

Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project

APPENDIX K: Summaries of Change, Technical Correction
Assessments, and Maps for

Virginia



Cover photo credit: Fisherman Island National Wildlife Refuge, Virginia, one of only seventeen sites in the United States classified as a "Wetland of International Importance." USFWS



APPENDIX K:

Summaries of Change, Technical Correction Assessments, and Maps for Virginia

Section 4(a) of the 2006 Coastal Barrier Resources Reauthorization Act (CBRRA) specifies that the Secretary of the Interior shall create digital versions of all of the CBRS maps that were not included in the Digital Mapping Pilot Project. Section 4(c)(3)(A) of the 2006 CBRRA requires a report that describes the extent to which the boundary lines on the digital maps differ from the boundary lines on the original maps. Section 4(c)(3)(D) of the 2006 CBRRA requires a report that contains recommendations for expansion of the John H. Chafee Coastal Barrier Resources System (CBRS).

This appendix contains the following for Virginia: (1) statewide reference map and statewide summary of final recommended changes; (2) summaries of recommended changes for each of the units; (3) technical correction assessments; and (4) final recommended CBRS maps.

Statewide Reference Map and Statewide Summary of Final Recommended Changes

The statewide reference map in this appendix is for reference purposes and depicts the recommended CBRS units in Virginia. The statewide summary of final recommended changes in this appendix contains the following information: the number and type of units, overview of public review and comments received, changes between proposed and final recommended, recommended acreage and structure changes, recommended changes by land ownership type, and a list of units within the state.

Unit Summaries

The unit summaries in this appendix describe the final recommended changes to the unit boundaries, the associated acreage and shoreline mile changes, and the number of structures recommended for addition to, removal from, and reclassification within the CBRS.

Chincoteague, Virginia shoreline showing visible effects of storm surge. U.S. Fish and Wildlife Service

For existing CBRS units, the unit summaries in this appendix contain the following information:

- **Type of Unit:** Indicates whether the CBRS unit is a System Unit or an Otherwise Protected Area (OPA).
- **County:** Provides the counties that the CBRS unit is located within.
- **Congressional District:** Provides the congressional districts that the CBRS unit is located within.
- **Existing Map(s):** Provides the map number(s) and date(s) of the existing map(s) for the CBRS unit.
- **Final Recommended Map(s):** Provides the map number(s) and date(s) of the final recommended map(s) for the CBRS unit. All of the final recommended maps produced through the Hurricane Sandy Remapping Project are dated December 18, 2020.
- **Base Map Imagery Source and Date:** Provides the source and date of the underlying aerial imagery used as the base map for the CBRS unit.
- **Establishment of Unit:** Provides the public law number that first established the CBRS unit and the date on which that law was enacted.
- **Historical Changes:** Provides a history of changes (if any) affecting the map(s) for the CBRS unit.
- **Public Comments:** Provides information regarding the public comment period and where to find a summary of the comments received and the Service's responses (if applicable).
- **Changes between Proposed and Final Recommended Boundaries:** Describes the changes between the proposed CBRS unit boundaries that were released for public review and the final recommended boundaries depicted on the maps included in this appendix.
- **Final Recommended Changes:** Describes the recommended removals, additions, reclassifications, and/or other modifications to the CBRS unit.
- **Technical Correction Assessment:** Provides information about where to find a technical correction assessment (if applicable). This section only appears for units where the

Service has received a request for an assessment of whether a mapping error exists.

- **Acreeage, Shoreline, and Structures Information:** Provides in table format acreage and shoreline mile changes, and the number of structures recommended for addition to, removal from, and reclassification within the CBRS.

For recommended new CBRS units, the unit summaries in this appendix contain the following information:

- **Type of Unit:** Indicates whether the recommended new CBRS unit is a System Unit or an OPA.
- **County:** Provides the counties that the recommended new CBRS unit is located within.
- **Congressional District:** Provides the congressional districts that the recommended new CBRS unit is located within.
- **Final Recommended Map(s):** Provides the map number(s) and date(s) of the final recommended map(s) for the recommended new CBRS unit. All of the final recommended maps produced through the Hurricane Sandy Remapping Project are dated December 18, 2020.
- **Base Map Imagery Source and Date:** Provides the source and date of the underlying aerial imagery used as the base map for the CBRS unit.
- **Public Comments:** Provides information regarding the public comment period and where to find a summary of the comments received and the Service's responses (if applicable).
- **Changes between Proposed and Final Recommended Boundaries:** Describes the changes between the proposed new CBRS unit boundaries that were released for public review and the final recommended boundaries depicted on the maps included in this appendix.
- **Recommended New Unit:** Provides information about the area's current CBRS status (i.e., whether any part of the recommended new unit is already within the CBRS) and a description of the areas recommended for inclusion within the new unit.

- **Acreeage, Shoreline, and Structures Information:** Provides in table format acreage and shoreline mile information, and the number of structures recommended for inclusion within the new CBRS unit.

Technical Correction Assessments

The technical correction assessments that were completed through the Hurricane Sandy Remapping Project for units in Virginia are included in this appendix. Technical correction assessments were only prepared in cases where an interested party specifically requested an assessment for a particular property or area to determine whether a technical mapping error exists (and/or submitted comments requesting removal of a specific area from the CBRS). For such cases, the Service carefully assessed all of the information provided by the interested party as well as other materials. The technical correction assessments in this appendix include the following information: (1) an overview of the technical correction process and the area in question; (2) the Service's findings as to whether or not the area is appropriate for removal from the CBRS; and (3) the development status and other factors the Service considered when determining whether a mapping error exists for that particular area (i.e., was the area undeveloped at the time it was included within the CBRS and do the CBRS boundary lines on the maps precisely follow the underlying features they were intended to follow on the ground).

Final Recommended Maps

The maps contained in this appendix are reduced versions of the final recommended maps. Because the maps presented in this report are reduced in size by approximately 70 percent, the legibility of the maps is significantly reduced. The final recommended maps can be accessed and downloaded from the Service's website: <http://www.fws.gov/cbra>. Final recommended boundaries can also be viewed and compared to the existing boundaries in the Service's CBRS Projects Mapper: <https://www.fws.gov/program/coastal-barrier-resources-act/maps-and-data>.

Hurricane Sandy Remapping Project

Interested parties who are unable to access the recommended boundaries or other information online may contact the Service at cbra@fws.gov and reasonable accommodations will be made.

Each full-sized final recommended map (25" by 32") is produced at a

scale of 1 to 24,000. The maps are referenced to the North American Datum of 1983 and use the Universal Transverse Mercator projection, zones 18N. The projection and coordinate system as well as the base map source citation are available below the legend on each map.

The final recommended boundaries are delineated on the maps as a solid purple line for System Units and a dashed black and purple line for OPAs. Where the solid boundary of a System Unit and the dashed boundary of an OPA are coincident, only the System Unit boundary is shown on the map.

Table 14. Page Number(s) of Each Unit Summary, Technical Correction Assessment, and Final Recommended Map(s) in Appendix K

<i>Unit</i>	<i>County(ies)/Independent City</i>	<i>Unit Summary Page Number(s)</i>	<i>Technical Correction Assessment Page Number(s)</i>	<i>Final Recommended Map(s) Page Number(s)</i>
VA-01P	Accomack	K-15, K-16	N/A	K-116 -119
VA-02P	Accomack	K-17, K-18	N/A	K-119-121
VA-03P	Accomack	K-19	N/A	K-121
K03	Accomack	K-20, K-21	N/A	K-121-123
VA-04P	Accomack, Northampton	K-22, K-23	N/A	K-122-126
K04	Northampton	K-24	N/A	K-126
VA-05P	Northampton	K-25, K-26	N/A	K-126-129
VA-06P	Northampton	K-27, K-28	N/A	K-128-130
K05	Northampton	K-29, K-30	N/A	K-129, K-130
K05P	Northampton	K-31, K-32	N/A	K-129, K-130
VA-09	Northampton	K-33	N/A	K-131
VA-10	Northampton	K-34	N/A	K-131
VA-11	Northampton	K-35, K-36	N/A	K-131
VA-12	Northampton	K-37	N/A	K-132
VA-13	Northampton	K-38	N/A	K-132
VA-14	Northampton	K-39	N/A	K-132
VA-16	Accomack, Northampton	K-40, K-41	N/A	K-133
VA-16P*	Accomack	K-42	N/A	K-133
VA-17	Accomack	K-43, K-44	N/A	K-133, K-134
VA-17P*	Accomack	K-45	N/A	K-133
VA-18	Accomack	K-46	N/A	K-134
VA-19	Accomack	K-47	N/A	K-134
VA-20*	Accomack	K-48	N/A	K-134-136
VA-20P	Accomack	K-49	N/A	K-134, K-136
VA-21	Accomack	K-50	N/A	K-135, K-136
VA-22P*	Accomack	K-51	N/A	K-135
VA-22	Accomack	K-52	N/A	K-135
VA-23	Accomack	K-53, K-54	N/A	K-135
VA-24	Accomack	K-55	N/A	K-137
VA-25	Accomack	K-56	N/A	K-138
VA-26	Accomack	K-57	N/A	K-139
VA-27	Accomack	K-58	N/A	K-136
VA-28	Accomack	K-59	N/A	K-140
VA-28P*	Accomack	K-60	N/A	K-140
VA-29	Westmoreland	K-61	N/A	K-141
VA-30	Westmoreland	K-62	N/A	K-141

