.00	0.00	40.54	40.54	0.00
CB-2*	C	0.00	11.18	0.00	0.00	2.79	13.97	0.00	0.00	1.26	1.26	0.00
CB-3*	C	0.00	59.53	0.00	0.00	0.00	59.53	0.00	0.00	5.95	5.95	47.45
CB-4*	C	0.00	2.64	0.00	0.00	0.00	2.64	0.00	0.00	0.26	0.26	33.81
CB-6*	C	0.00	37.14	0.00	0.00	16.18	53.32	0.00	0.00	4.52	4.52	0.00
CB-7	C	0.00	3.49	0.00	0.00	0.21	3.70	0.00	0.00	0.36	0.36	0.00
CB-8/ YK-4*	CR	0.00	504.5	0.00	0.00	111.98	616.48	0.00	56.05	0.00	56.05	42.00
CB-10	C	9.81	5.47	0.00	6.16	17.87	39.31	0.00	0.00	12.45	12.45	0.77
CB-11*	C	0.00	32.47	0.00	0.00	7.76	41.63	0.00	0.00	3.64	3.64	5.47
CB-13*	C	0.00	93.00	0.00	0.00	35.00	128.00	0.00	0.00	11.05	11.05	158.00
CB-16*	C	0.00	0.59	0.00	0.00	1.16	1.75	0.00	0.00	0.12	0.12	42.73
CB-17*	M	4.41	94.75	0.00	0.00	28.95	128.11	0.00	3.31	12.77	16.08	52.88
CB-19*	M	1.37	110.42	0.81	7.01	39.86	159.47	0.00	0.00	15.14	15.14	18.92
CB-21*	C	16.84	2.44	0.00	0.00	28.75	48.03	0.00	0.00	18.52	18.52	0.39
CB-22*	PC	0.00	4.81	0.00	0.00	15.48	20.29	0.00	0.00	1.31	1.31	173.64
Sub-totals		**70.16**	**990.12**	**0.81**	**13.31**	**306.62**	**1382.42**	**0.00**	**59.36**	**127.89**	**187.25**	**576.06**

Total Acres of Non-Tidal Impacts	**84.59**
Total Mitigation Liability	**146.67**
Total Proposed + Completed Credits	**59.36**
Percent of Wetland Acreage Replacement	**82.94**
Total Released Credits	**127.89**

*Project includes stream or tidal wetland mitigation

P - Planning / site development review
I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring
C - Closed
CR - Pending credit release
PC - Pending project closure

[1]Completed Credits are credits that have already been established, but are pending monitoring release or agency approval.

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

Table 7: Tidal Wetland Project Summary for the Chesapeake Bay Basin

Project Information		Tidal	Tidal	Tidal	Upland Buffer	Mitigation	Proposed	Completed	Released	Total	Additional
Project ID	Status	Rest	Enh	Pres	Pres	Acres	Credits	Credits[1]	Credits	Credits	Protected (ac)
CB-1*	PC	0.17	0.00	16.97	0.00	17.14	0.00	0.00	1.86	1.86	0.00
CB-2*	C	0.00	0.00	30.77	0.00	30.77	0.00	0.00	3.08	3.08	0.00
CB-5/CH-12	C	0.00	70.00	0.00	0.00	70.00	0.00	0.00	1.40	1.40	0.00
CB-8/YK-4*	CR	0.00	0.00	0.98	0.00	0.98	0.00	0.10	0.00	0.10	Reported under the wetlands summary
CB-13*	C	0.00	0.00	33.00	21.00	54	0.00	0.00	4.35	4.35	Reported under the wetlands summary
CB-16*	C	0.00	0.00	3.52	0.00	3.52	0.00	0.00	0.37	0.37	Reported under the wetlands summary
CB-17*	M	4.26	4.67	33.11	0.00	42.04	0.00	5.81	3.77	9.58	0.00
CB-22*	PC	0.00	0.00	3.07	0.00	3.07	0.00	0.00	0.33	0.33	Reported under the wetlands summary
Sub-totals		**4.43**	**74.67**	**121.42**	**21.00**	**167.52**	**0.00**	**5.91**	**15.16**	**21.07**	**0.00**

Total Acres of Tidal Impacts	**6.32**
Total Mitigation Liability	**6.00**
Total Proposed + Completed Credits	**5.91**
Percent of Wetland Acreage Replacement	**70.1**
Total Released Credits	**15.16**

*Project includes stream or non-tidal wetland mitigation

P - Planning / site development review
I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring
C - Closed
CR - Pending credit release
PC - Pending project closure

[1]Completed Credits are credits that have already been established, but are pending monitoring release or agency approval.

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

The stream table below describes all stream activity that does not generate credits including pre-USM activity.

Table 8: Stream Activity Summary for the Chesapeake Bay Basin

Project ID	Project Status	Stream Mitigation Area (ac)	Channel Length in Mitigation Area (lf)	Mitigation Activity Description	Additional Protected (ac)
CB-3*	C	24.24	6,613	Riparian buffer preservation of 6,613 lf along the right bank of Dragon Run with an existing mature wooded buffer extending 100 to 225 feet from the edge of the protected stream and wetland complex.	Reported under the wetlands summary
CB-4*	C	5.55	2,205	Riparian buffer preservation of 2,205 lf along the right bank of Timber Branch Swamp with an existing mature wooded buffer extending 100 feet from the edge of the protected stream and wetland complex.	Reported under the wetlands summary
CB-6*	C	7.12	1,550	Riparian buffer preservation of 1,550 lf along the right bank of Dragon Run with an existing mature wooded buffer extending 200 feet from the edge of the protected stream and wetland complex.	0.00
CB-8/YK-4*	CR	0.00	13,975	Riparian buffer preservation along un-named tributaries.	Reported under the wetlands summary
CB-11*	C	1.4	1,889	Riparian buffer preservation of 1,889 lf along the right bank of Dragon Run with an existing mature wooded buffer extending 200 feet from the edge of the protected stream and wetland complex.	Reported under the wetlands summary
CB-19*	M	0	333	Riparian buffer preservation along un-named tributary existing as wetlands.	Reported under the wetlands summary
CB-21*	M	0.00	1,322	Riparian buffer preservation along un-named tributary existing as wetlands.	Reported under the wetlands summary
CB-22*	PC	0.00	5,764	Riparian buffer preservation along Westerhouse Creek and tributaries with existing buffer extending 200 feet from stream or existing as wetlands.	Reported under the wetlands summary
	Totals	**38.31**	**33,651**		**0.00**
Total Impacts (lf)		**1,399**		*Project includes wetland mitigation	
P - Planning / site development review				I - Restoration/Enhancement/Creation activities in progress	
M - Mitigation monitoring				C - Closed	
CR - Pending credit release				PC - Pending project closure	
Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).					

CB-1 Dameron Marsh (Smith 1)

The project was officially closed in 2022. Please reference the 2022 Annual Report for details on this project.

CB-2 New Point Comfort (Trimmer)

The project was officially closed in 2009. Please reference the 2009 Annual Report for

details on this project.

CB-3 Dragon Run (Calhoun 1; Piedmont Farms)
This project was officially closed in 2008. Please reference the 2008 Annual Report for details on this project.

CB-4 Dragon Run (Byrd)
This project was officially closed in 2009. Please reference the 2008 Annual Report for details on this project.

CB-5/CH-12 Eastern Virginia Phragmites Control
This project was officially closed in 2007. Please reference the 2007 Annual Report for details on this project.

CB-6 Dragon Run (Calhoun 2; Piedmont Farms)
This project was officially closed in 2008. Please reference the 2008 Annual Report for details on this project.

CB-7 Dragon Run (Calhoun 3; Piedmont Farms)
This project was officially closed in 2008. Please reference the 2008 Annual Report for details on this project.

CB-8/YK-4 Upper Crab Neck (BP America)
The purpose of this project is to conduct non-tidal wetland and upland buffer preservation at the Upper Crab Neck (BP America) site in York County. The funding for this project was approved by the Corps on April 21, 2005, and on February 22, 2007. The property was donated to the Conservancy by BP America on May 11, 2006. The Conservancy plans to transfer this site to the Virginia Department of Wildlife Resources (DWR) subject to Corps approval of the deed restriction. No additional monitoring is required for this project.

A delineation of surface waters and wetlands was confirmed by the Corps in April 2002 and the mapping from this delineation was used to estimate wetland and upland acres in Chesapeake Bay Basin and York River Basin using GIS. An updated delineation was confirmed by the Corps in 2016. The project is expected to generate 56.05 non-tidal wetland and 0.10 tidal wetland credits. No credits have been released from the project to date. A credit release request was submitted on September 22, 2021, and is pending IRT approval which is contingent on the finalization of land protection. Also submitted with the credit request was a credit schedule and a geographic service area request, both of which were approved on November 9, 2022. The Conservancy will request official closure of the project once the protection is finalized, and credits are released. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

CB-9 Guinea Neck Site
This project was officially closed in 2007. Please reference the 2007 Annual Report for details on this project.

CB-10 East River (Brooks/Ober)
This project was officially closed in 2020. Please reference the 2020 Annual Report for details on this project.

CB-11 Dragon Run (Friends of Dragon Run)
This project was officially closed in 2020. Please reference the 2020 Annual Report for details on this project.

CB-12 Guilford Shores Site
This project was officially closed in 2008. Please reference the 2008 Annual Report for details on this project.

CB-13 Dameron Marsh/Hughlett Point/Fleet Bay (Thompson et al.)
This project was officially closed in 2009. Please reference the 2009 Annual Report for details on this project.

CB-14 York Complex (Harris Creek Site)
This project was officially closed in 2008. Please reference the 2008 Annual Report for details on this project.

CB-15 Dragon Run Site
This project was officially closed in 2016. Please reference the 2016 Annual Report for details on this project.

CB-16 Jacobus Creek (Hampton)
This project was officially closed in 2023. Please reference the 2023 Annual Report for details on this project.

CB-17 Dameron Marsh/Hughlett Point/Fleet Bay (William Thompson)
The purpose of this project is to provide non-tidal and tidal wetland restoration, tidal and non-tidal preservation, and upland buffer preservation of this 223-acre site in Northumberland County, Virginia. On November 2, 2008, the Corps approved funding for the restoration and preservation of the site. The long-term protection of the site was accomplished through the recordation of a conservation easement held by the Conservancy on December 23, 2008. Long-term protection will be achieved through the monitoring and enforcement of the easement by the Conservancy. Through partnership with the Conservancy, the property was purchased by the Northern Neck Land Conservancy in 2020.

A site development plan was submitted to the IRT for review and approval in 2015. Due to the increased need for tidal credits within this basin, the wetland mitigation plan was redesigned in 2016 to include a larger tidal wetland component. After several iterations of the draft SDP, the Conservancy submitted a revised SDP in August 2020. Comments from the IRT were received and additional design changes occurred to the plan set. The SDP was signed in June 2023, and construction was completed in late summer 2023. The project is expected to generate 16.07 non-tidal wetland and 9.58 tidal wetland credits. In 2023, 11.7 non-tidal wetland credits and 3.77 tidal wetland credits were released. Following approval of the as-built report, TNC submitted a credit release request for non-tidal and tidal wetlands. The

request for non-tidal wetlands was approved, and 1.07 credits were released in August 2024. Year 2 NTW monitoring occurred in 2025. An SDP modification to address tidal wetland monitoring is expected to be submitted in early 2026. Supplemental planting is scheduled for early 2026 to meet woody stem density in the NTW restoration area. Invasive species management is ongoing and will continue to ensure site success. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

CB-18 Dragon Run Site #2
This project was officially closed in 2016. Please reference the 2016 Annual Report for details on this project.

CB-19 Dragon Run (Carlson)
This 176.5-acre property is located along Dragon Run in Gloucester County and King and Queen County, Virginia. The purpose of this project is to provide 2.18 acres of non-tidal wetland restoration and enhancement, 110.4 acres of non-tidal wetland restoration, 7 acres of upland restoration, 40 acres of buffer preservation, and stream preservation. On May 18, 2009, the Corps approved funding for the restoration and preservation of the site. The Conservancy purchased the property in July 2009.

Construction occurred in fall 2014 and planting in winter 2015. Invasive species management is ongoing and will continue to ensure site success. Monitoring and reporting occurred in 2015, 2016, 2017, 2019, 2021, and 2024. A credit request, an INU management plan, and a Geographic Service Area request were all approved on May 26, 2022. Year 10 monitoring was conducted in 2024 and submitted in early spring 2025. A total of 0.35 credits were released with the approval of the Year 10 monitoring report in July 2025. All 15.14 credits have now been released from the project. The Conservancy anticipates submitting a project closure request in 2026. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

CB-20 Dragon Run Site #3
This project was officially closed in 2016. Please reference the 2016 Annual Report for details on this project.

CB-21 Deep Creek (Level Ponds)
This project was officially closed in 2023. Please reference the 2023 Annual Report for details on this project.

CB-22 Church Neck (Oliver)
The purpose of this mitigation site is to provide non-tidal and tidal wetland, stream and riparian area preservation on approximately 197 acres of private land which has been placed under conservation easement with the Conservancy. The mitigation site includes 5,764 linear feet of tidal creeks adjacent to the Chesapeake Bay and nearly 8 acres of tidal and non-tidal wetlands and 15 acres of upland buffer along Westerhouse Creek, which is part of the Chesapeake Bay Drainage. A project approval letter and initial budget approval letter were provided by the Corps on December 10, 2012. The final budget was approved on December 20, 2022. A wetland delineation was confirmed by the Corps in July 2016. Revisions to the site development plan were submitted in June 2022 and the SDP was signed on December

2, 2022. The IRT directed the Conservancy to proceed with monitoring while the SDP was under review. Therefore, the Year 4 monitoring of the project occurred in 2023. A credit request for the project was approved on December 13, 2022, for a release of 1.31 non-tidal wetland credits and 0.33 tidal wetland credits, which is the entirety of the project's credits. The Conservancy submitted a request for release from monitoring in December 2024, which was approved in March 2025. A request for closure and transfer to long-term management was submitted in July 2025, which is pending IRT approval. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

Chowan River Basin

The Chowan River Basin is comprised of five HUCs (03010201, 03010202, 03010203, 03010204, and 03010205) located in southeastern Virginia extending into northeastern North Carolina. It encompasses the northernmost portion of the Albemarle-Pamlico drainage and is among the best developed embayed wetland environments of the outer Mid-Atlantic Coastal Plain Ecoregion estuary and includes much of the original extent of the Great Dismal Swamp. Conservation targets include blackwater swamp aquatic system, riverine and basin swamp forest, brownwater tributaries and rivers, Atlantic white cedar swamp, bottomland hardwood forest, Roanoke logperch, Atlantic pigtoe, red-cockaded woodpecker, and seepage wetlands.

The projects discussed in this section serve as mitigation for permitted impacts within the Chowan River Basin for which the Program was used as compensatory mitigation. Complete project descriptions for projects approved prior to 2025 may be found in earlier reports as indicated below. Updates are given for each project as applicable. Due to historical hydrology modifications, one of the non-tidal projects (CH-9/LJ-4) mitigates for impacts within both the Lower James River Basin and the Chowan River Basin. The total funds authorized by the Corps and crediting value for this project have been appropriately divided between the two basins.

Table 9: Non-Tidal Wetland Project Summary for the Chowan River Basin

Project Information		NT Wetland (Ac)			Upland (Ac)		Mitigation Acres	Proposed Credits	Completed Credits	Released Credits	Total Credits	Additional Protected (ac)
Project ID	Status	Rest/Cr	Pres	Enh	Rest	Pres						
CH-1*	PC	0.00	92.87	0.00	0.00	21.24	114.11	0.00	0.00	8.80	8.80	0.00
CH-2	C	0.00	51.80	0.00	0.00	2.40	54.20	0.00	0.00	5.30	5.30	0.00
CH-3	C	2.66	0.00	0.00	7.60	0.00	10.26	0.00	0.00	3.17	3.17	0.00
CH-4	C	0.00	9.45	0.00	0.00	3.75	13.20	0.00	0.00	1.13	1.13	0.00
CH-5	C	12.00	706.00	0.00	0.00	6.00	724.00	0.00	0.00	82.75	82.75	11.00
CH-6	C	19.44	7.52	0.00	1.39	2.62	30.97	0.00	0.00	20.42	20.42	0.00
CH-7	CR	16.51	0.00	0.00	2.54	0.00	19.05	0.00	10.74	5.94	16.68	0.00
CH-8	CR	50.40	79.70	0.00	2.00	0.70	132.80	0.00	58.54	0.00	58.54	0.00
CH-9/ LJ-4	C	70.70	114.90	0.00	0.00	0.00	185.60	0.00	0.00	82.19	82.19	0.00
CH-10	C	27.50	118.76	0.00	0.00	26.18	172.44	0.00	0.00	40.69	40.69	0.00
CH-11	CR	21.70	0.00	0.00	1.85	0.00	23.55	0.00	0.00	8.36	8.36	0.00
CH-13	C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	150.00
CH-15*	C	0.00	31.58	0.00	0.00	0.56	32.14	0.00	0.00	3.35	3.35	0.00
CH-20	P	25	47	0	33	56	161	37.07	0	0	37.07	139
Sub-totals		**245.91**	**1259.58**	**0.00**	**48.38**	**119.45**	**1512.32**	**37.07**	**69.28**	**262.10**	**368.45**	**300.00**

Total Acres of Non-Tidal Impacts	**66.73**
Total Mitigation Liability	**110.71**
Total Proposed Credits	**37.07**
Percent of Wetland Acreage Replacement	**368.5**
Total Released Credits	**262.10**

*Project includes stream or tidal wetland mitigation

P - Planning / site development review
I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring
C - Closed
CR - Pending credit release
PC - Pending project closure

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

Table 10: Tidal Wetland Project Summary for the Chowan River Basin

Project Information		Tidal Wetland	Tidal	Tidal	Upland Buffer	Mitigation	Proposed	Completed	Released	Total	Additional
Project ID	Status	Rest	Enh	Pres	Pres	Acres	Credits	Credits	Credits	Credits	Protected (ac)
CH-1*	PC	0.00	0.00	4.64	0.00	4.64	0.00	0.00	0.39	0.39	0.00
CB-5/CH-12	C	0.00	70.00	0.00	0.00	70.00	0.00	0.00	1.40	1.40	0.00
Sub-totals		**0.00**	**70.00**	**4.64**	**0.00**	**74.64**	**0.00**	**0.00**	**1.79**	**1.79**	**0.00**

Total Acres of Tidal Impacts	**0.08**
Total Mitigation Liability	**0.08**
Total Proposed Credits	**0.00**
Percent of Wetland Acreage Replacement	**0**
Total Released Credits	**1.79**

*Project includes stream or non-tidal wetland mitigation

P - Planning / site development review
I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring
C - Closed
CR - Pending credit release
PC - Pending project closure

The stream table below describes all stream activity that does not generate credits including pre-USM activity.

Table 11: Stream Activity Summary for the Chowan River Basin

Project ID	Project Status	Stream Mitigation Area (ac)	Channel Length in Mitigation Area (lf)	Mitigation Activity Description	Additional Protected (ac)
CH-15*	C	22.27	4,932	Riparian buffer preservation along 4,932 lf of the Blackwater River and tributaries, preserved as existing wetlands	0
	Totals	**22.27**	**4,932**		0
Total Impacts (lf)		**911**		*Project includes wetland mitigation	

P - Planning / site development review
I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring
C - Closed
CR - Pending credit release
PC - Pending project closure

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

Table 12: USM Stream Project Summary for the Chowan River Basin

Project Information		Stream	Stream Activity (lf)			Buffer Activity (ac)		Mitigation	Proposed	Completed	Released	Total	Additional
Project ID	Status	Length (lf)	Rest/Enh	Pres	Livestock Exclusion	Rest	Pres	(ac)	Credits	Credits	Credits	Credits	Protected (ac)
CH-1*	PC	6,119	0	6,119	0	0.00	32.20	32.20	0	0	673	673	0.00
CH-17	C	0	0	0	0	0.00	0.00	0.00	0	0	0	0	0.00
CH-19	C	1,335	1,335	0	0	0.00	0.00	0.00	0	0	1,335	1,335	0.00
CH-20*	P	2,020	2,020	0	0	13.00	4.00	17.00	3,371	0	0	3,371	0.00
Sub-Totals		**9,474**	**3,355**	**6,119**	**0**	**13.00**	**36.20**	**49.20**	**3,371**	**0**	**2,008**	**5,379**	**0.00**
Total Impacts					**4,660**								
Total Compensation Required					**3,421**								
Total Proposed Credits					**3,371**								
Total Released Credits					**2,008**	*Project includes wetland mitigation							
P - Planning / site development review					I - Restoration/Enhancement/Creation activities in progress								
M - Mitigation monitoring					C - Closed								
CR - Pending credit release					PC - Pending project closure								
Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).													
*Project includes wetland mitigation													

CH-1 Northwest River (Kellam Riganto)

The purpose of this project is to conduct non-tidal wetland and upland buffer preservation at the Northwest River (Kellam Riganto) property in the City of Chesapeake. The funding for this project was approved by the Corps on December 20, 1995. Subsequent funding was approved on August 28, 2008.

The site was purchased by the Conservancy on December 22, 1995. An assessment-level wetland delineation of the site was submitted to the Corps and all credits were released in 2013. The project generated 11.48 non-tidal wetland and 0.39 tidal wetland credits. On June 28, 2022, the IRT approved the revisions to the geographic service area to comply with changes to Virginia Code. A credit conversion request was approved on December 19, 2022, which converted non-tidal wetland credits to USM credits, and thereby released 673 USM credits and debited 2.68 non-tidal wetland credits. The Conservancy submitted a Site Management Plan (land protection document) and a request to close the project in August 2025 which are pending approval from the IRT. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

CH-2 North Landing River (Onesimus Ministries)

This project was officially closed in 2007. Please reference the 2007 Annual Report for details on this project.

CH-3 Dismal Swamp (Bruff)

The project was officially closed in 2009. Please reference the 2009 Annual Report for details on this project.

CH-4 North Landing River (Mayo)

This project was officially closed in 2007. Please reference the 2007 Annual Report for details on this project.

CH-5 Northwest River (Benefits)

The project was officially closed in 2009. Please reference the 2009 Annual Report for details on this project.

CH-6 Northwest River (Hall)
The project was officially closed in 2022. Please reference the 2022 Annual Report for details on this project.

CH-7 Nawney Creek (Knight)
The purpose of this project is to conduct non-tidal wetland and upland buffer restoration at the Nawney Creek (Knight) property in Virginia Beach. The funding for this project was approved by the Corps on May 23, 2000. The site was purchased by the Conservancy on September 27, 2000.

Monitoring was completed in 2003, 2004, 2005, 2007, 2008, 2010, and 2013. Additional supplemental hydrology monitoring was conducted from 2014 to 2019. A final delineation was confirmed by the Corps in June 2016. The project is expected to generate 16.68 non-tidal wetland credits, and 5.94 credits have been released to date. On June 28, 2022, the IRT approved the revisions to the geographic service area for this project to comply with changes to Virginia Code. The Conservancy plans to submit a Site Management Plan (land protection document), final credit release request, and project closure request in 2026. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

CH-8 Northwest River (Su)
The purpose of this project is to conduct non-tidal wetland restoration and upland buffer restoration and non-tidal wetland and upland buffer preservation at the Northwest River (Su) property in southern Chesapeake. The funding for this project was approved by the Corps on March 16, 2001. Additional funding for this project was approved on February 8, 2008. The site was purchased by the Conservancy on April 28, 2000. Two adjacent properties (projects CH-5 and CH-6) were acquired in earlier purchases, together representing significant wetland restoration and preservation acres.

Mitigation monitoring was conducted from 2002 to 2011. 2011 represented the tenth year of mitigation monitoring for this project. The Conservancy conducted a comprehensive wetland delineation of the site to determine mitigation credits; this was confirmed by the Corps in June 2012. The Conservancy conducted additional hydrology monitoring in 2012 through 2016 to gather additional data to support credit release. The project is expected to generate 58.54 non-tidal wetland credits. No credits have been released to date; however, the Conservancy submitted a request for credit release in 2017 and the request is pending IRT approval which is contingent on the finalization of land protection. On June 28, 2022, the IRT approved the revisions to the geographic service area to comply with changes to Virginia Code. The Conservancy plans to submit a Site Management Plan (land protection document), final credit release request, and project closure request in 2026. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

CH-9/LJ-4 Northwest River (Stephens)
This project was officially closed in 2023. Please reference the 2023 Annual Report for details on this project.

CH-10 Northwest River (Powers)
This project was officially closed in 2023. Please reference the 2023 Annual Report for details on this project.

CH-11 Nawney Creek (Fentress)
The purpose of this project is to conduct non-tidal wetland and upland buffer restoration at the Nawney Creek (Fentress) property in Virginia Beach. The funding for this project was approved by the Corps on December 19, 2003. The site was purchased by the Conservancy on December 13, 2003.

The tenth and final year of monitoring was conducted in 2013. A final delineation was conducted in the summer of 2015 and confirmed by the Corps in June 2016. The project is expected to generate 21.82 non-tidal wetland credits of which 8.36 credits have been released to date. On June 28, 2022, the IRT approved the revisions to the geographic service area to comply with changes to Virginia Code. The Conservancy plans to submit a Site Management Plan (land protection document), final credit release request, and project closure request in 2026. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

CB-5/CH-12 Eastern Virginia Phragmites Control
A summary of the project details is included under the Chesapeake Bay Basin.

CH-13 Northwest River (SP Forests LLC)
This project was officially closed in 2016. Please reference the 2016 Annual Report for details on this project.

CH-14 Raccoon Creek Pinelands Site
This project was officially closed in 2009. Please reference the 2009 Annual Report for details on this project.

CH-15 Blackwater River (Owen)
This project was officially closed in 2023. Please reference the 2023 Annual Report for details on this project.

CH-16 Nottoway River Site
This project was officially closed in 2016. Please reference the 2016 Annual Report for details on this project.

CH-17 Piney Grove Preserve
This project was officially closed in 2018. Please reference the 2012 and 2017 Annual Reports for details on this project.

CH-18 Nottoway River Site
This project did not move forward. Please reference the 2022 Annual Report for details on this project.

CH-19 Cheroenhaka Mitigation Bank Credit Purchase
This project was officially closed in 2022. Please reference the 2022 Annual Report for details on this project.

CH-20 Nottoway River (Howell)
The purpose of this project is to conduct wetland and upland buffer restoration, stream restoration and enhancement, and preservation on a 161-acre mitigation site along an unnamed tributary to the Nottoway River in Southampton County. The Nature Conservancy submitted a proposal in 2024 and received an Initial Evaluation Letter (IEL) in October 2024 . IRT comments were addressed in 2025 and a second IEL was received in May 2025 with full approval for development of the SDP and approval of the initial site budget. The Conservancy began the SDP development in 2025 with efforts focused on selection of a design firm. Given the 2025 guidance on timber management restoration from USACE and DEQ, additional restoration within the managed pine habitats may be pursued; therefore, potential credit estimates may change from current proposed amounts. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

Lower James River Basin

The Lower James River Basin is comprised of two HUCs (02080206 and 02080208) encompassing the portion of the James River from Richmond east to Norfolk. This basin is located within both the Conservancy's Mid-Atlantic Coastal Plain and the Chesapeake Bay Lowlands Ecoregions and is the focal area of several conservation groups, including the James River Association and the Chesapeake Bay Foundation, as well as efforts of federal, state and local governments. Conservation targets include tidal freshwater and brackish marshes, Chesapeake Bay lowlands estuarine and stream systems, waterfowl and colonial nesting waterbirds, blue crabs, and spawning habitat for striped bass, shad, herring, and yellow perch.

The projects discussed in this section serve as mitigation for permitted impacts within the Lower James River Basin for which the Program was used as compensatory mitigation. Complete project descriptions for projects approved prior to 2025 may be found in earlier reports as indicated below. Updates are given for each project as applicable. One project was closed and transferred to Long-Term Management – LJ-11, and the property acquisition of one new proposed project was finalized – LJ-17/MJ-14. Due to historical hydrology modifications, one of the non-tidal projects (CH-9/LJ-4) mitigates for impacts within both the Lower James River Basin and the Chowan River Basin. The total funds authorized by the Corps and crediting value for this project have been appropriately divided between the two basins.

Table 13: Non-Tidal Wetland Project Summary for the Lower James River Basin

Project Information		NT Wetland (Ac)			Upland (Ac)		Mitigation Acres	Proposed Credits	Completed Credits	Released Credits	Total Credits	Additional Protected (ac)
Project ID	Status	Rest/Cr	Pres	Enh	Rest	Pres						
LJ-1	C	32.44	214.72	0.00	10.21	3.86	261.23	0.00	0.00	57.52	57.52	0.00
LJ-4/CH-9	C	70.70	114.90	0.00	0.00	0.00	185.60	0.00	0.00	82.19	82.19	0.00
LJ-6	C	0.00	64.70	0.00	0.00	29.60	94.30	0.00	0.00	7.95	7.95	0.00
LJ-7	P	12.19	76.60	0.00	0.00	0.00	88.79	30.00	0.00	0.00	30.00	0.00
LJ-8*	C	0.00	368.61	0.00	0.00	47.30	415.91	0.00	0.00	33.09	33.09	516.45
LJ-10*	PC	14.06	20.88	0.00	0.00	89.49	124.43	0.00	0.00	21.65	21.65	37.42
LJ-11*	C-LTM	0.00	104.24	0.00	0.00	79.11	183.35	0.00	0.00	14.81	14.81	74.51
LJ-12*	C	0.00	14.99	0.00	0.00	70.20	85.19	0.00	0.00	5.01	5.01	29.42
LJ-13*	C	0.00	5.34	0.00	0.00	0.71	6.05	0.00	0.00	0.60	0.60	0.00
LJ-14*	PC	0.00	1.14	0.00	0.00	0.00	1.14	0.00	0.00	0.11	0.11	Reported under the USM summary
LJ-17/MJ-14*	P	0.00	4.28	0.00	0.00	28.81	494.00	177.96	0.00	0.00	177.96	Reported under the USM summary
Sub-totals		**129.39**	**990.40**	**0.00**	**10.21**	**349.08**	**1939.99**	**207.96**	**0.00**	**222.93**	**430.89**	**657.80**

Total Acres of Non-Tidal Impacts	**132.95**
Total Mitigation Liability	**237.33**
Total Proposed Credits	**207.96**
Percent of Wetland Acreage Replacement	**97.3**
Total Released Credits	**222.93**

*Project includes stream or tidal wetland mitigation

P - Planning / site development review
I - Restoration/Enhancement/Creation activities in progre
C-LTM - Closed and in Long-Term Management
M - Mitigation monitoring
C - Closed
CR - Pending credit release
PC - Pending project closure

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

Table 14: Tidal Wetland Project Summary for the Lower James River Basin

Project Information		Tidal Wetland	SAV	Oyster	Tidal	Tidal	Mitigation Acres	Proposed Credits	Completed Credits	Released Credits	Total Credits	Additional Protected (ac)
Project ID	Status	Rest	Rest	Rest	Enh	Pres						
LJ-3	C	0.00	0.00	0.34	0.00	0.00	0.34	0.00	0.00	0.07	0.07	0.00
LJ-8*	C	0.00	0.00	0.00	0.00	11.94	11.94	0.00	0.00	1.00	1.00	Reported under non-tidal wetlands summary
LJ-10*	PC	47.23	0.00	0.00	0.00	3.51	50.74	0.00	0.00	49.96	49.96	Reported under non-tidal wetlands summary
LJ-15*	C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sub-totals		**47.23**	**0.00**	**0.34**	**0.00**	**15.45**	**63.02**	**0.00**	**0.00**	**51.03**	**51.03**	**0.00**

Total Acres of Tidal Impacts	**3.25**
Total Mitigation Liability	**2.96**
Total Proposed Credits	**0.00**
Percent of Wetland Acreage Replacement	**####**
Total Released Credits	**51.03**

*Project includes stream or non-tidal wetland mitigation

P - Planning / site development review
I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring
C - Closed
CR - Pending credit release
PC - Pending project closure

The stream table below describes all stream activity that does not generate credits including pre-USM activity.

Table 15: Stream Activity Summary for the Lower James River Basin

Project ID	Project Status	Stream Mitigation Area (ac)	Channel Length in Mitigation Area (lf)	Mitigation Activity Description	Additional Protected (ac)
LJ-2	C	0.04	104	Stabilized a headcut with a series of step pools serving as grade control within an unnamed tributary to Upham Brook. Stream banks were shaped along 104 lf of channel to provide additional floodplain area.	0.00
LJ-10*	M	37.42	7,699	Removal of a dam on Lake Charles fed by several tributary streams, primarily Kimages Creek. Restoration will be accomplished through the removal of a portion of the existing dam where it intersects the preexisting stream channel and the planting of the wetlands created by this dam breach.	Reported under non-tidal wetland summary
LJ-11*	C-LTM	0.00	6,054	Stream preservation along 6,054 lf of the Chickahominy River unnamed tributaries. Riparian buffer preservation along both banks of the river and streams. Buffer on the Chickahominy exists as wetlands for 300'. Buffer on the tributaries is 200' wide, and portions exist as wetlands.	Reported under non-tidal wetland summary
LJ-12*	C	2.45	12,429	Two hundred foot buffers will be preserved on both wetland and stream systems along the James River, two unnamed tributaries that flow directly into the James River, and 15 acres of PFO wetlands.	Reported under non-tidal wetland summary
LJ-13*	C	0.00	1,010	River and 778 lf of Harris Creek. Preservation of riparian buffer on the north bank of the James River and both banks of Harris Creek (portions exist as wetlands).	0.00
Totals		**39.91**	**27,296**		**0.00**
Total Impacts (lf)			**22,361**	*Project includes wetland mitigation	
P - Planning / site development review				I - Restoration/Enhancement/Creation activities in progress	
M - Mitigation monitoring				C - Closed	
CR - Pending credit release				C-LTM - Closed and in Long-Term Management	
PC - Pending project closur					
Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).					