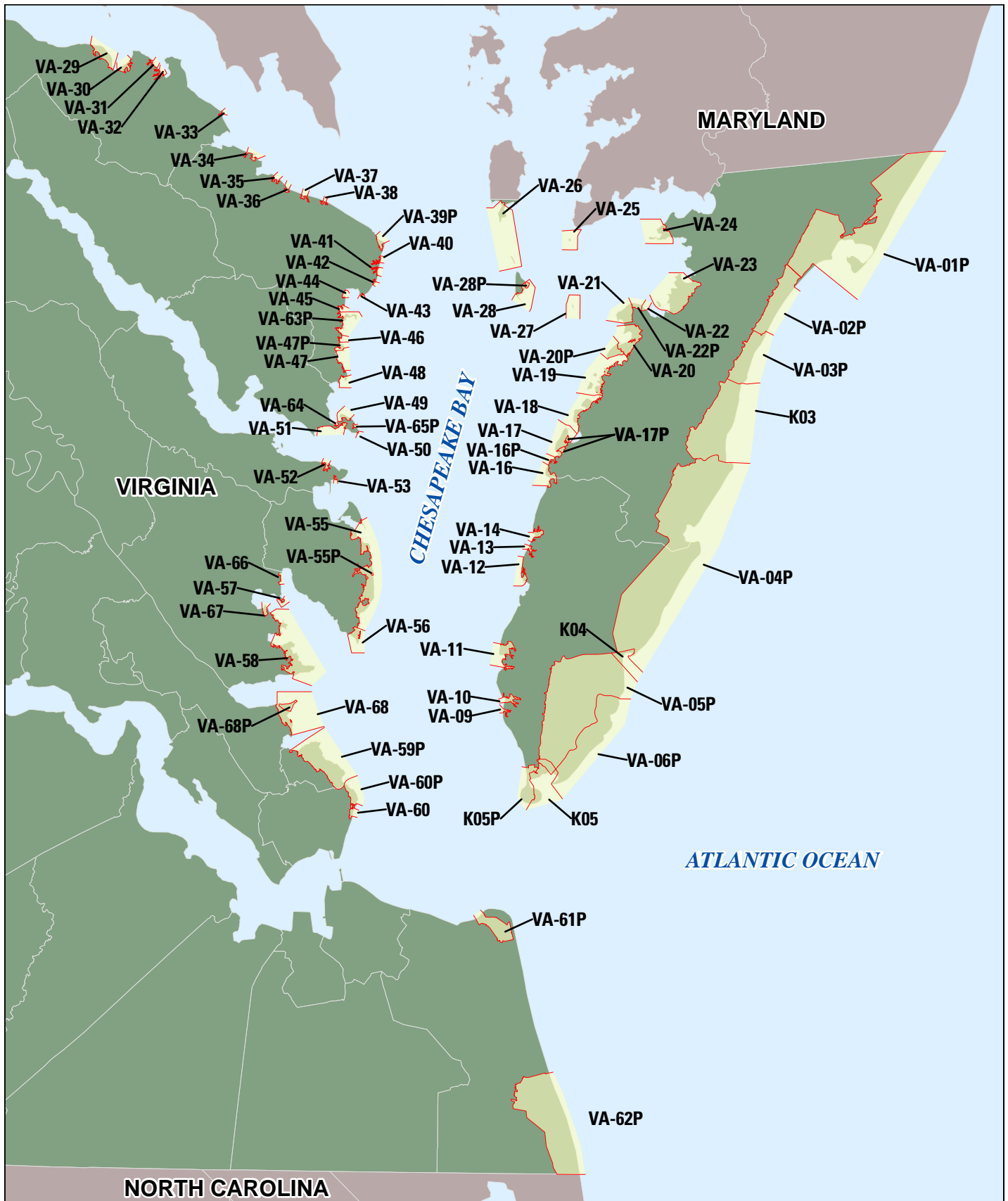
Table 14. Page Number(s) of Each Unit Summary, Technical Correction Assessment, and Final Recommended Map(s) in Appendix K (continued)

<i>Unit</i>	<i>County(ies)/Independent City</i>	<i>Unit Summary Page Number(s)</i>	<i>Technical Correction Assessment Page Number(s)</i>	<i>Final Recommended Map(s) Page Number(s)</i>
VA-31	Westmoreland	K-63	N/A	K-141
VA-32	Westmoreland	K-64	N/A	K-141
VA-33	Westmoreland	K-65	N/A	K-142
VA-34	Northumberland	K-66	N/A	K-142
VA-35	Northumberland	K-67	N/A	K-143
VA-36	Northumberland	K-68	N/A	K-143
VA-37	Northumberland	K-69	N/A	K-143
VA-38	Northumberland	K-70	N/A	K-143
VA-39P	Northumberland	K-71	N/A	K-144
VA-40	Northumberland	K-72	N/A	K-144
VA-41	Northumberland	K-73	N/A	K-144
VA-42	Northumberland	K-74	N/A	K-144
VA-43	Northumberland	K-75	N/A	K-144
VA-44	Northumberland	K-76	N/A	K-144
VA-45	Northumberland	K-77	K-78, K-79	K-145
VA-63P*	Northumberland	K-80	N/A	K-145
VA-46	Northumberland	K-81	N/A	K-145
VA-47P*	Northumberland	K-82	N/A	K-145
VA-47	Northumberland	K-83	N/A	K-145
VA-48	Northumberland	K-84	N/A	K-145
VA-49	Lancaster	K-85	N/A	K-146
VA-64*	Lancaster	K-86	N/A	K-146
VA-65P*	Lancaster	K-87	N/A	K-146
VA-50	Lancaster	K-88	N/A	K-146
VA-51	Lancaster	K-89	K-90, K-91	K-146
VA-52	Middlesex	K-92	N/A	K-146
VA-53	Middlesex	K-93	N/A	K-146
VA-54	Middlesex	K-94	N/A	N/A
VA-55	Mathews	K-95, K-96	K-97, K-98, K-99	K-147, K-148
VA-55P*	Mathews	K-100	N/A	K-147
VA-56	Mathews	K-101	N/A	K-148
VA-66*	Gloucester	K-102	N/A	K-149
VA-57	Gloucester	K-103	N/A	K-149
VA-67*	Gloucester	K-104	N/A	K-149
VA-58	Gloucester	K-105, K-106	N/A	K-149, K-150
VA-68*	York	K-107	N/A	K-150
VA-68P*	York	K-108	N/A	K-150
VA-59P	City of Poquoson (Independent City)	K-109	N/A	K-150, K-151

Table 14. Page Number(s) of Each Unit Summary, Technical Correction Assessment, and Final Recommended Map(s) in Appendix K (continued)

<i>Unit</i>	<i>County(ies)/Independent City</i>	<i>Unit Summary Page Number(s)</i>	<i>Technical Correction Assessment Page Number(s)</i>	<i>Final Recommended Map(s) Page Number(s)</i>
VA-60P	City of Hampton (Independent City)	K-110, K-111	N/A	K-151
VA-60	City of Hampton (Independent City)	K-112	N/A	K-151
VA-61P	City of Virginia Beach (Independent City)	K-113	N/A	K-152
VA-62P	City of Virginia Beach (Independent City)	K-114	N/A	K-153, K-154

*Recommended new unit



This map depicts the Coastal Barrier Resources System (CBRS) units in Virginia that are part of the Hurricane Sandy Remapping Project. To view the recommended boundaries in more detail see the CBRS Projects Mapper: <https://www.fws.gov/cbra/maps/mapper.html>



Coastal Barrier Resources System Hurricane Sandy Remapping Project

Summary of Final Recommended Changes for Virginia

In 2014, the U.S. Fish and Wildlife Service (Service) initiated the Hurricane Sandy Remapping Project to comprehensively modernize the maps for the John H. Chafee Coastal Barrier Resources (CBRS) units in the nine states most affected by Hurricane Sandy: Connecticut, Delaware, Maryland, Massachusetts, New Hampshire, New Jersey, New York (Long Island), Rhode Island, and Virginia. This fact sheet summarizes the final recommended changes to the CBRS units in Virginia resulting from this project. The revised maps produced through this project will only become effective once they are adopted by Congress through legislation. For additional information on the Coastal Barrier Resources Act and the Hurricane Sandy Remapping Project, please visit: <https://www.fws.gov/project/hurricane-sandy-remapping-project>.

Number of Units in Project

Total Recommended Virginia Units: 77

System Units: 55

Otherwise Protected Areas (OPAs): 22

The Service has prepared comprehensively revised final recommended maps for all of the 64 existing CBRS units in Virginia. Four existing units in Virginia have no recommended changes. The Service identified 14 recommended new units in Virginia. Three of the 14 recommended new units in Virginia are comprised either partially or entirely of areas that are currently contained within the CBRS, but are recommended for reclassification from System Unit to OPA. Eleven of the 14 recommended new units in Virginia are comprised entirely of areas that are not currently contained within the CBRS. Ninety-three percent of the acreage in the 14 recommended new Virginia units is not currently within the CBRS. One of the existing 64 units is recommended for deletion from the CBRS, and therefore its current unit number is retired, resulting in 77 total recommended units.

Public Review and Comments

The Service held a 120-day public review and comment period on the proposed boundaries in Virginia from December 18, 2018, through April 17, 2019 (83 FR 64861). The Service received eight comments affecting seven units in Virginia. For a summary

of the comments received and the Service's responses, see [chapter 3](#) and [appendix C](#) of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*.

Changes between Proposed and Final Recommended Boundaries

The aerial imagery initially used to prepare the proposed boundaries for the Virginia units in this project was dated 2016. When preparing the final recommended boundaries, the Service reviewed the proposed boundaries against the updated imagery and made necessary adjustments to better follow the intended features visible on the updated imagery. The imagery used for the final recommended maps is dated 2018. The Service also made changes to three units in response to comments received during the public comment period, including the creation of one new recommended unit that was not initially proposed. The changes made between the proposed and final recommended boundaries for each Virginia unit are summarized in [appendix K](#) of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*.

Final Recommended Acreage and Structure Changes

The final recommended maps for the Virginia units would remove 201 acres from the CBRS (149 acres of fastland and 52 acres of associated aquatic habitat) and add 96,435 acres to the CBRS (1,422 acres of fastland and 95,013 acres of associated aquatic habitat). The final recommended maps

for the Virginia units would remove 53 acres of privately owned lands not held for conservation/recreation from the CBRS and add 404 acres of privately owned lands to the CBRS.

The final recommended boundaries would remove 81 structures (mostly private residential) from the CBRS and add 45 structures to the CBRS.

Information about the recommended changes for each of the individual Virginia units (including acreage and structure changes) is available in [appendix K](#) of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project* and at: <https://www.fws.gov/project/hurricane-sandy-remapping-project>.

Final Recommended Acreage and Structure Changes for Virginia

	Fastland Acres ¹		Associated Aquatic Habitat Acres ²		Total Acres		Total Structures ³	
	System Unit	OPAs	System Unit	OPAs	System Unit	OPAs	System Unit	OPAs
<i>Added to the CBRS</i>	427	995	26,154	68,859	26,581	69,854	28	17
	Total: 1,422		Total: 95,013		Total: 96,435		Total: 45	
<i>Removed from the CBRS</i>	82	67	33	19	115	86	78	3
	Total: 149		Total: 52		Total: 201		Total: 81	
<i>Net Reclassified⁴</i>	(11)	11	1,892	(1,892)	1,881	(1,881)		
<i>Net Change</i>	Total: 1,273		Total: 94,961		Total: 96,234		Total: (36)	

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ Reclassified area are areas currently within the CBRS that are recommended for reclassification from System Unit to OPA or vice versa.

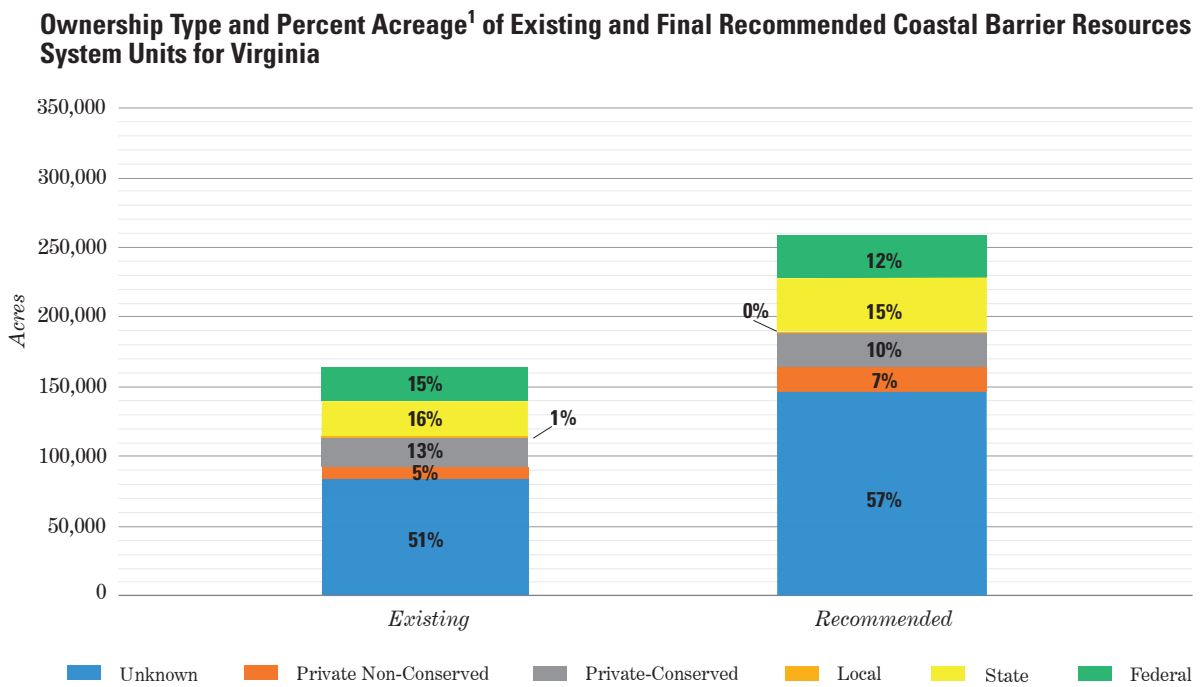
Hurricane Sandy Remapping Project

Final Recommended Changes by Land Ownership

The ownership type of the existing and final recommended CBRS units in Virginia is depicted in the graph below. In conducting this project, the Service relied heavily on publicly

available state and local GIS data, which did not contain ownership information for certain areas (mostly large swaths of wetlands and open water) that are within the project area; and therefore such areas are categorized as “unknown.” “Private conserved” indicates areas that

are owned by private individuals or organizations (e.g., The Nature Conservancy, Audubon Society, etc.) and held specifically for conservation and/or recreation purposes, including privately owned areas that are subject to conservation easements.



¹Ownership data was acquired from local, state, federal, and non-governmental organizations between 2014 and 2017

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Virginia Units in Project

<i>County</i>	<i>Congressional District</i>	<i>Unit Number</i>	<i>Unit Name</i>	<i>Unit Status</i>
Accomack	VA-2	K03	Cedar Island	Existing Unit
Northampton	VA-2	K04	Little Cobb Island	Existing Unit
Northampton	VA-2	K05	Fishermans Island	Existing Unit
Northampton	VA-2	K05P	Fishermans Island	Existing Unit
Accomack	VA-2	VA-01P	Assateague Island	Existing Unit
Accomack	VA-2	VA-02P	Assawoman Island	Existing Unit
Accomack	VA-2	VA-03P	Metompkin Island	Existing Unit
Accomack, Northampton	VA-2	VA-04P	Parramore/Hog/ Cobb Islands	Existing Unit
Northampton	VA-2	VA-05P	Wreck Island	Existing Unit
Northampton	VA-2	VA-06P	Smith Island	Existing Unit
Northampton	VA-2	VA-09	Elliotts Creek	Existing Unit
Northampton	VA-2	VA-10	Old Plantation Creek	Existing Unit
Northampton	VA-2	VA-11	Wescoat Point	Existing Unit
Northampton	VA-2	VA-12	Great Neck	Existing Unit
Northampton	VA-2	VA-13	Westerhouse Creek	Existing Unit
Northampton	VA-2	VA-14	Shooting Point	Existing Unit
Accomack, Northampton	VA-2	VA-16	Scarborough Neck	Existing Unit
Accomack	VA-2	VA-16P	Scarborough Neck	New Unit -
Accomack	VA-2	VA-17	Craddock Neck	Existing Unit
Accomack	VA-2	VA-17P	Craddock Neck	New Unit
Accomack	VA-2	VA-18	Hacks Neck	Existing Unit
Accomack	VA-2	VA-19	Parkers/Finneys Islands	Existing Unit
Accomack	VA-2	VA-20	Parkers Marsh	New Unit - Partially Reclassified
Accomack	VA-2	VA-20P	Parkers Marsh	Existing Unit
Accomack	VA-2	VA-21	Beach Island	Existing Unit
Accomack	VA-2	VA-22	Russell Island	Existing Unit
Accomack	VA-2	VA-22P	Russell Island	New Unit
Accomack	VA-2	VA-23	Simpson Bend	Existing Unit
Accomack	VA-2	VA-24	Drum Bay	Existing Unit
Accomack	VA-2	VA-25	Fox Islands	Existing Unit
Accomack	VA-2	VA-26	Cheeseman Island	Existing Unit
Accomack	VA-2	VA-27	Watts Island	Existing Unit
Accomack	VA-2	VA-28	Tangier Island	Existing Unit
Accomack	VA-2	VA-28P	Tangier Island	New Unit - Entirely Reclassified
Westmoreland	VA-1	VA-29	Elbow Point	Existing Unit

Hurricane Sandy Remapping Project

Virginia Units in Project (continued)

<i>County</i>	<i>District Congressional</i>	<i>Unit Number VA-30</i>	<i>Unit Name</i>	<i>Unit Status</i>
Westmoreland	VA-1		White Point	Existing Unit
Westmoreland	VA-1	VA-31	Cabin Point	Existing Unit
Westmoreland	VA-1	VA-32	Glebe Point	Existing Unit
Westmoreland	VA-1	VA-33	Sandy Point	Existing Unit
Northumberland	VA-1	VA-34	Judith Sound	Existing Unit
Northumberland	VA-1	VA-35	Cod Creek	Existing Unit
Northumberland	VA-1	VA-36	Presley Creek	Existing Unit
Northumberland	VA-1	VA-37	Cordreys Beach	Existing Unit
Northumberland	VA-1	VA-38	Marshalls Beach	Existing Unit
Northumberland	VA-1	VA-39P	Ginny Beach	Existing Unit
Northumberland	VA-1	VA-40	Gaskin Pond	Existing Unit
Northumberland	VA-1	VA-41	Owens Pond	Existing Unit
Northumberland	VA-1	VA-42	Chesapeake Beach	Existing Unit
Northumberland	VA-1	VA-43	Fleet Point	Existing Unit
Northumberland	VA-1	VA-44	Bussel Point	Existing Unit
Northumberland	VA-1	VA-45	Harveys Creek	Existing Unit
Northumberland	VA-1	VA-46	Ingram Cove	Existing Unit
Northumberland	VA-1	VA-47	Bluff Point Neck	Existing Unit
Northumberland	VA-1	VA-47P	Bluff Point Neck	New Unit
Northumberland	VA-1	VA-48	Barnes Creek	Existing Unit
Lancaster	VA-1	VA-49	North Point	Existing Unit
Lancaster	VA-1	VA-50	Windmill Point	Existing Unit
Lancaster	VA-1	VA-51	Deep Hole Point	Existing Unit
Middlesex	VA-1	VA-52	Sturgeon Creek	Existing Unit
Middlesex	VA-1	VA-53	Jackson Creek	Existing Unit
Middlesex	VA-1	VA-54	Stove Point	Existing Unit Deleted and Unit Number Retired
Mathews	VA-1	VA-55	Rigby Island/Bethel Beach	Existing Unit
Mathews	VA-1	VA-55P	Rigby Island/Bethel Beach	New Unit
Mathews	VA-1	VA-56	New Point Comfort	Existing Unit
Gloucester	VA-1	VA-57	Ware Neck	Existing Unit
Gloucester	VA-1	VA-58	Severn River	Existing Unit
City of Poquoson (Independent City)	VA-2	VA-59P	Plum Tree Island	Existing Unit
City of Hampton (Independent City)	VA-2	VA-60	Long Creek	Existing Unit
City of Hampton (Independent City)	VA-2	VA-60P	Long Creek	Existing Unit
City of Virginia Beach (Independent City)	VA-2	VA-61P	Cape Henry	Existing Unit
City of Virginia Beach (Independent City)	VA-2	VA-62P	Back Bay	Existing Unit
Northumberland	VA-1	VA-63P	Dameron Marsh	New Unit

Report to Congress: John H. Chafee Coastal Barrier Resources System**Virginia Units in Project (continued)**

<i>County</i>	<i>Congressional District</i>	<i>Unit Number</i>	<i>Unit Name</i>	<i>Unit Status</i>
Lancaster	VA-1	VA-64	Little Bay	New Unit
Lancaster	VA-1	VA-65P	White Marsh	New Unit
Gloucester	VA-1	VA-66	Lone Point	New Unit
Gloucester	VA-1	VA-67	Oldhouse Creek	New Unit
York	VA-2	VA-68	Bay Tree Beach	New Unit
York	VA-2	VA-68P	Bay Tree Beach	New Unit

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-01P, Assateague Island,
Virginia**

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Accomack

Congressional District: 2

Existing Maps: The existing CBRS maps depicting this unit are:

- Map [51-001A](#) dated August 1, 2014
- Map [51-002A](#) dated August 1, 2014

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [51-101A](#) dated December 18, 2020
- Draft map [51-102A](#) dated December 18, 2020
- Draft map [51-103A](#) dated December 18, 2020
- Draft map [51-104A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit:

The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-01P.

Historical Changes: The CBRS maps for this unit have been modified by the following legislative and/or administrative action:

- *Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-01P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-01P between proposed and final recommended.

Final Recommended Changes:

The final recommended changes to Unit VA-01P are described below.