Table 16: USM Stream Project Summary for the Lower James River Basin

Project Information		Stream Length (lf)	Stream Activity (lf)			Buffer Activity		Mitigation (ac)	Proposed Credits	Completed Credits	Released Credits	Total Credits	Additional Protected (ac)
Project ID	Status		Rest/Enh	Pres	Livestock Exclusion	Rest	Pres						
LJ-11*+	C-LTM	745	454	291	0.00	0.21	6.12	6.50	0	0	647	647	Reported under the wetlands summary
LJ-14*	PC	1,844	0.00	1,844	0.00	6.20	0.00	7.64	0	0	459	459	2.65
LJ-15*	C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0.00
LJ-16	C	9,605	9,605	0	0.00	0.00	0.00	0.00	0	0	9,605	9,605	0.00
LJ-17/MJ-14*	P	50,033	0.00	0.00	0.00	7.88	452.51	494.00	49,441	0	0	49,441	185.00
Totals		**62,227**	**10,059**	**2,135**	**0.00**	**14.29**	**458.63**	**508.14**	**49,441**	**0**	**10,711**	**60,152**	**187.65**

Total Impacts	**18,132**
Total Compensation Required	**21,368**
Total Proposed Credits	**49,441**
Total Released Credits	**10,711**

+Project includes both pre-USM and USM funding

*Project includes wetland mitigation

P - Planning / site development review
I - Restoration/Enhancement/Creation activities in progress
C-LTM - Closed and in Long-Term Management
M - Mitigation monitoring
C - Closed
CR - Pending credit release
PC - Pending project closure

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

LJ-1 Chickahominy River (Walters)

This project was officially closed in 2018. Please reference the 2007, 2017, and 2024 Annual Reports for additional details on this project.

LJ-2 Chickahominy River (Cheswick Park)

This project was officially closed in 2007. Please reference the 2007 Annual Report for details on this project.

LJ-3 VMRC Oyster Reef

This project was officially closed in 2007. Please reference the 2007 Annual Report for details on this project.

CH-9/LJ-4 Northwest River (Stephens)

The Stephens property (detailed under the Chowan River Basin) is also included as part of Lower James River Basin due to the split drainage.

LJ-5 Isle of Wight Site

This project was officially closed in 2007. Please reference the 2007 Annual Report for details on this project.

LJ-6 Chickahominy River (Rogers-Chenault)

This project was officially closed in 2008. Please reference the 2008 Annual Report for details on this project.

LJ-7 Great Dismal Swamp Northwest Section (Jacobson et al.)

The purpose of this project is to conduct non-tidal wetland restoration and enhancement, upland buffer restoration, and non-tidal wetland and upland buffer preservation at this 84-acre property in Chesapeake. The property contains approximately 54 acres of cropland, 22 acres of forested wetlands and several acres of drained forested wetland and upland forest. In the past a ditch system was installed on this site to lower the ground water table to make farming more successful. This project was approved in 2006 by the Corps and the property

was purchased by the Conservancy in 2007.

A shallow groundwater table study was conducted at the site during the 2007 growing season. A preliminary design was completed in 2009 and was presented to the City for review. Historically, this project has been low priority due to existing basin impacts, and no actions have been completed to develop the mitigation activities. However, renewed efforts for mitigation design and development began in 2020. A site assessment and feasibility report were produced in 2020. Hydrology wells were installed in late winter 2021 and have been collecting groundwater data. An IRT site visit occurred in May 2021 with verbal support to move forward with plans. A wetland delineation was confirmed by the Corps on October 14, 2022. A request for proposals for mitigation design was released on December 20, 2022. The Conservancy will move forward with finalizing the project approach in 2026. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

LJ-8 Lower Chickahominy River (Church Point Farm, LLC)
This project was officially closed in 2009. Please reference the 2007 and 2009 Annual Reports for details on this project.

LJ-9 James River Site
This project was officially closed in 2010. Please reference the 2007 Annual Report for details on this project.

LJ-10 James River (VCU)
Please reference the 2008 Annual Report for additional details on this project.

The purpose of this project is to provide restoration of the natural stream channel and wetland habitats resulting from the removal of the dam at the mouth of Kimages Creek on the Virginia Commonwealth University (VCU) Rice Center property. The property is located along the James River in Charles City County.

Restoration of the site was initiated in late 2010 and consisted of the removal of approximately 180 linear feet of the existing dam where it intersects the pre-existing stream channel of Kimages Creek. The project also includes re-establishment of native wetland plant communities in the former impounded areas. Planting was completed in April/May 2014. Several corrective actions, including prescribed burns, cutting, and herbicide application were undertaken in 2013 through 2020. Management of beaver populations started at the site in 2018 and continued through 2022. Supplemental planting to ensure success occurred in 2014 and 2015. Mitigation monitoring of the wetlands began in 2014, with the final monitoring (Year 10) occurring in 2024. The final stream monitoring event was conducted in 2023 and the monitoring report was approved in Sept 2025. A delineation was submitted in July 2025 and confirmed at an IRT site visit in August 2025. A total of 13.51 non-tidal wetland and 38.87 tidal wetland credits were released with the Year 10 monitoring report which included all remaining credits. A total of 71.61 credits were generated and TNC has been released from monitoring. The project did not utilize USM stream funding, so it does not generate USM credit. TNC anticipates submitted a request to close the project in 2026. Additional information regarding this mitigation site may be found in the site cyber

repository on RIBITS.

LJ-11 Chickahominy River (Wilson)
The purpose of this project is to conduct a non-tidal wetland, stream preservation, and stream restoration project along the Chickahominy River and tributaries in Henrico and New Kent Counties. The project provides approximately 189 acres of preservation, and includes 104 acres of non-tidal wetland preservation, 85 acres of upland buffer preservation and 6,245 linear feet of stream preservation. Approximately 75 acres will be counted as additional protected acreage. The site is located downstream of LJ-1 and upstream of LJ-6.

Initial funding for preservation activities was approved by the Corps on August 28, 2008. Additional funding was approved in August 2010. The Conservancy completed acquisition of a conservation easement on the property in 2015. The conservation easement was transferred to the Capital Region Land Conservancy in December 2023. A credit release request for the wetland preservation component of this project (Phase I), totaling 14.81 credits, was submitted in 2016 and approved in 2017. All wetland credits have been released from this project. This portion of the project did not utilize USM stream funding, so it does not generate USM credit.

The Conservancy submitted a proposal in 2013 to add stream restoration activities (Phase II), including dam removal and restoration of 454 linear feet of stream and 0.21 acres of riparian buffer. The Phase II portion of the project is proceeding under the guidance of the site development plan signed in March 2015. Stream restoration construction was completed in early 2017. Minor stream and buffer maintenance activities were completed in December 2019. On October 14, 2022, the IRT approved revisions to the geographic service area to comply with changes to Virginia Code. Year 7 monitoring of the stream restoration was completed in 2023. The Conservancy submitted the final credit release request, request for release from monitoring, and request to close the project and transition to Long-Term Management in June 2024. The credit release and release from monitoring were approved in September 2024. The closure request was approved in May 2025 and the project was transferred to Long-Term Management. The project generated 647 USM credits. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

LJ-12 James River (Blair's Wharf)
This project was officially closed in 2023. Please reference the 2023 Annual Report for details on this project.

LJ-13 James River (VCU – Harris)
This project was officially closed in 2018. Please reference the 2010 and 2017 Annual Reports for additional details on this project.

LJ-14 Lower Chickahominy (Fowlkes)
The purpose of this mitigation site is to provide wetland and stream preservation and buffer enhancement on approximately 10 acres of land purchased by the Conservancy. The site is located within the boundary of the 5,200-acre Chickahominy Wildlife Management Area managed by the Virginia Department of Wildlife Resources (DWR) in Charles City County,

Virginia. A surface water delineation for the site was confirmed in December 2013. The mitigation site includes 0.12 acres of non-tidal emergent wetlands and 1.02 acres of non-tidal forested wetlands and 1,844 linear feet of unnamed tributaries to Morris Creek near the mouth of the Chickahominy River which drains to the James River.

The project is proceeding under the guidance of the SDP submitted in August 2016 and signed in December 2019. The project generated 0.11 non-tidal wetland and 459 USM credits. Buffer enhancement through invasive species removal began in 2020. Year 5 monitoring was completed in 2024. The Conservancy submitted a request for release from monitoring in December 2024, which was approved in March 2025. The Conservancy submitted a Site Management Plan (protection document) and final credit release request in March 2025. The Site Management Plan was approved in May 2025 and the credit request was approved in July 2025. The Conservancy anticipates submittal of a request to close the project and transition to Long-Term Management in 2026. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

LJ-15 Chippokes Creek site
This project was officially closed in 2018. Please reference the 2013 and 2017 Annual Reports for additional details on this project.

LJ-16 Lower James Mitigation Bank Credit Purchase
This project was officially closed in 2023. Please reference the 2023 Annual Report for additional details on this project.

LJ-17/MJ-14 James River (Sunken Meadow)
The purpose of this project is to provide stream and wetland mitigation on a 679-acre property encompassing Sunken Meadow pond and adjacent streams, wetlands, and forested uplands, near the town of Claremont in Surry County. A proposal and initial funding plan were submitted to the IRT in October 2024 with an Initial Evaluation Letter issued on January 23, 2025. Based on direction from the IRT, TNC submitted a second proposal, for Phase I of the project, in January 2025, along with an initial funding request for Phase I. The Phase I funding request was approved on March 4, 2025 and the Initial Evaluation Letter for Phase I was issued on May 9, 2025. The property was purchased by the Conservancy in April 2025. Phase I includes stream and wetland preservation, buffer preservation, and buffer restoration located outside of Sunken Meadow pond. Phase I of the project is anticipated to generate approximately 1.96 NTW credits and 10,307 USM credits. An INU inventory was conducted in September 2025, and a delineation was also conducted in September 2025 and will be submitted for confirmation in early 2026. The Conservancy began a year-long community engagement process to determine potential future project opportunities at the site in November 2025. The Conservancy anticipates submitting an SDP for the Phase I portion of the project in 2026. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

Middle James River Basin

The Middle James River Basin is comprised of four HUCs (02080203, 02080204, 02080205 and 02080207) encompassing the portion of the James River from the Blue Ridge Parkway east to Richmond. This basin is located within the Conservancy's Piedmont Ecoregion. Conservation targets include small Piedmont streams and tributaries, James spinymussel, isolated wetlands, and working and old growth forests.

The projects discussed in this section serve as mitigation for permitted impacts within the Middle James River Basin for which the Program was used as compensatory mitigation. Complete project descriptions for projects approved prior to 2025 may be found in earlier reports as indicated below. Updates are given for each project as applicable. Six projects were closed in 2025 – MJ-5, which represents MJ-5, MJ-6, MJ-7, MJ-8, MJ-10, and MJ-11.

Table 17: Non-Tidal Wetland Project Summary for the Middle James River Basin

Project Information		NT Wetland (Ac)			Upland (Ac)		Mitigation	Proposed	Completed	Released	Total	Additional
Project ID	**Status**	**Rest/Cr**	**Pres**	**Enh**	**Rest**	**Pres**	**Acres**	**Credits**	**Credits**	**Credits**	**Credits**	**Protected (ac)**
MJ-1*	C	24.78	2.19	0.00	32.90	2.52	62.39	0.00	0.00	28.69	28.69	38.03
MJ-3*	C	0.00	87.12	0.00	0.00	12.50	97.00	0.00	0.00	9.00	9.00	469.00
MJ-5-8, 10-11*	C	9.13	8.13	0.00	0.00	0.00	8.13	0.00	0.00	10.44	10.44	0.00
MJ-13*	P	13.84	0.00	4.57	25.49	0.00	43.90	18.36	0.00	0.00	18.36	0.00
LJ-17/MJ-14*	P	Project reported on under the Lower James NTW summary										
Sub-totals		**47.75**	**97.44**	**4.57**	**58.39**	**15.02**	**211.42**	**18.36**	**0.00**	**48.13**	**66.49**	**507.03**

Total Acres of Non-Tidal Impacts	**44.98**	*Project includes stream or tidal wetland mitigation
Total Mitigation Liability	**82.16**	
Total Proposed Credits	**18.36**	
Percent of Wetland Acreage Replacement	**106.2**	
Total Released Credits	**48.13**	

P - Planning / site development review
I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring
C - Closed
CR - Pending credit release
PC - Pending project closure

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

The stream table below describes all stream activity that does not generate credits including pre-USM activity.

Table 18: Stream Activity Summary for the Middle James River Basin

Project ID	Project Status	Stream Mitigation Area (ac)	Channel Length in Mitigation Area (lf)	Mitigation Activity Description	Additional Protected (ac)
MJ-1*	C	53.58	10,778	preservation of 1,689 lf of unnamed tributaries to the North Fork of the Rivanna River. Riparian buffer planting and preservation 200' wide along tributaries. Riparian buffer planting and preservation (250 feet wide) along a total of 6,181 lf of the North Fork (right bank) and South Fork (left bank) of the Rivanna River.	Reported under the wetlands summary
MJ-3*	C	434.00	36,907	Riparian buffer preservation of 8,280 lf on the right bank of the James River with buffer ranging from 100 to 300 feet. Stream system preservation of 12,200 lf of Deep Creek, with buffer 300 feet wide. Stream system preservation of 9,420 lf of headwater tributaries to the James River with buffer of 200 feet along each bank. Stream system preservation of 7,920 lf of a headwater tributary to the James River with an existing mature wooded buffer of 300 feet along each bank.	Reported under the wetlands summary
MJ-4	C	20.00	5,280	Riparian buffer preservation on 1,009 lf of the left bank of the Moorman's River with mature wooded buffer width of 100 feet. Stream system preservation along both banks of 3,254 lf of Slate Branch and tributaries with an existing mature wooded buffer width of 100 feet. Riparian buffer preservation along 1,017 lf of the right bank of Slate Branch with an existing mature wooded buffer width of 100 feet.	59.00
MJ-5-8, 10-11*	C	41.24	11,269	Stream restoration along 7,372 lf of Meadow Creek and stream preservation along 3,897 lf of Meadow Creek and unnamed tributaries. Buffer restoration and enhancement of 9 acres and buffer preservation of 32 acres.	13.50
Totals		**548.82**	**64,234**	*Project includes wetland mitigation	**72.50**
Total Impacts (lf)		**32,679**			

P - Planning / site development review
M - Mitigation monitoring
CR - Pending credit release
I - Restoration/Enhancement/Creation activities in progress
C - Closed
PC - Pending project closure

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

Table 19: USM Stream Project Summary for the Middle James River Basin

Project Information		Stream Length (lf)	Stream Activity (lf)			Buffer Activity		Mitigation (ac)	Proposed Credits	Completed Credits	Released Credits	Total Credits	Additional Protected (ac)
Project ID	Status		Rest/Enh	Pres	Livestock Exclusion	Rest	Pres						
MJ-12	C	516	516	0	0	0.00	0.00	0.00	0	516	516	516	0.00
MJ-13*	P	1,800	1,800	0	0	0.00	0.00	0.00	1,800	0	0	0	0.00
LJ-17/MJ-14*	P	Project reported on under the Lower James NTW summary											
Totals		**2,316**	**2,316**	**0**	**0**	**0.00**	**0.00**	**0.00**	**1,800**	**516**	**516**	**516**	**0.00**
Total Impacts			**4,490**										
Total Compensation Required			**4,730**			+Project includes pre-USM and USM funding							
Total Proposed Credits			**1,800**										
Total Released Credits			**516**			*Project includes wetland mitigation							

P - Planning / site development review
I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring
C - Closed
CR - Pending credit release
PC - Pending project closure

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

MJ-1 Rivanna River (Lamb)

This project was officially closed in 2022. Please reference the 2022 Annual Report for details on this project.

MJ-2 Rivanna Watershed site

This project was officially closed in 2007. Please reference the 2007 Annual Report for details on this project.