Recommended Additions:

- Portions of Assateague Island National Seashore (owned by the National Park Service), located between Assateague Island and Chincoteague Island
- A portion of Chincoteague National Wildlife Refuge (NWR) (owned by the Service), located at the northern end of Chincoteague Island

- An area of wetlands within Wallops Island NWR (owned by the Service), located along Little Simoneaston Creek
- Portions of Wallops Island Flight Facility (owned by the National Aeronautics and Space Administration), including about seven associated structures located on the northern end of Wallops Island
- Undeveloped fastland and associated aquatic habitat that is both publicly and privately owned and not held for conservation and/or recreation, located along Assateague Channel, Little Oyster Bay, Oyster Bay, and along the northern end of Chincoteague Island
- Associated aquatic habitat that is both publicly and privately owned and not held for conservation and/or recreation, located north and west of Wallops Island and west of Chincoteague Island, including Bogues Bay, Powells Bay, Watts Bay, Simoneaston Bay, and Shelly Bay
- Associated aquatic habitat along Chincoteague Bay to the west of Chincoteague and Assateague Islands
- Two privately owned residential structures located at the eastern end of Leonard Lane

Other Modifications/Information:

- Associated aquatic habitat that is not held for conservation and/or recreation is currently within OPA Unit VA-01P. These areas are not recommended for reclassification to a System Unit.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-01P, Assateague Island, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	16,425	2,073	14,352	15.3	
Added to the CBRS	19,866	422	19,444		9
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	36,291	2,495	33,796	18.9	
Net Change	19,866	422	19,444	3.6	9

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit VA-02P, Assawoman Island, Virginia

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Accomack

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-003A](#) dated August 1, 2014

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [51-104A](#) dated December 18, 2020
- Draft map [51-105A](#) dated December 18, 2020
- Draft map [51-106A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established this unit as System Unit K01.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative actions:

- This unit was reclassified from its original System Unit designation to OPA Unit VA-02P by the Coastal Barrier Improvement Act (Pub. L. 101-591 enacted on November 16, 1990)
- *Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-02P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-02P between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-02P are described as follows.

Recommended Additions:

- Undeveloped fastland on Wallops Island and associated aquatic habitat located west of Causeway Road. This area is within the western portion of Wallops Flight Facility (owned by the National Aeronautics and Space Administration).
- A small area of wetlands within Mutton Hunk Fen Natural Area Preserve (owned by the Virginia Department of Conservation and Recreation), located along Whites Creek
- Areas of associated aquatic habitat that are privately owned and not held for conservation and/or recreation, located along Assawoman Creek in the vicinity of Womans Bay and along Gargathy Creek

Other Modifications/Information:

- Associated aquatic habitat and small areas of undeveloped fastland that are privately owned and not held for conservation and/or recreation are currently located within OPA Unit VA-02P along Assawoman Creek, Northam Narrows, Kegotank Bay, and Gargathy Creek. These areas are not recommended for reclassification to a System Unit.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreege, Shoreline, and Structure Information for Unit VA-02P, Assawoman Island, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	4,451	130	4,321	4.3	
Added to the CBRS	1,959	91	1,868		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	6,410	221	6,189	5.2	
Net Change	1,959	91	1,868	0.9	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-03P, Metompkin Island,
Virginia**

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Accomack

Congressional District: 2

Existing Maps: The existing CBRS maps depicting this unit are:

- Map [51-003A](#) dated August 1, 2014
- Map [51-004A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-106A](#) dated December 18, 2020

Base Map Imagery Source and Date:

United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit:

The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-03P.

Historical Changes: The CBRS maps for this unit have been modified by the following legislative and/or administrative action:

- *Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-03P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-03P between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-03P are described below.

Recommended Additions:

- Associated aquatic habitat located landward of Metompkin Island (owned by The Nature Conservancy (TNC))
- An area of wetlands within Mutton Hunk Fen Natural Area Preserve (owned by the Virginia Department of Conservation and Recreation), located along Whites Neck near Gargathy Bay
- An area of wetlands that is privately owned and subject to a conservation easement (held by TNC), located along Whites Neck near Crippen Creek
- Associated aquatic habitat and small areas of undeveloped fastland that are privately owned and not held for conservation and/or recreation, located along Crippen Creek and Metompkin Bay

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acres, Shoreline, and Structure Information for Unit VA-03P, Metompkin Island, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	1,837	197	1,640	5.7	
Added to the CBRS	3,417	13	3,404		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	5,254	210	5,044	5.7	
Net Change	3,417	13	3,404	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit K03, Cedar Island,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Accomack

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-004A](#) dated August 1, 2014

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [51-106A](#) dated December 18, 2020
- Draft map [51-107A](#) dated December 18, 2020
- Draft map [51-108A](#) dated December 18, 2020

Base Map Imagery Source and Date:

United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit:

The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit K03.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative actions:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)
- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-59

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit K03 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit K03 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit K03 are described below.

Recommended Removals:

- One structure along the shoreline of Burtons Bay, located off of a private drive south of Bellevue Circle
- One structure and adjacent fast-land located at the northern end of Bunting Point Road

Recommended Additions:

- Associated aquatic habitat along Burtons Bay in the vicinity of Custis Creek and along Bradford Channel

Recommended Reclassifications:

- From Otherwise Protected Area (OPA) Unit VA-04P to System

Unit K03: The southern portion of Wachapreague Inlet

Other Modifications/Information:

- Portions of Chincoteague National Wildlife Refuge (owned by the Service) are currently located within System Unit K03. These areas are not recommended for reclassification to an OPA.
- Portions of Cedar Island, owned by The Nature Conservancy (TNC) and held for conservation and/or recreation, are currently located within System Unit K03. TNC concurred with maintaining these areas as System Unit rather than reclassifying them to an OPA.
- Areas that are privately owned and subject to conservation easements (held by the Chesapeake Bay Foundation and the Virginia Eastern Shore Land Trust), located along Folly Creek, are currently located within System Unit K03. These areas are not recommended for reclassification to an OPA because the conservation easements were placed on the property after the area was first included in 1990 within the CBRS.
- Areas that are privately owned and subject to a conservation easement (held by TNC), located along Wachapreague Channel and Burtons Bay, are currently located within System Unit K03. These areas are not recommended for reclassification to an OPA because the conservation easement was placed on the property after the area was first included in 1990 within the CBRS.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acree, Shoreline, and Structure Information for Unit K03, Cedar Island, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	15,046	184	14,862	8.3	
Added to the CBRS	285	0	285		0
Removed from the CBRS	2	2	0		2
Reclassified Area ⁴	96	0	96		0
Final Recommended Unit	15,425	182	14,243	8.5	
Net Change	379	(2)	381	0.2	(2)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-04P, Parramore/Hog/
Cobb Islands, Virginia**

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Accomack, Northampton

Congressional District: 2

Existing Maps: The existing CBRS maps depicting this unit are:

- Map [51-004A](#) dated August 1, 2014
- Map [51-005A](#) dated August 1, 2014
- Map [51-006A](#) dated August 1, 2014
- Map [51-007A](#) dated August 1, 2014

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [51-107A](#) dated December 18, 2020
- Draft map [51-108A](#) dated December 18, 2020
- Draft map [51-109A](#) dated December 18, 2020
- Draft map [51-110A](#) dated December 18, 2020
- Draft map [51-111A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit:

The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on

November 16, 1990 (56 FR 26304), originally established Unit VA-04P.

Historical Changes: The CBRS maps for this unit have been modified by the following legislative and/or administrative action:

- *Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-04P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-04P between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-04P are described as follows.

Recommended Additions:

- Portions of Revel Island Preserve (owned by The Nature Conservancy (TNC))
- Associated aquatic habitat landward of Cobb Island and Parramore Island that is not held for conservation and/or recreation, including portions of Swash Bay, Hog Island Bay, and Cobb Bay

Recommended Reclassifications:

- From OPA Unit VA-04P to System Unit K03: The southern portion of Wachapreague Inlet
- From OPA Unit VA-04P to System Unit K04: Portions of Loon Channel

Other Modifications/Information:

- Modification of the coincident boundary between System Unit K04 and OPA Unit VA-04P located along the southern tip of Cobb Island (owned by TNC) to account for natural changes. This modification results in a small reclassification from System Unit to OPA.
- Areas of associated aquatic habitat located landward of Cobb Island and Parramore Island that are not held for conservation and/or recreation are currently located within OPA Unit VA-04P. These areas are not recommended for reclassification to a System Unit.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreege, Shoreline, and Structure Information for Unit VA-04P, Parramore/Hog/Cobb Islands, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	18,986	1,161	17,825	22.9	
Added to the CBRS	35,282	10	35,272		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	(110)	0	(110)		0
Final Recommended Unit	54,158	1,171	52,987	22.9	
Net Change	35,172	10	35,162	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit K04, Little Cobb Island, Virginia

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Northampton

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-007A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-111A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit K04.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative actions:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)
- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit K04 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit K04 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit K04 are described below.

Recommended Additions:

- A small area of open water in Little Cobb Bay

Recommended Reclassifications:

- From Otherwise Protected Area (OPA) Unit VA-04P to System Unit K04: Portions of Loon Channel
- From OPA Unit VA-05P to System Unit K04: The western portion of Sand Shoal Inlet

Other Modifications/Information:

- Modification of the coincident boundary between System Unit K04 and OPA Unit VA-04P located along the southern tip of Cobb Island (owned by The Nature Conservancy (TNC)) to account for natural changes. This modification results in a small reclassification from System Unit to OPA.
- Little Cobb Island (owned by TNC and held for conservation and/or recreation) is currently located within System Unit K04. TNC concurred with maintaining this area as System Unit rather than reclassifying it to an OPA.

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit K04, Little Cobb Island, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	673	12	661	0.5	
Added to the CBRS	13	0	13		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	641	0	641		0
Final Recommended Unit	1,327	12	1,315	1.0	
Net Change	654	0	654	0.5	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-05P, Wreck Island,
Virginia**

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Northampton

Congressional District: 2

Existing Maps: The existing CBRS maps depicting this unit are:

- Map [51-007A](#) dated August 1, 2014
- Map [51-008A](#) dated August 1, 2014
- Map [51-009A](#) dated August 1, 2014
- Map [51-010A](#) dated August 1, 2014

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [51-111A](#) dated December 18, 2020
- Draft map [51-112A](#) dated December 18, 2020
- Draft map [51-113A](#) dated December 18, 2020
- Draft map [51-114A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-05P.

Historical Changes: The CBRS maps for this unit have been modified by the following legislative and/or administrative action:

- *Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-05P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-05P between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-05P are described below.