MJ-3 Beaumont (Sisters of the Blessed Sacrament)

This project was officially closed in 2009. Please reference the 2007 and 2009 Annual Reports for details on this project.

MJ-4 Southern Shenandoah (Bennett)

This project was officially closed in 2009. Please reference the 2007 and 2009 Annual Reports for details on this project.

MJ-5 Rivanna Watershed (Meadow Creek site 1)

Please reference the 2008 Annual Report for additional details on this project.

The purpose of the MJ-5, MJ-6, MJ-7, MJ-8, MJ-10, and MJ-11 projects is to conduct stream mitigation on six adjacent sites along Meadow Creek in the City of Charlottesville and Albemarle County. The project is proceeding under the guidance of the project and budget approval letters provided by the Corps on November 16, 2007, December 16, 2008, and December 21, 2009. The project includes stream restoration, enhancement, and preservation, riparian buffer enhancement and preservation, and wetland restoration along approximately 7,400 linear feet of Meadow Creek and tributaries.

Construction began in spring 2012 and was completed in early 2013. Planting was completed in the 2012/2013 dormant season. Supplemental planting was completed in 2014, 2015, 2017, and 2020, and streambank repair was completed in 2020. Invasive species management occurred through 2023 to ensure site success. Stream cleanups are also held on a regular basis. Year 10 geomorphic, biological, and vegetation monitoring and Year 3 monitoring of the stream repair areas were conducted in 2022. The project did not utilize USM stream funding, so it does not generate USM credit.

The initial project proposals focused on stream and buffer restoration and wetland preservation but did not seek wetland credit. However, the stream mitigation activities, primarily Priority 1 restoration to reconnect the stream to its floodplain, significantly expanded the extent of wetlands on the mitigation site. A stream and wetland delineation for the project was completed in Fall 2021 and was confirmed on August 12, 2022. To account for the restoration of wetlands on this project, the Conservancy submitted a proposal to add wetland credits to the project in October 2021 which was approved by the IRT. Based on the results of the delineation, a request to release 10.44 non-tidal wetland credits was submitted on May 23, 2022, and the IRT approved the request on August 12, 2022. The Conservancy submitted a closure request in June 2024 and IRT comments were received in October 2024. The revised closure request was submitted in November 2024 and was approved in May 2025. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

MJ-6 Rivanna Watershed (Meadow Creek site 2)
Project description is detailed above at MJ-5.

MJ-7 Rivanna Watershed (Meadow Creek site 3)
Project description is detailed above at MJ-5.

MJ-8 Rivanna Watershed (Meadow Creek site 4)
Project description is detailed above at MJ-5.

MJ-9 Southern Shenandoah site
This project was officially closed in 2009. Please reference the 2009 Annual Report for details on this project.

MJ-10 Rivanna Watershed (Area 3)
Project description is detailed above at MJ-5.

MJ-11 Rivanna Watershed (Area 4)
Project description is detailed above at MJ-5.

MJ-12 Innisfree Mitigation Bank Credit Purchase
This project was officially closed in 2018. Please reference the 2017 Annual Report for details on this project.

MJ-13 James River (State Farm DOC)
The purpose of this project is to provide non-tidal wetland restoration and enhancement, and upland buffer restoration on 43 acres of floodplain along the James River at the Department of Corrections' State Farm facility in Powhatan County, with an original proposed credit generation of approximately 18 NTW credits and 1800 USM credits. Hydrology wells have been installed onsite and have been collecting data since 2020. A pre-application request was submitted in October 2020, and a proposal was submitted to the IRT in February 2021 with an Initial Evaluation Letter issued on January 28, 2022. After a Request for Proposals, a contractor was selected in 2022 to perform mitigation activities; the

contract was finalized in early 2023. An initial budget was submitted and approved on December 20, 2022. A delineation was submitted in 2022, and a revised delineation was submitted in August 2024. The revised delineation was approved by the Corps in April 2025. Based on results of the delineation, the Conservancy has initiated a re-design with the contractor, removing the stream restoration. This project is being implemented in conjunction with a larger environmental initiative by the Governor's office for riparian restoration of state lands. As such, the Conservancy has participated in a task force with other conservation partners and the State Farm staff to discuss comprehensive restoration approaches on the site. The Conservancy anticipates submitting an SDP in 2026. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

LJ-17/MJ-14 James River (Sunken Meadow)

This project is reported on under the Lower James River Basin Summary.

Upper James River Basin

The Upper James River Basin is comprised of two HUCs (02080201 and 02080202) encompassing the portion of the James River from the West Virginia border east to the Blue Ridge Parkway. This basin is located within the Conservancy's Central Appalachian Ecoregion. Conservation targets include Central Appalachian river systems (with interest to the Cowpasture River and the associated tributaries), montane, non-alluvial wetlands, cave invertebrate communities, bats, alluvial forests and grasslands, pine-oak-heath woodlands, and Central Appalachian mixed hardwood forests.

The projects discussed in this section serve as mitigation for permitted impacts within the Upper James River Basin for which the Program was used as compensatory mitigation. Complete project descriptions for projects approved prior to 2025 may be found in earlier reports as indicated below. One new project was proposed in 2025 – UJ-5. Updates are given for each project as applicable.

Table 20: Non-Tidal Wetland Project Summary for the Upper James River Basin

Project Information		NT Wetland (Ac)			Upland (Ac)		Mitigation	Proposed	Completed	Released	Total	Additional
Project ID	Status	Rest/Cr	Pres	Enh	Rest	Pres	Acres	Credits	Credits	Credits	Credits	Protected (ac)
UJ-1	C	2.34	0.00	1.78	4.73	5.01	13.86	0.00	0.00	3.68	3.68	0.61
UJ-4*	PC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
UJ-5	P	24.50	0.00	0.00	10.90	13.60	49.00	27.39	0.00	0.00	27.39	0.00
Sub-totals		**26.84**	**0.00**	**1.78**	**15.63**	**18.61**	**62.86**	**27.39**	**0.00**	**3.68**	**31.07**	**0.61**

Total Acres of Non-Tidal Impacts	**8.09**
Total Mitigation Liability	**12.61**
Total Proposed Credits	**27.39**
Percent of Wetland Acreage Replacement	**332**
Total Released Credits	**3.68**

*Project includes stream or tidal wetland mitigation

P - Planning / site development review
I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring
C - Closed
CR - Pending credit release
PC - Pending project closure

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

The stream table below describes all stream activity that does not generate credits including pre-USM activity.

Table 21: Stream Activity Summary for the Upper James River Basin

Project ID	Project Status	Stream Mitigation Area (ac)	Channel Length in Mitigation Area (lf)	Mitigation Activity Description	Additional Protected (ac)
SH-3/ UJ-3	C	104.40	7,609	Stream and riparian buffer preservation in the Shenandoah River Basin of 12,894 lf along both banks of Laurel Fork with a buffer ranging from 100-2,000 ft, 7,960 lf along both banks of Barkley Run with buffer widths ranging from 100-900 ft, 2,692 lf along one bank of Schoolhouse Run with buffer widths along the right bank of 100 feet and left bank of 35-100 ft, 2,569 lf along the left bank of Collins Run with a buffer width of 100 ft, and 6,108 lf along both banks of Blights Run with buffer widths on the right bank of 20-100 ft and left bank of 100 ft. Stream and riparian buffer preservation in the Upper James River Basin of 7,609 lf along both banks of Backs Creek and its tributaries with buffer width limited to the property boundary up to 100 ft.	reported under SH-3
	Totals	**104.40**	**7,609**		
Total Impacts (lf)		**0**		*Project includes wetland mitigation	
P - Planning / site development review				I - Restoration/Enhancement/Creation activities in progress	
M - Mitigation monitoring				C - Closed	
CR - Pending credit release				PC - Pending project closure	
Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).					

Table 22: USM Stream Project Summary for the Upper James River Basin

Project Information		Stream Length (lf)	Stream Activity (lf)			Buffer Activity		Mitigation (ac)	Proposed Credits	Completed Credits	Released Credits	Total Credits	Additional Protected (ac)
Project ID	Status		Rest/Enh	Pres	Livestock Exclusion	Rest	Pres						
UJ-4*	PC	0	0	0	0	0.00	0.00	0.00	0	0	0	0	0.00
UJ-5	P	2,263	0	0	2,263	2.09	11.43	13.52	1,210	0	0	1210	0.00
Totals		**2,263**	**0**	**0**	**2,263**	**2.09**	**11.43**	**13.52**	**1,210**	**0**	**0**	**1210**	**0**
Total Impacts			**261**										
Total Compensation Required			**229**			+Project includes pre-USM and USM funding							
Total Proposed Credits			**1,210**										
Total Released Credits			**1,210**			*Project includes wetland mitigation							
P - Planning / site development review					I - Restoration/Enhancement/Creation activities in progress								
M - Mitigation monitoring					C - Closed								
CR - Pending credit release					PC - Pending project closure								
Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).													

UJ-1 Warm Springs Mountain/Cowpasture River (Phillips)

This project was officially closed in 2023. Please reference the 2023 Annual Report for additional details on this project

UJ-2 Warm Springs Mountain/Cowpasture River Site

This project was officially closed in 2007. Please reference the 2007 Annual Report for details on this project.

SH-3/UJ-3 Laurel Fork (Rifle Ridge Farm, LLC)
This project mitigates for stream impacts in both the Shenandoah and Upper James River Basins. Projects details are given under the SH-3 description.

UJ-4 James River site
The purpose of this project was to conduct non-tidal wetland restoration, enhancement, and preservation, stream restoration, and upland buffer restoration and preservation on the Cole property in Augusta County. Prior to submission of the SDP, the project was withdrawn and did not move forward. A request to close the project was submitted in November 2024 and is pending IRT approval. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

UJ-5 Potts Creek site
The purpose of this project is to conduct non-tidal wetland and buffer restoration, stream buffer restoration and preservation, and cattle exclusion on an 84-acre parcel and 62-acre mitigation site along Potts Creek and unnamed tributaries in Alleghany County. The Nature Conservancy participated in a virtual pre-app in August 2025 and submitted a proposal in December 2025. The Conservancy entered into a purchase agreement in 2025 and expects to finalize the purchase in 2026 and submit an SDP in 2027. A 106 Phase 1 scope of work was coordinated in Oct 2025. The phase 1 survey was initiated in Nov 2025 and is expected to be submitted in 2026. A funding request was submitted in December 2025. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

New River Basin

The New River Basin is comprised of two HUCs (05050001 and 05050002). This basin is located within the Conservancy's Central Appalachian Ecoregion. Conservation targets include small, Central Appalachian streams and tributaries and general locations encompassing habitat for known Virginia Department of Conservation and Recreation Natural Heritage elements.

The projects discussed in this section serve as mitigation for permitted impacts within the New River Basin for which the Program was used as compensatory mitigation. Complete project descriptions for projects approved prior to 2025 may be found in earlier reports as indicated below. Updates are given for each project as applicable. One project was closed in 2025 – NW-1.

Table 23: Non-Tidal Wetland Project Summary for the New River Basin

Project Information		NT Wetland (Ac)			Upland (Ac)		Mitigation	Proposed	Completed	Released	Total	Additional
Project ID	Status	Rest/Cr	Pres	Enh	Rest	Pres	Acres	Credits	Credits	Credits	Credits	Protected (ac)
NW-3*	M	4.18	0.00	6.65	21.18	5.83	37.84	0.00	5.86	2.24	8.10	16.80
Sub-totals		**4.18**	**0.00**	**6.65**	**21.18**	**5.83**	**37.84**	**0.00**	**5.86**	**2.24**	**8.10**	**16.80**

Total Acres of Non-Tidal Impacts	**5.47**	*Project includes stream or tidal wetland mitigation
Total Mitigation Liability	**7.77**	
Total Proposed Credits	**0.00**	
Percent of Wetland Acreage Replacement	**76.4**	
Total Released Credits	**2.24**	

P - Planning / site development review	I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring	C - Closed
CR - Pending credit release	PC - Pending project closure

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

The stream table below describes all stream activity that does not generate credits including pre-USM activity.

Table 24: Stream Activity Summary for the New River Basin

Project ID	Project Status	Stream Mitigation Area (ac)	Channel Length in Mitigation Area (lf)	Mitigation Activity Description	Additional Protected (ac)
NW-1	C	11.73	5,048	Stream enhancement, livestock exclusion, riparian area enhancement, and riparian area preservation along 5,048 lf of the New River and tributaries	0.00
	Totals	**11.73**	**5,048**		**0.00**
Total Impacts (lf)		**5,048**		*Project includes wetland mitigation	

P - Planning / site development review	I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring	C - Closed
CR - Pending credit release	PC - Pending project closure

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

Table 25: USM Stream Project Summary for the New River Basin

Project Information		Stream	Stream Activity (lf)			Buffer Activity (ac)		Mitigation	Proposed	Completed	Released	Total	Additional
Project ID	Status	Length (lf)	Rest/Enh	Pres	Livestock Exclusion	Rest	Pres	(ac)	Credits	Credits	Credits	Credits	Protected (ac)
NW-1	C	2,718	1,609	1,109	2,718	1.34	4.97	6.31	0	0	1,829	1,829	0.00
NW-3*	M	6,864	4,610	2,254	6,864	0.03	3.65	3.68	0	5,516	2,883	8,399	reported under NTW
Totals		**9,582**	**6,219**	**3,363**	**9,582**	**1.37**	**8.62**	**9.99**	**0**	**5,516**	**4,712**	**10,228**	**0.00**

Total Impacts	**5,373**	
Total Compensation Required	**5,440**	+Project includes pre-USM and USM funding
Total Proposed Credits	**0**	
Total Released Credits	**4,712**	*Project includes wetland mitigation

P - Planning / site development review	I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring	C - Closed
CR - Pending credit release	PC - Pending project closure

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

NW-1 New River (Phipps)

Please reference the 2011 Annual Report for additional details on this project.

The purpose of this project is to conduct stream and riparian buffer enhancement and livestock exclusion activities along the New River and tributaries in Grayson County, Virginia.

The project is proceeding under the guidance of the project and budget approval letters provided by the Corps on June 22, 2011, and June 20, 2012. Stream enhancement and livestock exclusion activities were completed in summer/fall 2013. Planting was completed during the 2013/14 dormant season. Invasive species management was ongoing during the monitoring period. Year 10 monitoring of the mitigation activities was completed in 2023. The project is funded in part using USM funds and generated 1,829 USM credits, all of which have been released. The Conservancy submitted a request to close the project in February 2024 which was approved in May 2025. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

NW-3 Reed Island Creek (Webb)
Please reference the 2016 Annual Report for additional details on this project.

The purpose of this project is to conduct stream and wetland mitigation on a 60-acre property in Carroll County, VA. The property contains extensive frontage on unnamed tributaries to Grassy Creek, and approximately 16 acres of floodplain which contained evidence of prior conversion of wetlands to pasture. Mitigation activities included 4,610 linear feet of stream restoration, 4.18 acres of wetland restoration, 6.65 acres of wetland enhancement, 2,254 linear feet of stream preservation, 21.21 acres of buffer restoration, and 9.5 acres of buffer preservation. The project also included exclusion of livestock from the mitigation site. An important goal of this project is also to protect, and, where possible, expand habitat for the bog turtle.

The property was acquired by TNC in March 2016. The project is proceeding under the guidance of the SDP signed in 2020. Livestock exclusion and stream and wetland restoration construction were completed in December 2021. Planting in the wetlands and buffer areas was completed in early 2022. Year 5 monitoring will be conducted in 2026. The project is expected to generate 8.10 non-tidal wetland credits and 8,399 USM credits. A request for release of 2,883 USM credits and 2.24 NTW credits was approved in 2023. A second credit release request was submitted in December 2024 and is pending IRT approval. The Conservancy also submitted an SDP modification related to monitoring and credit release in 2023 and the request was approved in December 2024. A bog turtle management plan was developed in October 2025. Additionally, a bog turtle Phase 1 Habitat Survey and Phase 2 Presence/Probable Absence Survey were conducted in 2025. Invasive species management is ongoing and will continue to ensure site success. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

Potomac River Basin

The Potomac River Basin is comprised of three HUCs (02070008, 02070010, and 02070011) encompassing the Lower Potomac east of the Blue Ridge to the Bay. This basin is located within the Conservancy's Piedmont Ecoregion. Conservation targets include small Piedmont streams and tributaries, sportfish and nongame fish populations, and estuarine and riverine systems.

The projects discussed in this section serve as mitigation for permitted impacts within the

Potomac River Basin for which the Program was used as compensatory mitigation. Complete project descriptions for projects approved prior to 2025 may be found in earlier reports as indicated below. In 2025, SDPs for two projects were approved – PO-8 and PO-10. Updates are given for each project as applicable.