Recommended Additions:

- Associated aquatic habitat within Magothy Bay State Natural Area Preserve (owned by the Virginia Department of Conservation and Recreation)
- Associated aquatic habitat within Mockhorn Wildlife Management Area (owned by the Virginia Department of Game and Inland Fisheries)

- Wetlands and a small area of undeveloped fastland that are owned by The Nature Conservancy (TNC), located along Mockhorn Bay in the vicinity of Oyster
- Areas of wetlands that are privately owned and subject to conservation easements (held by TNC), located along Magothy Bay to the south of Cushman's Landing
- The northern portion of Sand Shoal Channel
- Wetlands that are privately owned and not held for conservation and/or recreation, located along Mockhorn Bay and Magothy Bay

Recommended Reclassifications:

- From Otherwise Protected Area (OPA) Unit VA-05P to System Unit K04: The western portion of Sand Shoal Inlet

Other Modifications/Information:

- A portion of Wreck Island Natural Area Preserve and New Inlet in OPA Unit VA-06P is recommended to be transferred to OPA Unit VA-05P in order account for the southward accretion of Wreck Island
- An area of associated aquatic habitat located in South Bay near Godwin Island is recommended to be transferred from OPA Unit VA-05P to OPA Unit VA-06P
- Areas of undeveloped fastland and associated aquatic habitat that are both publicly and privately owned and not held for conservation and/or recreation are currently located within OPA Unit VA-05P. These areas are not recommended for reclassification to a System Unit.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-05P, Wreck Island, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	35,255	77	35,178	3.2	
Added to the CBRS	1,175	6	1,169		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	(627)	0	(627)		0
Transferred Area ⁵	19	0	19		
Final Recommended Unit	35,822	83	35,739	3.1	
Net Change	567	6	561	(0.1)	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

⁵ The net change includes 19 net acres of associated aquatic habitat that were transferred from Otherwise Protected Area Unit VA-06P to Otherwise Protected Unit VA-05P. This transfer between two units of the same type does not change the CBRA restrictions on Federal expenditures and financial assistance in these areas.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-06P, Smith Island,
Virginia**

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Northampton

Congressional District: 2

Existing Maps: The existing CBRS maps depicting this unit are:

- Map [51-007A](#) dated August 1, 2014
- Map [51-009A](#) dated August 1, 2014
- Map [51-010A](#) dated August 1, 2014

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [51-113A](#) dated December 18, 2020
- Draft map [51-114A](#) dated December 18, 2020
- Draft map [51-115A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November

16, 1990 (56 FR 26304), originally established Unit VA-06P.

Historical Changes: The CBRS maps for this unit have been modified by the following legislative and/or administrative action:

- *Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-06P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-06P between proposed and final recommended.

Final Recommended Changes:

The final recommended changes to Unit VA-06P are described below.

Recommended Reclassifications:

- From OPA Unit VA-06P to System Unit K05: Associated aquatic habitat in the vicinity of Smith Island Inlet

Other Modifications/Information:

- A portion of Wreck Island Natural Area Preserve and New Inlet in OPA Unit VA-06P has been transferred to OPA Unit VA-05P in order account for the southward accretion of Wreck Island
- An area of associated aquatic habitat located in South Bay near Godwin Island has been transferred from OPA Unit VA-05P to OPA Unit VA-06P
- Areas of associated aquatic habitat located landward of Smith Island that are not held for conservation and/or recreation are currently located within OPA Unit VA-06P. These areas are not recommended for reclassification to a System Unit.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-06P, Smith Island, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	12,626	275	12,351	12.6	
Added to the CBRS	0	0	0		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	(730)	0	(730)		0
Transferred Area ⁵	(19)	0	(19)		
Final Recommended Unit	11,877	275	11,602	11.5	
Net Change	(749)	0	(749)	(1.1)	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

⁵ The net change includes 19 net acres of associated aquatic habitat that were transferred from Otherwise Protected Area Unit VA-06P to Otherwise Protected Unit VA-05P. This transfer between two units of the same type does not change the CBRA restrictions on Federal expenditures and financial assistance in these areas.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit K05, Fishermans Island, Virginia

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Northampton

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-010A](#) dated August 1, 2014

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [51-114A](#) dated December 18, 2020
- Draft map [51-115A](#) dated December 18, 2020

Base Map Imagery Source and Date:

United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit K05.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative actions:

- Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on November 16, 1990 (56 FR 26304)
- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit K05 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit K05 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit K05 are described as follows.

Recommended Additions:

- Associated aquatic habitat located between Mill Creek and Dixon Drive to the west of Long Point Channel

Recommended Reclassifications:

- From Otherwise Protected Area (OPA) Unit VA-06P to System Unit K05: Associated aquatic habitat in the vicinity of Smith Island Inlet
- From OPA Unit K05P to System Unit K05: Small areas of fastland owned by Northampton County and not held for conservation and/or recreation, located south and east of Hallett Circle
- From OPA Unit K05P to System Unit K05: An area of wetlands within the Eastern Shore of Virginia National Wildlife Refuge (owned by the Service) located near Raccoon Creek

Other Modifications/Information:

- Portions of the Eastern Shore of Virginia National Wildlife Refuge and the Fisherman Island National Wildlife Refuge (both owned by the Service) are currently located within System Unit K05. These areas are not recommended for reclassification to an OPA.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit K05, Fishermans Island, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	2,895	184	2,711	2.6	
Added to the CBRS	116	1	115		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	753	7	746		0
Final Recommended Unit	3,764	192	3,572	3.2	0
Net Change	869	8	861	0.6	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit K05P, Fishermans Island,
Virginia**

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Northampton

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-010A](#) dated August 1, 2014

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [51-114A](#) dated December 18, 2020
- Draft map [51-115A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit:

The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit K05P.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- *Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit K05P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit K05P between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit K05P are described below.

Recommended Additions:

- Portions of the Eastern Shore of Virginia National Wildlife Refuge (NWR) (owned by the Service) located north of Mill Creek and to the west of Long Point Channel
- A portion of U.S. Route 13 in the vicinity of Wise Point

- Associated aquatic habitat that is not held for conservation and/or recreation, located along Long Point Channel

Recommended Reclassifications:

- From OPA Unit K05P to System Unit K05: Small areas of fastland owned by Northampton County and not held for conservation and/or recreation, located south and east of Hallett Circle
- From OPA Unit K05P to System Unit K05: An area of wetlands within the Eastern Shore of Virginia NWR located near Raccoon Creek

Other Modifications/Information:

- Modification of the northern boundary of the unit to better align with the boundaries of the Eastern Shore of Virginia NWR, which results in some minor additions and removals
- Fastland that is owned by the Chesapeake Bay Bridge Tunnel District is currently within OPA Unit K05P. This area is not recommended for reclassification to a System Unit.
- Associated aquatic habitat that is not held for conservation and/or recreation is currently within OPA Unit K05P. These areas are not recommended for reclassification to a System Unit.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit K05P, Fishermans Island, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	2,682	782	1,900	4.4	
Added to the CBRS	439	28	411		0
Removed from the CBRS	7	5	2		0
Reclassified Area ⁴	(23)	(7)	(16)		0
Final Recommended Unit	3,091	798	2,293	4.4	0
Net Change	409	16	393	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-09, Elliotts Creek,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Northampton

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-008A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-116A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit:

The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-09.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative actions:

- Federal Register* notice (62 FR 8258) published on February 24, 1997, in accordance with Section 3 of Pub. L. 101-591
- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-09 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-09 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-09 are described below.

Recommended Additions:

- Portions of Elliotts Creek

Other Modifications/Information:

- Areas of privately owned wetlands along the northern side of Elliotts Creek that are subject to a conservation easement (held by The Nature Conservancy), are currently within Unit VA-09. These areas are not recommended for reclassification to an Otherwise Protected Area because the conservation easement was not in place when they were first included in 1990 within the CBRS.

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-09, Elliotts Creek, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	2,682	782	1,900	4.4	
Added to the CBRS	439	28	411		0
Removed from the CBRS	7	5	2		0
Reclassified Area ⁴	(23)	(7)	(16)		0
Final Recommended Unit	3,091	798	2,293	4.4	0
Net Change	409	16	393	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-10, Old Plantation Creek, Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Northampton

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-008A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-116A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit:

The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-10.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the

2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-10 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-10 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-10 are described below.

Recommended Additions:

- Portions of Old Plantation Creek and small areas of undeveloped fastland, located to the south of Bay Creek Resort and Club and to the north, east, and northeast of Arlington

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-10, Old Plantation Creek, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	252	36	216	0.5	
Added to the CBRS	265	12	253		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	517	48	469	0.5	0
Net Change	265	12	253	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit VA-11, Wescoat Point, Virginia

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Northampton

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-008A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-116A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit:

The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-11.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- *Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-11 were received.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit VA-11 between proposed and final recommended are described below:

- The recommended boundary of the unit has been modified to better follow the break-in-development (i.e., where development ends, either immediately adjacent to the last structure in a cluster of structures or at the property parcel boundary of the last structure) along the southern edge of the unit. The southern lateral boundary has also been modified to be more perpendicular with the shoreline.

Final Recommended Changes:

The final recommended changes to Unit VA-11 are described below.

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat along Cherry-stone Inlet, Mill Creek, and Kings Creek, including a small undeveloped barrier spit located to the north of Kings Creek Marina and Resort
- Barrier fastland and associated aquatic habitat in the vicinity of Old Orchard Point, including about three residential structures and two auxiliary structures along Hoffer Drive
- Minor areas of privately owned wetlands that are subject to conservation easements (held by the Eastern Shore Soil and Water Conservation District, the Virginia Eastern Shore Land Trust, and the Chesapeake Bay Foundation), located along the northern side of Cherrystone Inlet

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-11, Wescoat Point, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	241	43	198	2.2	
Added to the CBRS	1,208	94	1,114		5
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	1,449	137	1,312	2.3	0
Net Change	1,208	94	1,114	0.1	5

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-12, Great Neck,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Northampton

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-011A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-117A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-12.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-12 were received.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit VA-12 between proposed and final recommended are described below:

- The landward boundary of the unit in the vicinity of Swan Drive has

been adjusted to better follow the shoreline. This adjustment results in the recommended removal of one additional structure along Swan Drive (beyond the removals originally proposed).

Final Recommended Changes:

The final recommended changes to Unit VA-12 are described below.

Recommended Removals:

- Twenty-one structures along Heron Drive, eight structures along Trout Lane, two structures along Swan Drive, and adjacent fastland

Recommended Additions:

- Portions of Hungars Creek
- A minor area of privately owned undeveloped fastland and wetlands that is subject to a conservation easement (held by the Virginia Outdoors Foundation), located along Hungars Creek in the vicinity of Wilsonia Neck

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-12, Great Neck, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	309	51	258	2.8	
Added to the CBRS	68	2	66		0
Removed from the CBRS	34	31	3		31
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	343	22	321	2.5	0
Net Change	34	(29)	63	(0.3)	(31)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-13, Westerhouse Creek,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Northampton

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-011A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-117A](#) dated December 18, 2020

Base Map Imagery Source and Date:

United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-13.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-13 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-13 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-13 are described as follows.

Recommended Removals:

- A small area of fastland near Westerhouse Road on the southern side of the unit

Other Modifications/Information:

- Modification of the southern lateral boundary of the unit to account for shoreline erosion
- An area of private property with a conservation easement (held by the Virginia Eastern Shore Land Trust and the Eastern Shore Soil and Water Conservation District) is currently within Unit VA-13 along Westerhouse Creek. This area is not recommended for reclassification to an Otherwise Protected Area (OPA) because the conservation easement was not in place when it was first included in 1990 within the CBRS.
- An area of private property with a conservation easement (held by The Nature Conservancy) is currently within Unit VA-13 along Westerhouse Creek. This area is not recommended for reclassification to an OPA because the conservation easement was not in place when it was first included in 1990 within the CBRS.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-13, Westerhouse Creek, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	160	9	151	0.4	
Added to the CBRS	0	0	0		0
Removed from the CBRS	1	1	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	159	8	151	0.4	
Net Change	(1)	(1)	0	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-14, Shooting Point,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Northampton

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-011A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-117A](#) dated December 18, 2020

Base Map Imagery Source and Date:

United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit:

The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-14.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-14 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-14 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-14 are described below.

Recommended Additions:

- A small tidal creek in the vicinity of Nassawadox Point

Other Modifications/Information:

- Areas of private property with conservation easements (held by the Virginia Eastern Shore Land Trust and the Eastern Shore Soil and Water Conservation District) are currently within Unit VA-14, in the vicinity of Shooting Point on the southern side of Nassawadox Creek. These areas are not recommended for reclassification to an Otherwise Protected Area because the conservation easements were not in place when they were first included in 1990 within the CBRS.

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-14, Shooting Point, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	411	14	397	1.0	
Added to the CBRS	13	1	12		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	424	15	409	1.0	
Net Change	13	1	12	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-16, Scarborough Neck,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Accomack, Northampton

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-012A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-118A](#) dated December 18, 2020

Base Map Imagery Source and Date:

United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-16.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- *Federal Register* notice (80 FR 25314) published on May 4,

2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

The Service received comments specific to Unit VA-16.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-16 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-16 are described below.

Recommended Removals:

- Small areas of fastland located along Scarborough Neck on the northern side of Bull Cove and a coastal pond south of Bull Cove

Recommended Additions:

- A small area of undeveloped fastland at Johns Point and associated aquatic habitat along Scarborough Neck, Occohannock Creek, Tawes Creek, Johnson Cove, and Killmon Cove

Recommended Reclassifications:

- From System Unit VA-16 to recommended new Otherwise Protected Area (OPA) Unit VA-16P: Areas of fastland and associated aquatic habitat located on Scarborough Neck in the vicinity of Bull Cove, most of which are privately owned and subject to conservation easements (held by the Virginia Outdoors Foundation and the Chesapeake Bay Foundation)

Other Modifications/Information:

- A small area of fastland and associated aquatic habitat located on the northern side of Scarborough Neck to the north of Bull Cove is recommended to be transferred from System Unit VA-16 to System Unit VA-17 to simplify the mapping between new OPA Unit VA-16P and the expansion of the adjacent existing System Unit VA-17 along Craddock Creek

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-16, Scarborough Neck, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	362	9	353	2.7	
Added to the CBRS	536	11	525		0
Removed from the CBRS	2	1	1		0
Reclassified Area ⁴	(118)	(7)	(111)		0
Transferred Area ⁵	(62)	(1)	(61)		
Final Recommended Unit	716	11	705	2.2	
Net Change	354	2	352	(0.5)	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

⁵ The net change The net change includes one acre of fastland and 61 acres of associated aquatic habitat that were transferred from System Unit VA-16 to System Unit VA-17. This transfer between two units of the same type does not change the CBRA restrictions on Federal expenditures and financial assistance in these areas.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit VA-16P, Scarborough Neck, Virginia

Summary of Final Recommended Changes

Type of Unit: Recommended new Otherwise Protected Area (OPA)

County: Accomack

Congressional District: 2

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-118A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018,

through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

The Service received comments specific to Unit VA-16P.

Changes between Proposed and Final Recommended Boundaries: The changes to Unit VA-16P between proposed and final recommended are described below:

- The landward boundary of Unit VA-16P, along Scarborough Neck in the vicinity of Bull Cove, has been modified to maintain within the CBRS a minor area of undeveloped fastland (rather than remove it from the CBRS as originally proposed)

Recommended New Unit: The area recommended for inclusion within new OPA Unit VA-16P is mostly within the boundaries of existing

System Unit VA-16, which was established by the Coastal Barrier Improvement Act (Pub. L. 101-591 enacted on November 16, 1990). The areas within this recommended new OPA that are currently within Unit VA-16 are recommended for reclassification from a System Unit to an OPA. The remaining areas within this recommended new OPA are not currently within the CBRS.

Included within new OPA Unit VA-16P are the following area(s):

- Areas of fastland and associated aquatic habitat located on Scarborough Neck in the vicinity of Bull Cove, most of which are privately owned and subject to conservation easements (held by the Virginia Outdoors Foundation and the Chesapeake Bay Foundation)

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-16P, Scarborough Neck, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	0	0	0	0.0	
Added to the CBRS	8	0	8		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	118	7	111		0
Final Recommended Unit	126	7	119	1.0	0
Net Change	126	7	119	1.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit VA-17, Craddock Neck, Virginia

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Accomack

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-012A](#) dated August 1, 2014

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [51-118A](#) dated December 18, 2020
- Draft map [51-119A](#) dated December 18, 2020

Base Map Imagery Source and Date:

United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit:

The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-17.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- *Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-17 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-17 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-17 are described as follows.

Recommended Additions:

- Wetlands and open water located on Craddock Neck along Craddock Creek and Nandua Creek

Other Modifications/Information:

- A small area of fastland and associated aquatic habitat located on the northern side of Scarborough Neck to the north of Bull Cove is recommended to be transferred from System Unit VA-16 to System Unit VA-17 to simplify the mapping between new Otherwise Protected Area (OPA) Unit VA-16P and the expansion of System Unit VA-17 along Craddock Creek
- An area of private property located along Hyslop Marsh that is subject to conservation easements (held by the Virginia Eastern Shore Land Trust, and the Eastern Shore Soil and Water Conservation District) is currently within System Unit VA-17. This area is not recommended for reclassification to an OPA because the conservation easements were not in place when it was first included in 1990 within the CBRS.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acree, Shoreline, and Structure Information for Unit VA-17, Craddock Neck, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	1,196	4	1,192	3.1	
Added to the CBRS	652	1	651		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Transferred Area ⁵	62	1	61		
Final Recommended Unit	1,910	6	1,904	3.5	
Net Change	714	2	712	0.4	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

⁵ The net change The net change includes one acre of fastland and 61 acres of associated aquatic habitat that were transferred from System Unit VA-16 to System Unit VA-17. This transfer between two units of the same type does not change the CBRA restrictions on Federal expenditures and financial assistance in these areas.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit VA-17P, Craddock Neck, Virginia

Summary of Final Recommended Changes

Type of Unit: Recommended new Otherwise Protected Area (OPA)

County: Accomack

Congressional District: 2

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-118A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-17P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-17P between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new OPA Unit VA-17P is not currently within the CBRS.

Included within new OPA Unit VA-17P are the following area(s):

- Undeveloped fastland and wetlands located on Craddock Neck between Craddock Creek and Nandua Creek that are subject to conservation easements (held by the Virginia Eastern Shore Land Trust, and the Eastern Shore Soil and Water Conservation District), including two structures

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-17P, Craddock Neck, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	0	0	0	0.0	
Added to the CBRS	269	49	220		2
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0	0	0
Final Recommended Unit	269	49	220	0.0	
Net Change	269	49	220	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-18, Hacks Neck,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Accomack

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-013A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-119A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-18.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-18 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-18 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-18 are described below.

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat along Hacks Neck, located between Nandua Creek and Pungoteague Creek
- Wetlands and open water located in and along Nandua Creek

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-18, Hacks Neck, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	977	6	971	3.2	
Added to the CBRS	1,185	8	1,177		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	2,162	14	2,148	5.2	
Net Change	1,185	8	1,177	2.1	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-19, Parkers/Finneys Islands,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Accomack

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-013A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-119A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-19.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-19 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-19 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-19 are described below.

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat along Sluitkill Neck and Broadway Neck between Pungoteague Creek and Onancock Creek
- A minor area of wetlands in the vicinity of West Point that is owned by The Conservation Fund and held for conservation and/or recreation

Recommended Reclassifications:

- From Otherwise Protected Area Unit VA-20P to System Unit VA-19: Portions of Onancock Creek, which are open water and not held for conservation and/or recreation purposes

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-19, Parkers/Finneys Islands, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	896	0	896	2.8	
Added to the CBRS	2,440	14	2,426		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	266	0	288		0
Final Recommended Unit	3,624	14	3,610	4.5	
Net Change	2,728	14	2,714	1.7	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-20, Parkers Marsh,
Virginia**

Summary of Final Recommended Changes

Type of Unit: Recommended new System Unit

County: Accomack

Congressional District: 2

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [51-119A](#) dated December 18, 2020
- Draft map [51-120A](#) dated December 18, 2020
- Draft map [51-121A](#) dated December 18, 2020
- **Base Map Imagery Source and Date:** United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held

a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-20 were received.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit VA-20 between proposed and final recommended are described below:

- A small portion of the landward boundary has been modified to smooth and simplify the boundary in the vicinity of Crystal Beach Road

Recommended New Unit: The area recommended for inclusion within new System Unit VA-20 is partially within the boundaries of existing

Otherwise Protected Area (OPA) Unit VA-20P, which was established by the Coastal Barrier Improvement Act (Pub. L. 101-591 enacted on November 16, 1990). The areas within this recommended new unit that are currently within Unit VA-20P are recommended for reclassification from an OPA to a System Unit. The remaining areas within this recommended new System Unit are not currently within the CBRS.

Included within new System Unit VA-20 are the following area(s):

- Undeveloped fastland and associated aquatic habitat between Back Creek and Pompcoc Creek, including Tobacco Island, Rogue Island, and areas north of Crystal Beach Road. The new unit area includes one residential structure along India Lane and two residential structures along Schooner Bay Road.