Table 26: Non-Tidal Wetland Project Summary for the Potomac River Basin

Project Information		NT Wetland (Ac)			Upland (Ac)		Mitigation	Proposed	Completed	Released	Total	Additional
Project ID	Status	Rest/Cr	Pres	Enh	Rest	Pres	Acres	Credits	Credits	Credits	Credits	Protected (ac)
PO-1*	C	44.23	36.40	12.26	0.87	55.89	149.65	0.00	0.00	53.17	53.17	10.35
PO-5*	C	7.08	0.00	1.23	10.23	0.78	19.32	0.00	0.00	8.31	8.31	Reported under the streams summary
PO-6*	C	0.00	385.00	0.00	0.00	144.00	529.00	0.00	0.00	39.16	39.16	Reported under the streams summary
PO-7*	C	0.00	60.00	0.00	0.00	49.28	109.28	0.00	0.00	7.44	7.44	Reported under the streams summary
PO-9	P	4.8	1.2	0	23.39	49.42	78.81	9.41	0	0	9.41	10.64
Sub-totals		**56.11**	**482.60**	**13.49**	**34.49**	**299.37**	**886.06**	**9.41**	**0.00**	**108.08**	**117.49**	**20.99**

Total Acres of Non-Tidal Impacts	**31.79**	*Project includes stream or tidal wetland mitigation
Total Mitigation Liability	**49.46**	
Total Proposed Credits	**9.41**	
Percent of Wetland Acreage Replacement	**176.5**	
Total Released Credits	**108.08**	

P - Planning / site development review — I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring — C - Closed
CR - Pending credit release — PC - Pending project closure

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

Table 27: Tidal Wetland Project Summary for the Potomac River Basin

Project Information		Tidal Wetland (Ac)			Upland (Ac)		Mitigation	Proposed	Completed	Released	Total	Additional
Project ID	Status	Rest/Cr	Pres	Enh	Rest	Pres	Acres	Credits	Credits	Credits	Credits	Protected (ac)
PO-6*	C	0.00	108.00	0.00	0.00	0.00	108.00	0.00	0.00	8.96	8.96	Reported under the streams summary
PO-7*	C	0.00	9.00	0.00	0.00	0.00	9.00	0.00	0.00	0.75	0.75	Reported under the streams summary
Sub-totals		**0.00**	**117.00**	**0.00**	**0.00**	**0.00**	**117.00**	**0.00**	**0.00**	**9.71**	**9.71**	**0.00**

Total Acres of Tidal Impacts	**2.21**	*Project includes stream or non-tidal wetland mitigation
Total Mitigation Liability	**2.21**	
Total Proposed Credits	**0.00**	
Percent of Wetland Acreage Replacement	**0.0**	
Total Released Credits	**9.71**	

P - Planning / site development review — I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring — C - Closed
CR - Pending credit release — PC - Pending project closure

The stream table below describes all stream activity that does not generate credits including pre-USM activity.

Table 28: Stream Activity Summary for the Potomac River Basin

Project ID	Project Status	Stream Mitigation Area (ac)	Channel Length in Mitigation Area (lf)	Mitigation Activity Description	Additional Protected (ac)
PO-1*	C	7.24	1,600	Priority 1 relocation of 300 lf and Priority 2 restoration of 650 lf of an unnamed tributary to Chotank Creek with an existing mature wooded buffer ranging from 50 to over 200 feet along each bank. Livestock exclusion fencing installed to protect 1,600 lf of stream channel and a small pond.	reported under NTW
PO-2	C	5.20	1,608	Priority 1 restoration of 1,608 lf along two unnamed tributaries to Dogue Creek. The channels buffered by an existing mature forest (with several small areas of buffer enhancement) ranging from 50 to 150 feet along each bank.	0.00
PO-5*	C	22.00	7,326	Livestock exclusion, channel restoration and riparian buffer restoration activities along 7,326 lf of Bolling Branch and tributaries. In addition, stream and buffer preservation along 131 lf of an unnamed tributary.	77.69
PO-6*	C	306.00	79,445	Stream system preservation along both banks of 53,175 lf of twelve unnamed tributaries to Accokeek and Potomac Creeks with an existing mature wooded buffer. Riparian buffer preservation along 26,270 lf of one bank of Accokeek and Potomac Creeks with an existing mature wooded buffer.	737.00
PO-7*	C	238.00	30,797	Stream system preservation along both banks of 22,863 lf of five unnamed tributaries to Accokeek and Potomac Creeks with an existing mature wooded buffer. Riparian buffer preservation along 7,934 lf of one bank of Accokeek and Potomac Creeks with an existing mature wooded buffer.	746.00
Totals		**578.44**	**120,776**		**1560.69**
Total Impacts (lf)		**73,142**		*Project includes wetland mitigation	
P - Planning / site development review				I - Restoration/Enhancement/Creation activities in progress	
M - Mitigation monitoring				C - Closed	
CR - Pending credit release				PC - Pending project closure	
Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).					

Table 29: USM Stream Summary for the Potomac River Basin

Project Information		Stream Activity (lf)			Upland Buffer (ac)		Mitigation (ac)	Proposed Credits	Completed Credits	Released Credits	Total Credits	Additional Protected (ac)
Project ID	Status	Rest/Enh	Pres	Livestock	Rest	Pres						
PO-8	P	24,182	6,718	6,189	173.09	17.22	190.31	33,812	1,858	0	35,670	625.69
PO-10	P	5,555	14,368	2,697	14.35	176.68	191.03	13,427	0	0	13,670	0.00
Totals		**29,737**	**21,086**	**8,886**	**187**	**194**	**381**	**47,239**	**1,858**	**0**	**49,340**	**625.69**
Total Impacts				**37,830**			*Project includes wetland mitigation					
Total Compensation Required				**42,436**								
Total Proposed Credits				**47,239**								
Total Released Credits				**0**								
P - Planning / site development review				I - Restoration/Enhancement/Creation activities in progress								
M - Mitigation monitoring				C - Closed								
CR - Pending credit release				PC - Pending project closure								
Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).												

PO-1 Caledon (Nash)

This project was officially closed in 2020. Please reference the 2020 Annual Report for details on this project.

PO-2 Dogue Creek (Kingstowne)

This project was officially closed in 2022. Please reference the 2022 Annual Report for details on this project.

PO-3 Goose Creek Site

This project was officially closed in 2016. Please reference the 2016 Annual Report for details on this project.

PO-4 Goose Creek Site

This project was officially closed in 2007. Please reference the 2007 Annual Report for details on this project.

PO-5 Goose Creek (Bluewildlife, LLC)

This project was officially closed in 2020. Please reference the 2020 Annual Report for details on this project.

PO-6 Crow's Nest (Stafford Lakes Partnership, Phase I)

This project was officially closed in 2009. Please reference the 2008 and 2009 Annual Reports for details on this project.

PO-7 Crow's Nest Phase II

This project was officially closed in 2009. Please reference the 2008 and 2009 Annual Reports for details on this project.

PO-8 Goose Creek (Cattail L.C.)

The purpose of this project is to provide stream restoration, enhancement, and preservation, upland buffer restoration and preservation, and livestock exclusion on 29,000 linear feet of stream on an approximately 816-acre site in Loudoun County, Virginia. This property contains unnamed tributaries of Crooked Run, a major tributary of Goose Creek, which is a state scenic waterway and Conservancy priority waterway.

The vast majority of the streams on the site have little to no buffer and have been directly impacted from current or past agricultural activities including straightening and ditching. The history of intensive farming activities on the site has spurred widespread channel instability that has led to the degradation of in-stream and riparian habitat, and overall poor water quality conditions throughout the project area over time.

The Conservancy received approval from the IRT to complete conservation easement acquisition and feasibility analysis on the property in 2011. The Conservancy completed initial preservation activities and removal of livestock with acquisition of a conservation easement over the riparian areas in 2011. A surface water delineation was completed and confirmed in 2015. A concept design was developed in late 2015. The Conservancy submitted a pre-application for Phase II of the mitigation site, which includes stream and buffer restoration, enhancement and preservation activities in February of 2016. A site visit with the agencies was held in October 2016. The Conservancy submitted a site development plan for the project in June 2019, and the SDP was signed in March 2025. The project is expected to generate approximately 34,000 USM credits. No credits have been released to date. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

PO-9 Potomac River (Black Oak – Kuhn)
The purpose of this mitigation site is to provide 9.41 non-tidal wetland credits generated on 89 acres in Loudoun County, VA. The site drains to Limestone Branch which is a tributary of the Potomac River. The project proposes 4.8 acres of NTW creation, 1.2 acres of NTW preservation, 23.39 acres of upland buffer restoration, and 49.42 acres of upland buffer preservation. The property has rare karst topography and vernal pools, which are unique in the Piedmont region. Significant assemblages of amphibians and other obligate vernal pool species have been documented onsite. The property is owned by the Loudoun Wildlife Conservancy (LWC).

Proposed wetland mitigation activities include grading, berm construction, and planting of native trees. A feasibility report and concept design were submitted to TNC in July 2019, based on analysis of onsite topographic surveys, soil surveys, groundwater monitoring data, water budgets, and existing wetland evaluations. A proposal for project development was submitted to the IRT in December 2019. An Initial Evaluation Letter was received on March 19, 2020, to proceed with final design development. A delineation was submitted and confirmed in 2022. TNC in partnership with LWC, contractors, and volunteers began work in 2024 on a pilot management area along the border of the restoration and preservation areas of the site as a model to demonstrate invasive management for the large preservation areas as well as the restoration areas after they are constructed. In addition, while the rare karst topography is one of the reasons TNC pursued this project, the protection of this resource has required many additional studies and redesign of the wetland restoration area to ensure that activities do not result in any negative impacts to the karst resources. Additional delineation of these karst resources was conducted in 2025 and provided to the designers for avoidance within the mitigation plan. TNC anticipates submitting the draft SDP in 2026. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

PO-10 Potomac River (Walnut Hill)

The purpose of this project is to conduct stream mitigation along tributaries to the Potomac River in Westmoreland County. The property is in private ownership and will be protected with a conservation easement.

The site contains approximately 18,000 linear feet of stream channel, 13 acres of an open water impoundment and approximately 33 acres of non-tidal wetlands. The northern portion of the property is currently unimproved and partially wooded, with several streams and associated tributaries that traverse the property flowing towards Bundy's Swamp. The largest of the streams on-site flows west to east through a large recreational pond. The majority of the wetlands are located in the forested floodplains of Walnut Hill Run and Bundy's Swamp. Approximately 40 acres of the property was timbered in the Spring of 2015, and the primary land use is recreation. The southern portion of the site is currently used primarily for agriculture. Due to current and historic land use practices in the surrounding watershed, some of the on-site streams have become incised and are prime candidates for restoration.

A variety of design techniques are proposed for the stream restoration activities. The primary stream restoration activity involves the removal of the impoundment and ponded area along Walnut Hill Run. In addition to the impoundment removal, two upstream reaches along Walnut Hill Run will be restored through installation of engineered log jams (ELJ) and beaver dam analogs (BDAs). Two gullies at the headwaters of Bundy Swamp will also be restored through arresting the headcut migration by adding imbricated cascades to transition grade, raise the water level, and add channel roughness. Cattle exclusion fencing will be also added along these reaches. INU species management will occur throughout the preservation and re-establishment areas. The project is expected to generate approximately 13,840 USM stream credits. No wetland credit is proposed.

The Conservancy submitted the proposal in September 2022 and received the IEL in December 2022. An initial funding plan was submitted in October 2022 and was approved in February 2023. Also in 2023, a follow-up IEL was received, and the delineation was confirmed. The Conservancy submitted the site development plan in January 2024 and the SDP was signed in July 2025. The final funding plan was approved in August 2025. The final mitigation work plan was submitted in October 2025 and is pending IRT approval. TNC anticipates proceeding with construction in early 2026, following IRT approval of the final mitigation work plan and acquisition of permits. This project is being managed through a full delivery contract. All aspects of the project through the monitoring and delivery of credits will be handled under this contract. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

Rappahannock River Basin

The Rappahannock River Basin is comprised of two HUCs (02080103 and 02080104) encompassing the headwaters of the Rappahannock and Rapidan rivers east to the Chesapeake Bay. This basin is located within both the Conservancy's Piedmont and Chesapeake Bay Lowlands ecoregions. Conservation targets include small, Blue Ridge foothill streams and inner Piedmont streams, tributaries, and rivers, anadromous fishes, freshwater mussels, seepage wetlands, tidal freshwater system, migratory land birds and raptors, Coastal Plain mixed pine-hardwood forest matrix, Piedmont forest matrix, and calcareous forest.

The projects discussed in this section serve as mitigation for permitted impacts within the Rappahannock River Basin for which the Program was used as compensatory mitigation. Complete project descriptions for projects approved prior to 2025 may be found in the earlier reports as indicated. Updates are given for each project as applicable. In 2025, construction was completed on one site – RP-15.

Table 30: Non-Tidal Wetland Project Summary for the Rappahannock Basin

Project Information		NT Wetland (Ac)			Upland (Ac)		Mitigation Acres	Proposed Credits	Completed Credits	Released Credits	Total Credits	Additional Protected (ac)
Project ID	Status	Rest/Cr	Pres	Enh	Rest	Pres						
RP-4*	C	0.00	394.92	0.00	0.00	0.00	394.92	-	-	0.00	0.00	Reported under the streams summary
RP-5	C	0.00	0.67	0.00	0.00	4.23	4.90	-	-	0.28	0.28	0.00
RP-8	C	0.00	11.49	0.00	0.00	8.31	19.80	-	-	1.56	1.56	56.30
RP-9	C	0.00	7.60	0.00	0.00	14.00	21.60	-	-	1.20	1.20	53.00
RP-10	C	0.00	7.30	0.00	0.00	25.50	32.80	-	-	2.85	2.85	54.60
RP-11	C	17.15	5.16	0.60	8.46	2.92	34.29	-	-	18.62	18.62	20.48
RP-12	C	2.92	0.00	0.00	0.00	0.00	2.92	-	-	2.92	2.92	0.00
RP-15*	M	0.00	0.00	12.36	16.20	0.00	28.56	-	4.10	1.37	5.47	Reported under the USM summary
Sub-totals		**20.07**	**427.14**	**12.96**	**24.66**	**54.96**	**539.79**	**0.00**	**4.10**	**28.80**	**32.90**	**184.38**

Total Acres of Non-Tidal Impacts	**17.27**
Total Mitigation Liability	**32.19**
Total Proposed Credits	**0.00**
Percent of Wetland Acreage Replacement	**116.2**
Total Released Credits	**28.80**
Total Remaining Credits to be Released	**4.10**

*Project includes stream or tidal wetland mitigation

P - Planning / site development review
I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring
C - Closed
CR - Pending credit release
PC - Pending project closure

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

Table 31: Tidal Wetland Project Summary for the Rappahannock River Basin

Project Information		Tidal	Tidal	Tidal	Upland Buffer	Mitigation Acres	Proposed Credits	Completed Credits	Released Credits	Total Credits	Additional Protected (ac)
Project ID	Status	Rest	Enh	Pres	Pres						
RP-1	C	0.00	80.00	0.00	0.00	80.00	0.00	1.60	1.60	3.20	0.00
Sub-totals		**0.00**	**80.00**	**0.00**	**0.00**	**80.00**	**0.00**	**1.60**	**1.60**	**3.20**	0.00
Total Acres of Tidal Impacts			**0.07**								
Total Mitigation Liability			**0.07**								
Total Proposed Credits			**0**								
Percent of Wetland Acreage Replac			**0**								
Total Released Credits			**1.6**								

P - Planning / site development review
I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring
C - Closed
CR - Pending credit release
PC - Pending project closure

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

The stream table below describes all stream activity that does not generate credits including pre-USM activity.