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acres, Shoreline, and Structure Information for Unit VA-20, Parkers Marsh, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	0	0	0	0.0	
Added to the CBRS	2,050	20	2,030		2
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	343	6	337		1
Final Recommended Unit	2,393	26	2,367	3.3	
Net Change	2,393	26	2,367	3.3	3

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-20P, Parkers Marsh,
Virginia**

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Accomack

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-013A](#) dated August 1, 2014

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [51-119A](#) dated December 18, 2020
- Draft map [51-121A](#) dated December 18, 2020

Base Map Imagery Source and Date:

United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub.

L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-20P.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-20P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-20P between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-20P are described below.

Recommended Reclassifications:

- From OPA Unit VA-20P to System Unit VA-19: Portions of Onancock Creek, which are open water and not held for conservation and/or recreation purposes
- From OPA Unit VA-20P to recommended new System Unit VA-20: Areas of fastland and associated aquatic habitat along Back Creek that are not held for conservation and/or recreation, including one residential structure along India Lane

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-20P, Parkers Marsh, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	1,412	8	1,404	3.6	
Added to the CBRS	0	0	0		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	(631)	(6)	(625)		(1)
Final Recommended Unit	781	2	779	2.1	
Net Change	(631)	(6)	(625)	(1.5)	(1)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit VA-21, Beach Island, Virginia

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Accomack

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-015A](#) dated August 1, 2014

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [51-120A](#) dated December 18, 2020
- Draft map [51-121A](#) dated December 18, 2020

Base Map Imagery Source and Date:

United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-21.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-21 were received.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit VA-21 between proposed and final recommended are described below:

- The coincident boundary between System Unit VA-21 and recommended new Otherwise Protected Area (OPA) Unit VA-22P has been modified to better follow the eastern edge of the channel between Big Marsh and Russell Island on updated base map imagery.

Final Recommended Changes: The final recommended changes to Unit VA-21 are described below.

Recommended Additions:

- Associated aquatic habitat located to the east of Beach Island
- Portions of Big Marsh (owned by The Nature Conservancy (TNC)). TNC concurred with the addition of this area as System Unit rather than OPA.

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-21, Beach Island, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	70	0	70	0.7	
Added to the CBRS	1,393	0	1,393		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	1,463	0	1,463	2.7	
Net Change	1,393	0	1,393	2.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-22P, Russell Island,
Virginia**

Summary of Final Recommended Changes

Type of Unit: Recommended new Otherwise Protected Area (OPA)

County: Accomack

Congressional District: 2

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-120A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area

of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-22P were received.

Changes between Proposed and Final Recommended Boundaries: The changes to Unit VA-22P between proposed and final recommended are described below:

- The coincident boundary between System Unit VA-21 and recommended new OPA Unit VA-22P has been modified to better follow the eastern edge of the channel between Big Marsh and Russell Island on updated base map imagery.

Recommended New Unit: The area recommended for inclusion within new OPA Unit VA-22P is not currently within the CBRS.

Included within new OPA Unit VA-22P are the following area(s):

- Portions of Russell Island and associated aquatic habitat that are privately owned and subject to a conservation easement (held by The Nature Conservancy)
- One hunting lodge located on Russell Island

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-22P, Russell Island, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	0	0	0	0.6	
Added to the CBRS	290	0	290		1
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	290	0	290	1.3	
Net Change	290	0	290	1.3	1

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-22, Russell Island,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Accomack

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-015A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-120A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit:

The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-22.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-22 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-22 between proposed and final recommended.

Final Recommended Changes: There are no recommended changes to this unit.

Other Modifications/Information:

- The eastern portion of Russell Island, which is privately owned and subject to a conservation easement held by The Nature Conservancy, is currently within System Unit VA-22. This area is not recommended for reclassification to an Otherwise Protected Area because the conservation easement was placed on the property after the area was first included in 1990 within the CBRS.

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-22, Russell Island, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	83	0	83	0.6	
Added to the CBRS	0	0	0		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	83	0	83	0.6	
Net Change	0	0	0	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-23, Simpson Bend,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Accomack

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-014A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-120A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-23.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative actions:

- *Federal Register* notice (62 FR 8258) published on February 24, 1997, in accordance with Section 3 of Pub. L. 101-591

- *Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-23 were received.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit VA-23 between proposed and final recommended are described below:

- The boundary has been modified to better follow the northern side of Guilford Creek on updated base map imagery

Final Recommended Changes: The final recommended changes to Unit VA-23 are described below.

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat along the landward boundary of the unit between Hunting Creek and Guilford Creek
- Webb Island and Half Moon Island, including one cabin located in an area of wetlands
- Portions of Clam Marshes (owned by The Nature Conservancy (TNC))
- One residential structure located on an area of fastland surrounded by wetlands along Youngs Creek Road
- One residential structure and two accessory structures located on an island along Anns Cove Road

Other Modifications/Information:

- Portions of Clam Marshes (owned by TNC) are currently located within and recommended for addition to System Unit VA-23. TNC concurred with classifying these areas as System Unit rather than Otherwise Protected Area.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-23, Simpson Bend, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	83	0	83	0.6	
Added to the CBRS	0	0	0		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	83	0	83	0.6	
Net Change	0	0	0	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-24, Drum Bay,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Accomack

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-014A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-122A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-24.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-24 were received.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit VA-24 between proposed and final recommended are described below:

- A portion of the boundary has been modified to apply a consistent buffer (i.e., space between the boundary and the feature it is intended to follow) along the developed shoreline of Starling Creek on updated base map imagery.

Final Recommended Changes: The final recommended changes to Unit VA-24 are described below.

Recommended Additions:

- Starling Creek, located to the south of Saxis Island

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-24, Drum Bay, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit ⁴	1,039	1	1,038	2.5	
Added to the CBRS	5,298	19	5,279		4
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	6,337	20	6,317	4.7	
Net Change	5,298	19	5,279	2.2	4

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data and other data sources as necessary.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-25, Fox Islands,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Accomack

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-016A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-123B](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-25.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-25 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-25 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-25 are described below.

Recommended Additions:

- Green Harbor Island (owned by the Chesapeake Bay Foundation (CBF)) and associated aquatic habitat in the vicinity of Cedar Straits south of Watkins Point

Other Modifications/Information:

- Areas owned by the CBF and held for conservation and/or recreation (including Fox Island Environmental Education Center) are both currently within and recommended for addition to System Unit VA-25. The CBF concurred with classifying these areas as System Unit rather than Otherwise Protected Area.

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-25, Fox Islands, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	466	0	466	2.0	
Added to the CBRS	168	0	168		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	634	0	634	2.0	
Net Change	168	0	168	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit VA-26, Cheeseman Island, Virginia

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Accomack

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-017A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-124B](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-26.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-26 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-26 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-26 are described below.

Recommended Additions:

- Fishbone Island, Goose Island, and associated aquatic habitat located in the vicinity of Tangier Sound north of Tangier Island
- Wetlands and open water located along Shanks Creek and Tyler Creek in the vicinity of Fishing Creek Marsh and South Point Marsh, most of which is owned by the Chesapeake Bay Foundation (CBF) and held for conservation and/or recreation

Other Modifications/Information:

- Areas owned by the CBF and held for conservation and/or recreation are both currently within and recommended for addition to System Unit VA-26. The CBF concurred with classifying these areas as System Unit rather than Otherwise Protected Area.

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-26, Cheeseman Island, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	1,101	12	1,089	4.0	
Added to the CBRS	4,246	0	4,246		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	5,347	12	5,335	6.5	
Net Change	4,246	0	4,246	2.5	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-27, Watts Island,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Accomack

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-018A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-121A](#) dated December 18, 2020

Base Map Imagery Source and Date:

United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-27.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-27 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-27 between proposed and final recommended.

Final Recommended Changes: There are no recommended changes to this unit.

Other Modifications/Information:

- The Watts Island Division of the Chesapeake Marshlands National Wildlife Refuge Complex (owned by the Service) is currently located within System Unit VA-27. This area is not recommended for reclassification to an Otherwise Protected Area because it was acquired by the Service after it was first included in 1990 within the CBRS.

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-27, Watts Island, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	1,985	13	1,972	0.0	
Added to the CBRS	0	0	0		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	1,985	13	1,972	0.0	
Net Change	0	0	0	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit VA-28, Tangier Island, Virginia

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Accomack

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-018A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-125A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-28.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-28 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-28 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-28 are described below.

Recommended Removals:

- An area of open water in the north-western part of Mailboat Harbor along Tangier North Channel
- A small area of associated aquatic habitat along West Ridge Creek

Recommended Additions:

- Associated aquatic habitat along Mailboat Harbor and West Ridge Creek

Recommended Reclassifications:

- From System Unit VA-28 to recommended new Otherwise Protected Area Unit VA-28P: Port Isobel Island Environmental Education Center (owned by the Chesapeake Bay Foundation), including eight non-residential structures associated with the operation of the Education Center

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-28, Tangier Island, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	1,941	017	1,924	2.3	
Added to the CBRS	11	0	11		0
Removed from the CBRS	7	0	7		0
Reclassified Area ⁴	(122)	(17)	(105)		(8)
Final Recommended Unit	1,823	0	1,823	2.3	
Net Change	(118)	(17)	(101)	0.0	(8)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit VA-28P, Tangier Island, Virginia

Summary of Final Recommended Changes

Type of Unit: Recommended new Otherwise Protected Area (OPA)

County: Accomack

Congressional District: 2

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-125A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-28P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-28P between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new OPA Unit VA-28P is entirely within the boundaries of existing System Unit VA-28, which was established by the Coastal Barrier Improvement Act (Pub. L. 101-591 enacted on November 16, 1990).

Included within new OPA Unit VA-28P are the following area(s):

- Port Isobel Island Environmental Education Center (owned by the Chesapeake Bay Foundation), including eight non-residential structures associated with the operation of the Education Center

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-28P, Tangier Island, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	0	0	0	0.0	
Added to the CBRS	0	0	0		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	122	17	105		8
Final Recommended Unit	122	17	105	0.0	
Net Change	122	17	105	0.0	8

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-29, Elbow Point,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Westmoreland

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-019A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-126A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-29.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-29 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-29 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-29 are described below.

Recommended Removals:

- One structure along Thomas Court
- Small areas of undeveloped fastland located south of Haulover Drive and along the eastern shoreline of Cold Harbor Creek

Recommended Additions:

- Associated aquatic habitat along the landward boundary of the unit

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acres, Shoreline, and Structure Information for Unit VA-29, Elbow Point, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	1,353	11	1,342	3.3	
Added to the CBRS	61	3	58		0
Removed from the CBRS	9	1	8		1
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	1,405	13	1,392	3.3	
Net Change	52	2	50	0.0	(1)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-30, White Point,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Westmoreland

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-019A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-126A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-30.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-30 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-30 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-30 are described as follows.