Table 32: Stream Activity Summary for the Rappahannock River Basin

Project ID	Project Status	Stream Mitigation Area (ac)	Channel Length in Mitigation Area (lf)	Mitigation Activity Description	Additional Protected (ac)
RP-2	C	28.00	7,742	Riparian buffer planting (approximately 100 to 300 feet wide) along both banks of 2,000 lf of stream channel. Livestock exclusion fencing installed to protect 7,742 lf of unnamed tributaries to Mountain Run and a pond.	0.00
RP-3	C	NA	NA	Installed an Alaskan steep-pass structure in White Oak Run to allow the migration of anadromous fishes.	NA
RP-4+*	C	1,113	309,621	Riparian buffer preservation along 63,722 lf of the Rappahannock River, 56,509 lf of the Rapidan River, and 189,390 lf of tributaries to the two rivers. Protected buffers are 100 foot wide predominantly mature woodlands. Funding for this project is both pre-USM and USM.	2,765
	Totals	**1,141**	**317,363**		**2,765**
Total Impacts (lf)		**10,771**		*Project includes wetland mitigation	

P - Planning / site development review
I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring
C - Closed
CR - Pending credit release
PC - Pending project closure

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

+Project includes pre-USM and USM funding

Table 33: USM Stream Summary for the Rappahannock River

Project Information		Stream Activity (lf)			Upland Buffer (ac)		Mitigation (ac)	Total Channel Length (lf)	Proposed Credits	Completed Credits	Released Credits	Total Credits	Additional Protected (ac)
Project ID	Status	Rest/Enh	Pres	Livestock Exclusion	Rest	Pres							
RP-4*+	C	0	46,236	0	0.00	211.00	211.00	46,236	0	0	6805	6,805	Reported under the streams summary
RP-15*	M	3,216	4,107	7,323	33.54	0.00	33.54	7,323	0	4441	3197	7,638	54.90
Sub-totals		**3,216**	**50,343**	**7,323**	**33.54**	**211.00**	**244.54**	**53,559**	**0**	**4,441**	**10,002**	**14,443**	**54.90**

Total Impacts	**12,461**	
Total Compensation Required	**11,772**	+Project includes pre-USM and USM funding
Total Proposed Credits	**-3,197**	
Total Released Credits	**10,002**	*Project includes wetland mitigation

P - Planning / site development review	I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring	C - Closed
CR - Pending credit release	PC - Pending project closure

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

RP-1 Rappahannock River Phragmites Control

This project was officially closed in 2007. Please reference the 2007 Annual Report for details on this project.

RP-2 Linden Farm

This project was officially closed in 2008. Please reference the 2008 Annual Report for details on this project.

RP-3 Rappahannock River Fish Passage

This project was officially closed in 2007. Please reference the 2007 Annual Report for details on this project.

RP-4 Upper Rappahannock (City of Fredericksburg)

This project was officially closed in 2023. Please reference the 2023 Annual Report for details on this project.

RP-5 Rappahannock River (Wellford)

This project was officially closed in 2023. Please reference the 2023 Annual Report for details on this project.

RP-6 Rapidan River Site

This project was officially closed in 2007. Please reference the 2007 Annual Report for details on this project.

RP-7 Upper Rappahannock Forest Block Site

This project was officially closed in 2009. Please reference the 2009 Annual Report for details on this project.

RP-8 Upper Rappahannock Forest Block (Collawn, R.)

This project was officially closed in 2009. Please reference the 2009 Annual Report for details on this project.

RP-9 Rappahannock River (Rose)

This project was officially closed in 2009. Please reference the 2009 Annual Report for details on this project.

RP-10 Rappahannock River (Rose II)
This project was officially closed in 2009. Please reference the 2009 Annual Report for details on this project.

RP-11 Mountain Run (EBX)
This project was officially closed in 2023. Please reference the 2023 Annual Report for details on this project.

RP-12 Rappahannock River (Norman's Ford – Jamie Craig)
This project was officially closed in 2008. Please reference the 2008 Annual Report for details on this project.

RP-13 Rappahannock River Site
This project was officially closed in 2011. Please reference the 2011 Annual Report for details on this project.

RP-15 Hazel River (Adduci)
The purpose of this project is to conduct stream and wetland mitigation on a property along the Hazel River in Culpeper County. The Conservancy submitted a proposal for the project in June 2018 and the Initial Evaluation Letter (IEL) was provided by the Corps on October 18, 2018. The Conservancy purchased the 117-acre property in December 2018.

The property was in agricultural use for many years used to pasture cattle. The cattle had access to all waterways on the property. Portions of the tributaries on the property exhibited significant streambank erosion and instability, an inappropriate and unstable pattern, and a lack of suitable habitat features and riffle-pool complexes. The floodplain consisted of heavily grazed pasture with minimal woody vegetation. Several invasive species had been documented in the buffer area. The floodplain also contains 12.39 acres of non-tidal emergent wetlands. Cattle access and grazing activities had degraded wetland quality, and native wetland vegetation has been displaced by pasture grasses.

Mitigation activities include livestock exclusion, stream restoration, stream preservation, wetland enhancement, and buffer re-establishment along approximately 4,107 linear feet of Hazel River and 3,265 linear feet of tributaries to Hazel River. The initial site delineation was confirmed in December 2019. An existing conditions and feasibility assessment were also completed in December 2019. The preliminary design was completed in September 2020. The Conservancy submitted a proposal in February 2021 to expand the project to include wetland mitigation. The IEL for the addition of wetlands was received in December 2021. The site development plan was submitted in September 2021 and signed in September 2024. The post-SDP funding plan was also approved in September 2024. The final mitigation work plan was approved in October 2024 and construction began in December 2024 and was completed in March 2025. The as-built survey was submitted in July 2025 and approved in November 2025. The Conservancy submitted a Site Management Plan (protection document) in May 2025 which was approved in July 2025. A release of 3,197 USM and 1.37 non-tidal wetland credits was approved in November 2025. The project is expected to generate 7,638 USM credits and 5.47 non-tidal wetland credits. Year 1 monitoring for stream

and NTW was completed in 2025. A credit release request for Year 1 monitoring was submitted in December 2025 and is pending IRT approval. Supplemental planting is scheduled for early 2026 to meet woody stem density in the wetland and buffer restoration areas. Corrective action was conducted in October 2025 to address erosion at one of the installed in-stream structures. Invasive species management is ongoing and will continue to ensure site success. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

Roanoke River Basin

The Roanoke River Basin is comprised of seven HUCs (03010101, 03010102, 03010103, 03010104, 03010105, 03010106 and 0304010) encompassing the Roanoke headwaters and the Dan River draining south into North Carolina. This basin is located within both the Conservancy's Piedmont and Central Appalachian Forest ecoregions. Conservation targets include Ridge and Valley rivers, calcareous seeps/fens, basic mesic forests, acidic oak pine forests, calcareous woodlands/forests, and warm water fish communities including orangefin madtom, Roanoke hogsucker, bigeye jumprock, Roanoke logperch and riverweed darter.

The projects discussed in this section serve as mitigation for permitted impacts within the Roanoke River Basin for which the Program was used as compensatory mitigation. Complete project descriptions for projects approved prior to 2025 may be found in earlier reports as indicated below. One project was closed in 2025 – RO-3. Updates are given for each project as applicable.

Table 34: Non-Tidal Wetland Project Summary for the Roanoke River Basin

Project Information		NT Wetland (Ac)			Upland (Ac)		Mitigation Acres	Proposed Credits	Completed Credits	Released Credits	Total Credits	Additional Protected (ac)
Project ID	Status	Rest/Cr	Pres	Enh	Rest	Pres						
RO-3*	C	3.91	4.65	0.42	3.08	3.72	15.78	0.00	0.00	5.17	5.17	0.00
RO-9*	M	5.57	0.00	7.35	7.29	0.00	20.21	0.00	4.58	4.08	8.66	0.00
RO-11	C	6.00	0.00	0.00	0.00	0.00	6.00	0.00	6.00	6.00	12.00	0.00
RO-12*	P	6.00	0.00	0.00	8.70	0.00	14.70	7.06	0.00	0.00	7.06	Reported under the USM summary
Sub-totals		**21.48**	**4.65**	**7.77**	**19.07**	**3.72**	**56.69**	**7.06**	**10.58**	**15.25**	**32.89**	**0.00**
Total Acres of Non-tidal Impacts				**14.86**								
Total Mitigation Liability				**24.80**								
Total Proposed Credits				**7.06**								
Percent of Wetland Acreage Replace				**144.58**								
Total Released Credits				**15.25**			*Project includes stream or tidal wetland mitigation					

P - Planning / site development review
I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring
C - Closed
CR - Pending credit release
PC - Pending project closure

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

The stream table below describes all stream activity that does not generate credits including pre-USM activity.

Table 35: Stream Activity Summary for the Roanoke River Basin

Project ID	Project Status	Stream Mitigation Area (ac)	Channel Length in Mitigation Area (lf)	Mitigation Activity Description	Additional Protected (ac)
RO-1	C	36.50	5,220	Riparian buffer preservation along 2,379 lf of the right bank of Little Stony Creek with an existing mature wooded buffer width of 200 feet. Within this reach, riparian buffer preservation along 659 lf of the left bank with an existing mature wooded buffer width of primarily 125 feet. Stream system preservation along both banks of 2,841 lf of three unnamed tributaries to Little Stony Creek with an existing mature wooded buffer width of 200 feet (except for several areas of a minimum 125 foot buffer).	16.50
RO-2	C	3.96	788	Riparian buffer preservation along 788 lf of the right bank of Little Stony Creek with an existing mature wooded buffer width of 200 feet. Within this reach, riparian buffer preservation along 300 lf of the left bank with an existing mature wooded buffer width of 50 feet.	9.79
RO-3*	C	11.30	3,481	Stream restoration along 3,150 lf of the South Fork of the Goose Creek, preservation of 331 lf of South Fork Goose Creek and tributaries, and riparian buffer restoration and preservation along the	0.00
RO-5	C	102.90	13,022	Riparian buffer preservation along 13,022 lf of Dry Branch and tributaries. Invasive species removal and reforestation along 800 lf of Dry Branch.	461.10
Totals		**154.66**	**22,511**		**487.39**
Total Impacts (lf)		**4,635**		*Project includes wetland mitigation	
P - Planning / site development review				I - Restoration/Enhancement/Creation activities in progress	
M - Mitigation monitoring				C - Closed	
CR - Pending credit release				PC - Pending project closure	
Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).					

Table 36: USM Stream Summary for the Roanoke River Basin

Project Information		Stream Activity (lf)			Upland Buffer (ac)		Mitigation (ac)	Proposed Credits	Completed Credits[1]	Released Credits	Total Credits	Additional Protected (ac)
Project ID	Status	Rest/Enh	Pres	Livestock	Rest	Pres						
RO-6	C	0	6,747	0	13.80	50.20	178.00	0	0	2,367	2,367	44.00
RO-7	C	2,500	0	0	0.00	0.00	0.00	0	0	2,500	2,500	0.00
RO-9*	M	5,852	0	5,081	15.80	0.00	15.80	0	4,054	6,177	10,231	0.00
RO-12*	P	3,030	1,939	3,030	13.30	14.30	27.60	5,420	0	0	5,420	61.51
Totals		**11,382**	**8,686**	**8,111**	**42.90**	**64.50**	**221.40**	**5,420**	**4,054**	**11,044**	**20,518**	**105.51**
Total Impacts				**15,267**								
Total Compensation Required				**14,867**			+Project includes pre-USM and USM funding					
Total Proposed + Completed Credits				**9,474**								
Total Released Credits				**11,044**			*Project includes wetland mitigation					

P - Planning / site development review
I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring
C - Closed
CR - Pending credit release
PC - Pending project closure

[1]Completed Credits are credits that have already been established, but are pending monitoring release or agency approval.

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

RO-1 Apple Orchard Mountain (Edwards)

This project was officially closed in 2008. Please reference the 2008 Annual Report for details on this project.

RO-2 Apple Orchard Mountain (City of Bedford)

This project was officially closed in 2008. Please reference the 2008 Annual Report for details on this project.

RO-3 Goose Creek-Roanoke (Bedford County)

Please reference the 2008 Annual Report for additional details on this project.

The purpose of this project is to conduct non-tidal wetland and stream mitigation at Montvale Park in Bedford County. The project is proceeding under the guidance of the project and budget approval letters provided by the Corps on February 22, 2007, February 8, 2008, and December 16, 2008. The project generated approximately 4 acres of wetland restoration/creation, 0.4 acres of wetland enhancement, 5 acres of wetland preservation, and restoration and preservation of the associated wetland buffer areas. The project also generated 3,150 linear feet of stream restoration.

Stream and wetland restoration construction was completed in August 2010. Soon after construction completion, the restored stream suffered damage following a storm in September 2010. Repairs were completed and the site was planted in early 2013. Supplemental planting was completed in 2014, 2015, and 2016 to increase density where needed. Minor stream maintenance was also completed in 2016, 2018, and 2020. Additional supplemental planting was conducted in 2017, 2018, and 2020 in locations where streambank maintenance was conducted, and in 2017 to replace stream buffer plantings impacted by storm events in 2016. Invasive species control has been ongoing and continued through 2022. Beaver have been noted on the site and management began in late 2017. Year 10 monitoring was conducted in 2022. A wetland credit release request was submitted in February 2020 and was approved in August 2022. A final credit release request was submitted in August 2023 and approved in November 2023. The project did not utilize USM stream funding, so it does not generate USM credit. The Conservancy submitted the closure

request in June 2024 and IRT comments were received in October 2024. The revised closure request was submitted in November 2024 and was approved in May 2025. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

RO-4 Turkeycock Mountain (Grassy Fork site)
This project was officially closed in 2016. Please reference the 2016 Annual Report for details on this project.

RO-5 Poor Mountain (Sanzone)
This project was officially closed in 2018. Please reference the 2008 and 2017 Annual Reports for additional details on this project.

RO-6 Roanoke Headwaters (Blake)
This project was officially closed in 2022. Please reference the 2022 Annual Report for details on this project.

RO-7 Turkeycock Mountain (Roanoke Stream Credit Purchase)
This project was officially closed in 2017. Please reference the 2013 and 2017 Annual Reports for additional details on this project.

RO-8 Roanoke River Site
This project was officially closed in 2018. Please reference the 2016 and 2017 Annual Reports for additional details on this project.

RO-9 Bluestone Creek (Tate)
Please reference the 2017 Annual Report for additional details on this project.

The purpose of this project is to conduct stream and wetland mitigation on a 17-acre property in Charlotte County, VA. The property contains frontage on an unnamed tributary to Tanyard Branch, which drains to Bluestone Creek, a TNC aquatic portfolio waterway.

Mitigation activities include removal of livestock, stream restoration, wetland creation and enhancement, and buffer restoration. The project is expected to generate 10,231 USM credits and 8.66 non-tidal wetland credits. The Conservancy submitted a pre-application for Phase I of the project in July 2017 and submitted the proposal in August 2018. The Initial Evaluation Letter (IEL) was received on December 11, 2018. The initial site delineation was confirmed by the Corps in December 2019 and the preliminary design was completed in February 2020. The site development plan for Phase I was submitted in September 2020 and signed in October 2023. To account for increased mitigation need in this basin, the Conservancy submitted a proposal to add Phase II to the project to expand the stream and wetland mitigation activities in March 2022. A delineation covering the Phase II project area was confirmed by the Corps in November 2022. The Conservancy submitted the SDP for Phase II in August 2022 and the SDP was signed in October 2023. The final mitigation work plan was also submitted and approved in August 2023. Construction began in November 2023 and was completed in early 2024. The post-SDP funding plan was also approved in early 2024. Year 2 monitoring was completed in 2025. Credit release requests associated with

initial release, construction, and monitoring success were also submitted in 2024 and approved in February 2025. A credit release request for Year 2 monitoring was submitted in December 2025 and is pending IRT approval. This project is being managed through a full delivery contract. All aspects of the project through the monitoring and delivery of credits will be handled under this contract. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

RO-10 Big Otter Creek Site
Project did not move forward past Proposal stage. No additional reporting for this project is provided.

RO-11 Roanoke River Bannister Bend
This project was officially closed in 2022. Please reference the 2022 Annual Report for details on this project.

RO-12 Goose Creek (Vaughan)
The purpose of this project is to conduct stream and wetland mitigation on a property in Bedford County. The Conservancy submitted a proposal for the project in April 2024. The first Initial Evaluation Letter (IEL) was provided by the Corps on October 8, 2024, and the second IEL was provided on December 3, 2024. The initial funding approval was also received on December 3, 2024. The Conservancy closed on acquisition of the 89-acre property in January 2025.

The property has been in agricultural use for many years and is currently used to pasture cattle. The cattle have access to all waterways on the property. Portions of the tributaries on the property exhibit significant streambank erosion and instability, an inappropriate and unstable pattern, and a lack of suitable habitat features and riffle-pool complexes. The floodplain consists of heavily grazed pasture with minimal woody vegetation. Mitigation activities include livestock exclusion, stream restoration, stream preservation, wetland restoration/creation, and buffer re-establishment and preservation along approximately 4,969 linear feet of tributaries to Goose Creek. Livestock will be excluded from all stream reaches on the site. Streams will be restored or enhanced using natural channel design techniques to re-establish an appropriate and stable dimension, pattern, and profile. Based on initial assessments, the property also has the potential to generate up to 6 acres of wetland restoration/creation. Restoration of wetland hydrology would include grading in addition to stream restoration which would reconnect the streams to the floodplain and raise groundwater levels. Wetlands and buffer areas would also be managed for invasive species and planted with native vegetation. The extent of restoration and enhancement will be defined following further assessment and design work.

The property is adjacent to SWMP's RO-3 Goose Creek (Montvale) project, which is a public park (Montvale Park). The Montvale project includes extensive stream, wetland, and buffer restoration activities, and was administratively closed in 2025. The waterways on the RO-12 site drain directly to the Montvale project, providing an opportunity to expand the benefits of the ecological improvements made by the program on the Montvale project.

The Conservancy will move forward with site assessment and delineation, preliminary

design, and development of the Site Development Plan for the project in 2026. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

Shenandoah River Basin

The Shenandoah River Basin is comprised of four HUCs (02070004, 02070005, 02070006, and 02070007) encompassing the headwaters of the Shenandoah River to the Potomac River. This basin is located within the Conservancy's Central Appalachian Forest Ecoregion. Conservation targets include Blue Ridge stream and tributaries, Central Appalachian mixed hardwood forest matrix, cave invertebrate communities, endangered wood turtles, freshwater mussels, and sportfish and nongame fish populations.

The projects discussed in this section serve as mitigation for permitted impacts within the Shenandoah River Basin for which the Program was used as compensatory mitigation. Complete project descriptions for projects approved prior to 2025 may be found in earlier reports as indicated below. Updates are given for each project as applicable. One new project was proposed in 2025.

Table 37: Non-Tidal Wetland Project Summary for the Shenandoah River Basin

Project Information		NT Wetland (Ac)			Upland (Ac)		Mitigation Acres	Proposed Credits	Completed Credits[1]	Released Credits	Total Credits	Additional Protected (ac)
Project ID	Status	Rest/Cr	Pres	Enh	Rest	Pres						
SH-3 / UJ-3*	C	0.00	18.00	0.00	0.00	0.00	18.00	0.00	0.00	1.49	1.49	Reported under the stream summary
SH-4	C	10.42	0.00	0.00	0.00	7.26	17.68	0.00	0.00	11.19	11.19	0.72
SH-7*	PC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Reported under the USM summary
SH-8*	P	31.57	0.00	0.00	28.50	0.00	60.07	35.64	0.00	0.00	35.64	19.00
SH-9*	P	0.00	4.09	0.00	0.00	43.98	48.07	2.74	0.00	0.00	2.74	0.00
Sub-totals		**41.99**	**22.09**	**0.00**	**28.50**	**51.24**	**143.82**	**38.38**	**0.00**	**12.68**	**51.06**	**19.72**

Total Acres of Non-Tidal Impacts	**17.75**
Total Mitigation Liability	**22.44**
Total Proposed + Completed Credits	**38.38**
Percent of Wetland Acreage Replacement	**236.5**
Total Released Credits	**12.68**

*Project includes stream or tidal wetland mitigation

P - Planning / site development review
I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring
C - Closed
CR - Pending credit release
PC - Pending project closure

[1]Completed Credits are credits that have already been established, but are pending monitoring release or agency approval.

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

The stream table below describes all stream activity that does not generate credits including pre-USM activity.

Table 38: Stream Activity Summary for the Shenandoah River Basin

Project ID	Project Status	Stream Mitigation Area (ac)	Channel Length in Mitigation Area (lf)	Mitigation Activity Description	Additional Protected (ac)
SH-1	C	16.10	1,745	Livestock exclusion and riparian buffer planting 200 feet wide along each bank of 1,745 linear feet of Buffalo Marsh Run. Channel banks along this reach stabilized with live stakes.	94.00
SH-2+	C	9.95	3,973	Restoration, enhancement, and preservation of 3,973 linear feet of Blacks Run, Seibert Creek, and an unnamed tributary. Riparian buffer planting ranging from 20 to 200 feet wide along both banks of Blacks Run, 20 to 80 feet wide along both banks of Seibert Creek, and 50 to 110 feet wide along both banks of the unnamed tributary. Funding for this project is both pre-USM and USM.	0.00
SH-3 / UJ-3*	C	482.60	32,223	Riparian buffer preservation along 13,144 lf of the both banks of Laurel Fork, and along left bank of 3,847 lf of Collins Run, and along both banks of 4,563 lf of Buck Creek. Stream system preservation along both banks of 8397 lf of three unnamed tributaries to Laurel Fork; both banks of 2255 lf of an unnamed tributary to Laurel Fork; both banks of 6108 lf of Blights Run; and both banks of 3,046 lf of two unnamed tributaries to Buck Creek.	1076.00
Totals		**508.65**	**37,941**		**1170.00**
Total Impacts:		**12,128 lf**			

P - Planning / site development review
I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring
C - Closed
CR - Pending credit release
PC - Pending project closure

+Project includes pre-USM and USM funding
*Project includes wetland mitigation

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

Table 39: USM Stream Summary for the Shenandoah River Basin

Project Information		Stream Activity (lf)			Upland Buffer (Ac)		Mitigation	Proposed	Completed	Released	Total	Additional
Project ID	Status	Rest/Enh	Pres	Livestock	Rest	Pres	(ac)	Credits	Credits[1]	Credits	Credits	Protected (ac)
SH-2+	C	1,040	0	0	2.77	0.00	2.77	0	0	1,331	1,331	0.00
SH-5	C	0	1,465	0	0.00	10.85	10.85	0	0	483	483	9.74
SH-6	P	1,400	7,619	9,019	51.94	0.00	51.94	6,699	0	0	6,699	82.16
SH-7*	PC	0	0	0	0.00	0.00	0.00	0	0	0	0	0.00
SH-8*	P	7,351	0	7,351	25.42	0.61	26.03	11,946	0	0	11,946	reported under NTW
SH-9*	P	0	4,800	0	0.00	0.00	4.36	85	0	0	85	0.00
Totals		**9,791**	**13,884**	**16,370**	**80.13**	**11.46**	**95.95**	**18,730**	**0**	**1,814**	**20,544**	**91.90**
Total Impacts					**13,272**							
Total Compensation Required					**12,387**							
Total Proposed + Completed Credits					**18,730**							
Total Released Credits					**1,814**							

*Project includes wetland mitigation
+Project includes pre-USM and USM funding

P - Planning / site development review
I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring
C - Closed
CR - Pending credit release
PC - Pending project closure

[1]Completed Credits are credits that have already been established, but are pending monitoring release or agency approval.

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

SH-1 Cedar Creek (Mowery)

This project was officially closed in 2020. Please reference the 2020 Annual Report for details on this project.

SH-2 Blacks Run (City of Harrisonburg)

This project was officially closed in 2020. Please reference the 2020 Annual Report for details on this project.

SH-3/UJ-3 Laurel Fork (Rifle Ridge Farm, LLC)
This project was officially closed in 2009. Please reference the 2007 and 2009 Annual Reports for additional details on this project.

SH-4 Shenandoah Mountain/Cow Knob (Smith)
This project was officially closed in 2023. Please reference the 2023 Annual Report for details on this project.

SH-5 Cedar Creek (Swartz)
This project was officially closed in 2018. Please reference the 2008 and 2017 Annual Reports for additional details on this project.

SH-6 Shenandoah River (Cedar Creek)
Please reference the 2014 Annual Report for additional details on this project.

The purpose of this project is to conduct stream restoration and preservation, livestock exclusion, and riparian buffer restoration along Cedar Creek and unnamed tributaries in Warren County. The initial evaluation letters (IELs) were provided by the Corps on February 4, 2014, and October 9, 2019. The initial proposal was for stream mitigation activities. The Conservancy submitted a proposal to add wetland mitigation to the project in April 2019, which was approved in October 2019. However, following additional coordination with the regulatory agencies, the proposed wetland mitigation area was removed from the project due to historic resource concerns. The property is owned by the Shenandoah Valley Battlefields Foundation and the mitigation area was protected with a conservation easement recorded in June 2015.

A surface water delineation was confirmed in September 2014 and updated and re-confirmed in 2019. Pre-planting invasive species management began in 2015, and invasive species management will continue as needed to ensure site success. The Conservancy submitted the site development plan for the project in August 2016 and the SDP was signed in September 2024. A funding plan for the site was approved in December 2022. The post-SDP funding plan was also approved in September 2024. The final mitigation work plan was submitted in November 2024 and approved in April 2025. The Conservancy anticipates construction will begin in early 2026. Year 1 monitoring is anticipated to be completed in 2027. The project is expected to generate 6,699 USM stream credits. No credits have been released to date. The Conservancy anticipates submitting a request for release of initial credits in early 2026. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

SH-7 South Fork Shenandoah River site
The purpose of this project was to conduct stream and wetland mitigation along Goose Creek and tributaries in Augusta County. Prior to submission of the SDP, the project was withdrawn and did not move forward. A request to close the project will be submitted in 2026. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

SH-8 Southern Shenandoah (Mt. Sidney Properties LLC)
The purpose of this project is to conduct stream and wetland mitigation on a property in Augusta County. The Conservancy submitted a proposal for the project in November 2024. The Initial Evaluation Letter (IEL) was provided by the Corps on May 20, 2025. The initial funding approval was also received in May 2025. The Conservancy closed on acquisition of the 112-acre property in June 2025.

The property has been in agricultural use for many years and is currently used to pasture cattle. The cattle have access to all waterways on the property. Portions of the tributaries on the property exhibit significant streambank erosion and instability, an inappropriate and unstable pattern, and a lack of suitable habitat features and riffle-pool complexes. The floodplain consists of heavily grazed pasture with minimal woody vegetation. The property contains significant extents of mapped hydric soils with evidence of ditches and berms, likely resulting from previous grading activities used to move water off the pasture.

Mitigation activities will include livestock exclusion, wetland and stream restoration, buffer restoration, and buffer preservation along approximately 7,351 linear feet of tributaries to the Middle River. Livestock will be excluded from all stream reaches on the site. Streams will be restored or enhanced using natural channel design techniques to re-establish an appropriate and stable dimension, pattern, and profile. Wetland restoration activities will include restoring the available surface hydrology by regrading of ditches, removing berms, and excavation if needed. Restoration of wetland hydrology will also be accomplished through stream restoration which would reconnect the streams to the floodplain and raise groundwater levels. Wetlands and buffer areas will also be managed for invasive species and planted with native vegetation. The extent of restoration and enhancement will be defined following further assessment and design work.

The Conservancy will move forward with site assessment and delineation, preliminary design, and development of the Site Development Plan for the project in 2026. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

SH-9 Laurel Fork site
The purpose of this project is to conduct stream and wetland preservation, and stream and wetland buffer preservation along Collins Run and tributaries in Highland County. The mitigation site is approximately 54 acres. A pre-application was submitted in August 2025. A proposal was submitted in October 2025, and a revised proposal was submitted in December 2025, and is pending IRT approval. The project was put on public notice in December 2025. The project is anticipated to generate 2.74 NTW credits and 85 USM credits. An initial funding plan was submitted in December 2025 and is pending IRT approval. A delineation was conducted in October 2025 and will be submitted for approval in 2026. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

Tennessee River Basin

The Tennessee River Basin is comprised of four HUCs (06010205, 06010206, 06010101, and 06010102) encompassing the headwaters of the Clinch, Holston, and Powell Rivers draining south into Tennessee. This basin is located within the Conservancy's Cumberland and Southern Ridge Valley Ecoregion. Conservation targets include endemic mussels and associated assemblages, Appalachian bogs, fens and seeps, Southern Appalachian Forest matrix, upper Tennessee fish community, bats, karst communities, calcareous river-fronting slope communities and limestone and dolomite barrens.

The projects discussed in this section serve as mitigation for impacts within the Tennessee River Basin for which the Program was used as compensatory mitigation. Complete project descriptions for projects approved prior to 2025 may be found in earlier reports as indicated below. One project was closed in 2025 – TN-8. Updates are given for each project as applicable.

Table 40: Non-Tidal Wetland Project Summary for the Tennessee River Basin

Project Information		NT Wetland (Ac)			Upland (Ac)		Mitigation	Proposed	Completed Credits[1]	Released Credits	Total Credits	Additional Protected (ac)
Project ID	Status	Rest/Cr	Pres	Enh	Rest	Pres						
TN-3	C	0.00	0.00	4.01	0.00	2.11	6.12	0.00	0.00	1.44	1.44	0.00
TN-8	C	16.59	0.00	6.34	13.11	0.00	36.04	0.00	0.00	21.23	21.23	0.00
TN-13	PC	8.78	0.00	0.00	0.00	0.00	8.78	0.00	0.00	8.78	8.78	0.00
Sub-totals		**25.37**	**0.00**	**10.35**	**13.11**	**2.11**	**50.94**	**0.00**	**0.00**	**31.45**	**31.45**	**0.00**
Total Acres of Non-tidal Impacts				**22.23**								
Total Mitigation Liability				**31.44**								
Total Proposed + Completed Credits				**0.00**								
Percent of Wetland Acreage Replacement				**114.13**								
Total Released Credits				**31.45**								

P - Planning / site development review
I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring
C - Closed
CR - Pending credit release
PC - Pending project closure

[1]Completed Credits are credits that have already been established, but are pending monitoring release or agency approval.

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

The stream table below describes all stream activity that does not generate credits including pre-USM activity.

Table 41: Stream Activity Summary for the Tennessee River Basin

Project ID	Project Status	Stream Mitigation Area (ac)	Channel Length in Mitigation Area (lf)	Mitigation Activity Description	Additional Protected (ac)
TN-1	C	15.50	6,000	Riparian buffer preservation of 4,000 lf along the right bank of the Clinch River and 2,000 lf along both banks of Cub Creek with an existing mature wooded buffer ranging from 75 to 100 feet wide. Livestock exclusion fencing installed to protect the same reaches of the Clinch River and Cub Creek.	284.50
TN-2	C	6.00	1,590	Priority 1 relocation of 1,281 lf of Rattle Creek and preservation of 309 lf. Riparian buffer planting ranging from 35 to 250 feet along each bank for the length of the channel. Reconfiguration of an off-line pond and buffer plantings approximately 25 feet wide from the pond. Livestock exclusion fencing installed to protect 1,590 linear feet of the stream and the pond.	0.00
TN-5	C	13.70	3,201	Stream channel and riparian buffer preservation along 3,201 linear feet of the Clinch River. Riparian buffer preservation will include an existing forested buffer ranging from 130 to 200 feet wide.	14.59
TN-9	PC	10.01	2,455	Stream channel and riparian buffer preservation and enhancement along 2,455 linear feet of the Powell River and tributary. Riparian buffer preservation and enhancement will include a 200 foot buffer on the south bank of the Powell River and a 100 foot buffer along both banks of the tributary.	28.99
TN-10*	PC	34.22	8,272	Livestock exclusion, stream channel and riparian buffer preservation and enhancement along 8,272 linear feet of the Powell River and Hardy Creek. Riparian buffer preservation and enhancement will include a 200 foot buffer on the Powell River and Hardy Creek.	Reported under USM summary
Totals		**79.43**	**21518**		**328.08**
Total Impacts (lf)		**5,332**		*Project includes pre-USM and USM funding	
P - Planning / site development review				I - Restoration/Enhancement/Creation activities in progress	
M - Mitigation monitoring				C - Closed	
CR - Pending credit release				PC - Pending project closure	
Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).					

Table 42: USM Stream Summary for the Tennessee River Basin

Project Information		Stream Activity (lf)			Upland Buffer (ac)		Mitigation (ac)	Proposed Credits	Completed Credits[1]	Released Credits	Total Credits	Additional Protected (ac)
Project ID	Status	Rest/Enh	Pres	Livestock	Rest	Pres						
TN-10+	PC	0	2,757	2,757	7.18	4.84	12.02	0	0	1,903	1,903	236.26
TN-11	PC	0	7,091	0	8.60	70.80	83.45	0	0	1,529	1,529	77.55
Totals		**0**	**9,848**	**2,757**	**15.78**	**75.64**	**95.47**	**0**	**0**	**3,432**	**3,432**	**313.81**
Total Impacts					**4,612**							
Total Compensation Required					**3,335**							
Total Proposed + Completed Credits					**0**							
Total Released Credits					**3,432**		+Project includes pre-USM and USM funding					

P - Planning / site development review
I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring
C - Closed
CR - Pending credit release
PC - Pending project closure

[1]Completed Credits are credits that have already been established, but are pending monitoring release or agency approval.

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

TN-1 Gray's Island (Holston Land Company)

This project was officially closed in 2007. Please reference the 2007 Annual Report for details on this project.

TN-2 Barns Chapel (Garry Smith Enterprises, Inc.)

This project was officially closed in 2018. Please reference the 2008 and 2017 Annual Reports for additional details on this project.

TN-3 Barns Chapel (Atwell)

This project was officially closed in 2007. Please reference the 2007 Annual Report for details on this project.

TN-4 Upper Clinch River Site

This project was officially closed in 2007. Please reference the 2007 Annual Report for details on this project.

TN-5 Pinnacle (Rich)

This project was officially closed in 2022. Please reference the 2022 Annual Report for details on this project.

TN-6 Rich Mountain Site

This project was officially closed in 2016. Please reference the 2016 Annual Report for details on this project.

TN-7 Upper Clinch River Site

This project was officially closed in 2011. Please reference the 2011 Annual Report for details on this project.

TN-8 North Fork Holston (KCI / Johnson & Waddle)

The purpose of this project is to complete a 31.9-acre wetland mitigation project on two tracts in Smyth County, Virginia. Funding for this project was approved by the Corps on August 11, 2010. This project was being managed through a full delivery contract. All aspects of the project through the monitoring and delivery of credits were handled under this contract.

The project consisted of wetland restoration, creation, and enhancement activities on properties owned by two separate landowners. The properties are located in close proximity to one another and adjacent to the North Fork Holston River, approximately 8.5 miles northeast of Saltville, Virginia. Combined, the project parcels encompass approximately 262 acres, much of which was dedicated to agriculture and pastureland. Wetland mitigation activities on the project parcels provided for wetland restoration/creation and enhancement of existing wetlands. An additional 100-foot upland buffer was established. The mitigation area has been placed under a conservation easement.

Land protection activities were finalized in January 2012, and the final mitigation plan was completed in June of 2012. Wetland restoration activities commenced in September of 2012 and were completed in December of 2012. Planting of woody vegetation was conducted in early 2013, prior to the growing season. A supplemental planting also occurred in early 2017.

Year 10 monitoring occurred in 2022. This project generated 21.23 credits. A final credit release was submitted and approved in 2024. A request to close the project was submitted in 2024 and approved in May 2025. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

TN-9 Cedars (Brooks)
Please reference the 2010 Annual Report for additional details on this project.

The purpose of this project is to conduct stream and riparian buffer preservation and stream buffer enhancement on a 42-acre property containing frontage on the Powell River and a tributary to the Powell River in Lee County. The project is proceeding under the guidance of the project and budget approval letters provided by the Corps on July 2, 2010. Buffer planting was completed in early 2011. The boundary of the mitigation site was updated in 2017 to reflect a boundary survey. The boundary update extended the buffer into the adjacent field. As a result, a supplemental planting was conducted in early 2017 to fill in this previously unplanted area.

Year 10 monitoring of the buffer enhancement area was conducted in 2020. Invasive species management was ongoing throughout the monitoring period. The project did not utilize USM stream funding, so it does not generate USM credit. The Conservancy submitted a Site Management Plan (protection document) and project closure request in August 2025, which are pending IRT approval. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

TN-10 Cedars (Bowen)
The purpose of this project is to conduct stream preservation, buffer enhancement, and livestock exclusion on Hardy Creek and the Powell River in Lee County, Virginia. The project is proceeding under the guidance of the site development plan signed in 2018. Mitigation activities include livestock exclusion, buffer preservation and buffer planting along the Powell River and Hardy Creek.

Livestock exclusion fencing was installed in early 2013 and buffer planting occurred in early 2017. Invasive species management began in 2013 and continued through 2023. The site

development plan was submitted in August 2015 and was signed in March 2018. Year 7 monitoring was conducted in 2023. This project was partially funded using USM funds and generated 1,903 USM credits, all of which have been released. The Conservancy submitted the final credit release request in January 2024 and the request was approved in July 2024. Approval for release from monitoring was also received in July 2024. The Conservancy will submit a request to close the project and transition to Long-Term Management in early 2026. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

TN-11 Pinnacle (Underwood)

The purpose of this mitigation site is to provide stream and riparian area preservation and enhancement on a site located adjacent to the Pinnacle Natural Area Preserve in Russell County, Virginia. The mitigation activities include buffer planting and preservation along the Clinch River and tributaries. The project is proceeding under the guidance of the site development plan signed in 2018.

The site development plan was submitted in February 2016 and was signed in October 2018. Invasive species management began in 2013 and continued through 2023. The buffer planting was completed in December 2016. Year 7 monitoring was conducted in 2023. This project generated 1,529 USM credits, all of which have been released. The Conservancy submitted the final credit release request in February 2024 and the request was approved in July 2024. Approval for release of monitoring was also received in July 2024. The Conservancy anticipates submitting a request to close the project and transition to long-term management in 2026. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

TN-12 South Fork Holston River site

This project did not proceed. Please reference the 2021 Annual Report for details on this project.

TN-13 Benges Creek Mitigation Bank Credit Purchase

The Conservancy released a request for proposals (RFP) in November 2018 for a non-tidal wetland mitigation project or non-tidal wetland credit purchase in the Tennessee River Basin. After thoughtful consideration of proposals, the Conservancy, with IRT support, submitted a request in April 2019 for approval to purchase wetland credits from the Benges Creek Wetland Mitigation Bank located in Scott County. The bank submitted a competitive proposal for credit purchase that would enable SWMP to offset most of the existing liabilities in a relatively short amount of time. The bank site also aligns with the SWMP Compensation Planning Framework priority areas. The purchase was approved by the IRT on March 31, 2020. The purchase of 2.94 non-tidal wetland credits was completed on September 14, 2020, following IRT approval of the bank's credit release. In 2023, the Conservancy purchased an additional 3.56 credits. A request to purchase additional non-tidal wetland credits to offset the remaining non-tidal wetland liability was submitted in December 2024 and approved in October 2025. The Conservancy anticipates submitting a request to close the project in 2026. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

York River Basin

The York River Basin is comprised of three HUCs (02080105, 02080106, and 02080107) encompassing the headwaters of the Mattaponi, Pamunkey and York rivers draining east into the Bay. This basin is located within both the Conservancy's Piedmont and Chesapeake Bay Lowland ecoregions. Conservation targets include tidal freshwater systems, small Piedmont streams and tributaries, bald cypress forests, anadromous fishes, migratory land birds and raptors, seepage wetlands, Coastal Plain mixed pine-hardwood forest matrix, and calcareous forests.

The projects discussed in this section serve as mitigation for permitted impacts within the York River Basin for which the Program was used as compensatory mitigation. Complete project descriptions for projects approved prior to 2025 may be found in earlier reports as indicated below. Updates are given for each project as applicable

Table 43: Non-Tidal Wetland Project Summary for the York River Basin

Project Information		NT Wetland (Ac)			Upland (Ac)		Mitigation	Proposed	Completed	Released	Total	Additional
Project ID	Status	Rest/Cr	Pres	Enh	Rest	Pres	Acres	Credits	Credits[1]	Credits	Credits	Protected (ac)
YK-1*	C	0.00	6.24	0.00	0.00	14.56	20.80	0.00	0.00	1.35	1.35	0.00
YK-2	C	68.77	24.66	1.50	32.08	42.65	169.66	0.00	0.00	79.64	79.64	32.97
YK-3*	C	0.00	2.11	0.00	0.00	2.15	4.26	0.00	0.00	0.32	0.32	34.32
CB-8/ YK-4*	CR	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.19
YK-5*	PC	-0.09	0.00	0.00	0.74	0.00	0.65	0.00	0.00	0.05	0.05	0.00
YK-6*	C	0.00	29.88	0.00	0.00	10.84	40.72	0.00	0.00	3.53	3.53	31.78
YK-7	C	0.00	0.00	0.00	0.00	18.00	18.00	0.00	0.00	0.90	0.90	0.00
YK-10	C	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	128.00
Sub-totals		**68.68**	**62.89**	**1.50**	**32.82**	**88.20**	**254.09**	**0.00**	**0.00**	**85.79**	**85.79**	**240.26**
Total Acres of Non-Tidal Impacts					**9.41**							
Total Mitigation Liability					**17.82**							
Total Proposed + Completed Credits					**0.00**							
Percent of Wetland Acreage Replacement					**729.6**							
Total Released Credits					**85.79**		*Project includes stream or tidal wetland mitigation					

P - Planning / site development review
I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring
C - Closed
CR - Pending credit release
PC - Pending project closure

[1]Completed Credits are credits that have already been established, but are pending monitoring release or agency approval.

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

Table 44: Tidal Wetland Project Summary for the York River Basin

Project Information		Tidal Wetland (Ac)			Upland (Ac)		Mitigation	Proposed	Completed	Released	Total	Additional
Project ID	Status	Rest/Cr	Pres	Enh	Rest	Pres	Acres	Credits	Credits[1]	Credits	Credits	Protected (ac)
YK-5*	PC	4.14	0.00	0.00	0.82	0.00	4.96	0.00	0.00	4.19	4.19	0.00
Totals		**4.14**	**0.00**	**0.00**	**0.82**	**0.00**	**4.96**	**0.00**	**0.00**	**4.19**	**4.19**	**0.00**
Total Acres of Tidal Impacts					**2.15**							
Total Mitigation Liability					**1.8**							
Total Proposed + Completed Credits					**0.00**							
Percent of Wetland Acreage Replacement					**193**							
Total Released Credits					**4.19**		*Project includes stream or tidal wetland mitigation					

P - Planning / site development review
I - Restoration/Enhancement/Creation activities in progress
M - Mitigation monitoring
C - Closed
CR - Pending credit release
PC - Pending project closure

[1]Completed Credits are credits that have already been established, but are pending monitoring release or agency approval.

Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).

The stream table below describes all stream activity that does not generate credits including pre-USM activity.

Table 45: Stream Activity Summary for the York River Basin

Project ID	Project Status	Stream Mitigation Area (ac)	Channel Length in Mitigation Area (lf)	Mitigation Activity Description	Additional Protected (ac)
YK-1*	C	0.00	3,950	Riparian buffer preservation of 3,950 lf along the right bank of the Po River with a mature wooded buffer existing as wetlands.	Reported under the wetlands summary
YK-3*	C	7.42	978	Riparian buffer preservation of 978 lf along the right bank of Dragon Run with an existing mature wooded buffer extending 200 feet from the edge of the protected stream and wetland complex.	Reported under the wetlands summary
YK-5*	PC	5.40	4,858	Dam removal and stream restoration of 1,258 lf of channel and riparian buffer restoration along 3,600 lf along Holt's Creek the Pamunkey River.	0.00
YK-6*	C	0.00	4,537	Riparian buffer preservation along 4,537 lf of one bank of the Mattaponi River with existing forested buffer extending as wetlands.	Reported under the wetlands summary
CB-8/ YK-4*	CR	Reported under CB-8			Reported under the wetlands summary
Totals		**12.82**	**14,323**		**0.00**
Total Impacts (lf)		**1,282**		*Project includes wetland mitigation	
P - Planning / site development review				I - Restoration/Enhancement/Creation activities in progress	
M - Mitigation monitoring				C - Closed	
CR - Pending credit release				PC - Pending project closure	
Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).					

Table 46: USM Stream Summary for the York River Basin

Project Information		Stream Activity (lf)			Upland Buffer (ac)		Mitigation (ac)	Proposed Credits	Completed Credits[1]	Released Credits	Total Credits	Additional Protected (ac)
Project ID	Status	Rest/Enh	Pres	Livestock	Rest	Pres						
YK-11	C	9	0	0	0.00	0.00	0.00	0	0	9	9	0.00
Totals		**9**	**0**	**0**	**0.00**	**0.00**	**0.00**	**0**	**0**	**9**	**9**	**0.00**
Total Impacts				**1,015**								
Total Compensation Required				**1,009**			+Project includes pre-USM and USM funding					
Total Proposed + Completed Credits				**0**								
Total Released Credits				**9**								
P - Planning / site development review				I - Restoration/Enhancement/Creation activities in progress								
M - Mitigation monitoring				C - Closed								
CR - Pending credit release				PC - Pending project closure								
[1]Completed Credits are credits that have already been established, but are pending monitoring release or agency approval.												
Additional Protected Acreage refers to acreage included under the protective instrument placed on the property by the program which does not qualify for mitigation due to specified allowable activities (e.g., silviculture, agriculture).												

YK-1 Po River (Leonard)
This project was officially closed in 2020. Please reference the 2020 Annual Report for details on this project.

YK-2 Mattaponi River (Gwathmey 1)
The purpose of this project is to conduct a non-tidal wetland and upland buffer restoration, wetland enhancement and wetland and upland preservation project at the Gwathmey project in King William County. The initial funding for this project was approved by the Corps on February 5 and 20, 2004. Goals for the project include restoration/creation of 67.5 acres of forested wetlands on approximately 76.9 acres of former agricultural land, which was abandoned in 2004. Restoration efforts began in 2006 and included plugging of field ditches, creation of several seasonally flooded ponds, construction of a berm system, deep ripping of the surface soil, and planting of 44,450 bare root seedlings and 9,600 shrubs. Long-term protection will be achieved in accordance with the conservation easement which is held and monitored annually by the Conservancy.

Mitigation monitoring has been conducted on the site since 2007 and Year 10 monitoring occurred in 2016. Corrective actions to address invasive plants were undertaken in 2013 through 2016. A final wetland delineation was confirmed by the Corps in October 2016. This project generated 79.64 non-tidal wetland credits, all of which have been released. The Conservancy submitted a request for project closure in November 2024 which was approved in May 2025. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

YK-3 Dragon Run (Beldon)
The project was officially closed in 2009. Please reference the 2009 Annual Report for more details on this project.

CB-8/YK-4 Upper Crab Neck (BP North America)
The details of this project are included under the Chesapeake Bay River Basin summary.

YK-5 Cumberland Marsh (Healthvest, Inc.)
The purpose of this project is to conduct non-tidal wetland, tidal wetland, and stream restoration at the Cumberland Marsh Preserve in New Kent County. The funding was initially approved by the Corps on July 1, 2005, with additional funds approved on February 22, 2007, and August 11, 2010. The Conservancy has owned and managed the preserve since December 28, 1993. The preserve is comprised of a mixture of freshwater tidal marsh, open-water impoundments and wooded upland, and provides habitat for wetland species and migrating waterfowl, as well as a large population of the federally-threatened sensitive joint vetch (*Aeschynomene virginica*). The property was protected by a conservation easement granted to the U.S. Fish and Wildlife Service in 1994.

Feasibility studies completed in 2007 confirmed that the dam and impoundment were not structurally stable, and that their removal combined with restoration of a natural stream channel and associated wetlands would benefit water quality and habitat. Design and construction plans were completed in 2009. The project involved removal of two earthen embankment dams to restore 1,258 linear feet of an unnamed tributary to Holts Creek, which

drains to the Pamunkey River. Wetland, stream and buffer restoration activities began in 2010. In addition to the restoration activities at the impoundments, TNC enhanced the wooded riparian buffer along sections of Holt's Creek and the Pamunkey River through the planting of additional hardwoods to extend the existing wooded buffers to 100-200 feet.

Monitoring of wetland vegetation and stream channel stability began in 2011. Year 10 monitoring of the buffer enhancement area was conducted in 2019, and the Conservancy submitted a request in December 2019 to discontinue stream buffer monitoring, which was approved in 2020. Year 10 wetland and stream monitoring occurred in 2020. Invasive species treatment was ongoing through 2022. A supplemental planting occurred in early 2018. In 2018, an incident of herbicide misapplication was discovered in the areas of the site where a contractor applied the herbicide imazapyr to manage for invasive species. SWMP staff conducted site assessments utilizing transects in 2018 and 2019 to determine the extent of the damage. Assessment results showed impacts to approximately 1.5 acres of the forested wetland portion of the site with an average tree mortality of 50% from the imazapyr application. SWMP received damages from the contractor and took proactive corrective action measures to help the site meet success criteria as quickly as possible by planting trees in the most highly impacted areas of the site in spring 2020.

A final delineation was submitted in September 2024 and was approved in April 2025. The final credit release request was approved in August 2025. The project generated 0.05 non-tidal wetland credits and 4.19 tidal wetland credits, all of which have been released. The project did not utilize USM stream funding, so it did not generate USM credit. The Conservancy submitted a request for project closure in September 2025 which is pending IRT approval. Additional information regarding this mitigation site may be found in the site cyber repository on RIBITS.

YK-6 Mattaponi River (Atwood)
This project was officially closed in 2020. Please reference the 2020 Annual Report for details on this project.

YK-7 Mattaponi River (Gwathmey 3)
This project was officially closed in 2009. Please reference the 2009 Annual Report for details on this project.

YK-8 Mattaponi River (Bach 1)
This project was officially closed in 2009. Please reference the 2009 Annual Report for details on this project.

YK-9 Mattaponi River Site 2
This project was officially closed in 2009. Please reference the 2009 Annual Report for details on this project.

YK-10 Mattaponi River (Bach 2)
This project was officially closed in 2009. Please reference the 2009 Annual Report for details on this project.

YK-11 York River Mitigation Bank Credit Purchase
This project was officially closed in 2018. Please reference the 2017 Annual Report for details on this project.

YK-12 Mattaponi River Site
This project did not move forward. Please reference the 2021 Annual Report for details on this project.