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat along Nomini Creek, including Cedar Island and portions of Matthews Point
- Minor areas of privately owned fastland and wetlands located along Buckner Creek that are subject to conservation easements (held by the Northern Neck Soil and Water Conservation District, and the Virginia Outdoors Foundation)

Other Modifications/Information:

- An area that is privately owned but subject to conservation easements (held by the Northern Neck Soil and Water Conservation District, and the Virginia Outdoors Foundation) is currently located within System Unit VA-30. This area is not recommended for reclassification to an Otherwise Protected Area because the conservation easements were placed on the property after the area was first included within the CBRS in 1990.

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acres, Shoreline, and Structure Information for Unit VA-30, White Point, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	347	23	324	1.3	
Added to the CBRS	100	4	96		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	447	27	420	1.9	
Net Change	100	4	96	0.6	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-31, Cabin Point,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Westmoreland

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-020A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-126A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-31.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-31 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-31 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-31 are described below.

Recommended Removals:

- Four structures located along Royal Way at Cabin Point

Recommended Additions:

- Small areas of wetlands along Cabin Point Creek

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-31, Cabin Point, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	133	18	115	0.9	
Added to the CBRS	3	1	2		0
Removed from the CBRS	3	3	0		4
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	133	16	117	0.9	
Net Change	0	(2)	2	0.0	(4)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-32, Glebe Point,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Westmoreland

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-020A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-126A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-32.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-32 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-32 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-32 are described below.

Recommended Additions:

- Associated aquatic habitat along Aimes Creek, Glebe Creek, and Machodoc Creek

Other Modifications/Information:

- Modification of the boundary of the unit to buffer (i.e., leave space between the boundary and the feature it is intended to follow) along the developed shoreline, which results in minor removals of associated aquatic habitat from the unit

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-32, Glebe Point, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	175	15	160	0.8	
Added to the CBRS	4	1	3		0
Removed from the CBRS	3	2	1		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	176	14	162	0.8	
Net Change	1	(1)	2	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-33, Sandy Point,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Westmoreland

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-021A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-127A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-33.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-33 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-33 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-33 are described below.

Recommended Removals:

- Undeveloped fastland located west of Skipjack Road

Recommended Additions:

- A small undeveloped beach area located on the northern side of Sandy Point

Other Modifications/Information:

- A minor area of privately owned property that is subject to a conservation easement (held by the Virginia Outdoors Foundation) is currently located within System Unit VA-33. This area is not recommended for reclassification to an Otherwise Protected Area because the conservation easement was placed on the property after the area was first included within the CBRS in 1990.

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acres, Shoreline, and Structure Information for Unit VA-33, Sandy Point, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	36	3	33	0.3	
Added to the CBRS	1	0	1		0
Removed from the CBRS	2	2	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	35	1	34	0.4	
Net Change	(1)	(2)	1	0.1	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-34, Judith Sound,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Northumberland

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-021A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-127A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-34.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-34 were received.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit VA-34 between proposed and final recommended are described below:

- A portion of the boundary has been modified to apply a consistent buffer (i.e., space between the bound-

ary and the feature it is intended to follow) along Lewisetta Road on updated base map imagery

Final Recommended Changes: The final recommended changes to Unit VA-34 are described below.

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat along Kingscote Creek (to the south of Lewisetta Road) and along Garners Creek
- A minor area of privately owned associated aquatic habitat along Garners Creek that is subject to a conservation easement held by the Virginia Outdoors Foundation

Other Modifications/Information:

- Modification of the boundary of the unit to buffer (i.e., leave space between the boundary and the feature it is intended to follow) along the developed shoreline of Judith Sound, which results in minor removals of fastland and associated aquatic habitat from the unit

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-34, Judith Sound, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	163	11	152	1.0	
Added to the CBRS	150	7	143		0
Removed from the CBRS	1	1	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	312	17	295	1.5	
Net Change	149	6	143	0.5	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-35, Cod Creek,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Northumberland

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-022A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-128A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-35.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-35 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-35 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-35 are described below.

Recommended Additions:

- Small areas of undeveloped barrier fastland and associated aquatic habitat located along the lateral boundaries of the unit
- Small areas of associated aquatic habitat along Cod Creek

Other Modifications/Information:

- Modification of the boundary of the unit to buffer (i.e., leave space between the boundary and the feature it is intended to follow) along portions of the developed shoreline of Cod Creek, which results in minor removals of associated aquatic habitat from the unit

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-35, Cod Creek, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	135	3	132	0.7	
Added to the CBRS	2	1	1		0
Removed from the CBRS	3	0	3		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	134	4	130	0.8	
Net Change	(1)	1	(2)	0.1	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-36, Presley Creek,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Northumberland

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-022A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-128A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-36.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative actions:

- Federal Register* notice (62 FR 8258) published on February 24, 1997, in accordance with Section 3 of Pub. L. 101-591
- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area

of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-36 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-36 between proposed and final recommended.

Final Recommended Changes: There are no recommended changes to this unit.

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acres, Shoreline, and Structure Information for Unit VA-36, Presley Creek, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	102	9	93	0.5	
Added to the CBRS	0	0	0		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	102	9	93	0.5	
Net Change	0	0	0	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-37, Cordreys Beach,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Northumberland

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-022A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-128A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-37.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-37 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-37 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-37 are described below.

Other Modifications/Information:

- Modification of the boundary of the unit to buffer (i.e., leave space between the boundary and the feature it is intended to follow) along a portion of the developed shoreline of Rogers Creek, which results in a minor removal of associated aquatic habitat from the unit

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-37, Cordreys Beach, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	128	4	124	0.6	
Added to the CBRS	0	0	0		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	128	4	124	0.6	
Net Change	0	0	0	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit VA-38, Marshalls Beach, Virginia

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Northumberland

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-022A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-128A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-38.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-38 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-38 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-38 are described below.

Recommended Removals:

- A small area of undeveloped fastland along Fleet Road, including a small portion of Fleet Road

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat between the Potomac River and Lowes Pond, located in the vicinity of the western end of Fleet Road

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-38, Marshalls Beach, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	75	6	69	0.3	
Added to the CBRS	2	2	0		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	77	8	69	0.3	
Net Change	2	2	0	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-39P, Ginny Beach,
Virginia**

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Northumberland

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-023A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-129A](#) dated December 18, 2020

Base Map Imagery Source and Date:

United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-39P.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-39P were received.

Changes between Proposed and Final Recommended Boundaries: The changes to Unit VA-39P between proposed and final recommended are described below:

- A portion of the boundary has been modified to apply a consistent buffer

(i.e., space between the boundary and the feature it is intended to follow) along Tranquility Road on updated base map imagery

Final Recommended Changes: The final recommended changes to Unit VA-39P are described below.

Recommended Additions:

- A small area of fastland and wetlands that is owned by the Virginia Outdoors Foundation and held for conservation and/or recreation, located to the east of Lighthouse View Drive near the Little Wicomico River
- Bamboo Island and associated aquatic habitat along the Little Wicomico River. These areas are not held for conservation and/or recreation.

Other Modifications/Information:

- Modification of the southern lateral boundary of the unit to follow the southern side of the inlet between the Little Wicomico River and the Potomac River

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-39P, Ginny Beach, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	108	61	47	1.1	
Added to the CBRS	183	4	179		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	291	65	226	1.2	
Net Change	183	4	179	0.1	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-40, Gaskin Pond,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Northumberland

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-023A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-129A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-40.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-40 were received.

Changes between Proposed and Final Recommended Boundaries: The changes to Unit VA-40 between proposed and final recommended are described as follows:

- Minor modifications have been made to the boundary to better fit the updated base map imagery

Final Recommended Changes: The final recommended changes to Unit VA-40 are described below.

Recommended Additions:

- Undeveloped barrier fastland and associated aquatic habitat along the northern and southern ends of the unit
- Small areas of associated aquatic habitat along Gaskin Pond

Other Modifications/Information:

- A minor privately owned area of wetlands and barrier fastland that is subject to a conservation easement (held by the Virginia Outdoors Foundation) is currently located within System Unit VA-40. This area is not recommended for reclassification to an Otherwise Protected Area.

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-40, Gaskin Pond, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	84	4	80	0.3	
Added to the CBRS	11	2	9		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	95	6	89	0.6	
Net Change	11	2	9	0.3	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-41, Owens Pond,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Northumberland

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-023A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-129A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-41.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments

received and the Service’s responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-41 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-41 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-41 are described below.

Recommended Additions:

- Small areas of associated aquatic habitat along Owens Pond

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-41, Owens Pond, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	129	5	124	0.7	
Added to the CBRS	1	0	1		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	130	5	125	0.7	
Net Change	1	0	1	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery: Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-42, Chesapeake Beach, Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Northumberland

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-023A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-129A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-42.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses,

see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-42 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-42 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-42 are described below.

Recommended Removals:

- One structure at the southern end of Chesapeake Beach Road

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-42, Chesapeake Beach, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	33	9	24	0.4	
Added to the CBRS	0	0	0		0
Removed from the CBRS	0	0	0		1
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	33	9	24	0.4	
Net Change	0	0	0	0.0	(1)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-43, Fleet Point,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Northumberland

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-023A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-129A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-43.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses,

see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-43 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-43 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-43 are described below.

Recommended Additions:

- Small areas of associated aquatic habitat along the landward boundary of the unit

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-43, Fleet Point, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	23	5	18	0.5	
Added to the CBRS	0	0	0		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	23	5	18	0.5	
Net Change	1	(1)	2	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-44, Bussel Point,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Northumberland

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-023A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-129A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-44.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-44 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-44 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-44 are described below.

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat located on the eastern side of Sandy Point along the Great Wicomico River
- Undeveloped fastland and associated aquatic habitat located on the southern side of Cranes Creek in the vicinity of Bussel Point

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-44, Bussel Point, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	55	3	52	0.5	
Added to the CBRS	4	1	3		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	59	4	55	0.6	
Net Change	4	1	3	0.1	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-45, Harveys Creek,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Northumberland

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-023A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-130A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-45.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-45 were received.

Changes between Proposed and Final Recommended Boundaries: The changes to Unit VA-45 between proposed and final recommended are described below:

- A minor modification has been made to the boundary to better fit the updated base map imagery

Final Recommended Changes: The final recommended changes to Unit VA-45 are described below.

Recommended Removals:

- Three structures along the southern end of Ingram Bay Drive

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat along Harveys Creek and Mill Creek, including Clay Point

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Technical Correction Assessment: The Service has completed a Technical Correction Assessment to address a request that was received to determine whether a mapping error exists for a specific area within this unit. The assessment can be found on page K-78 in appendix K of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*.

Acreeage, Shoreline, and Structure Information for Unit VA-45, Harveys Creek, Virginia

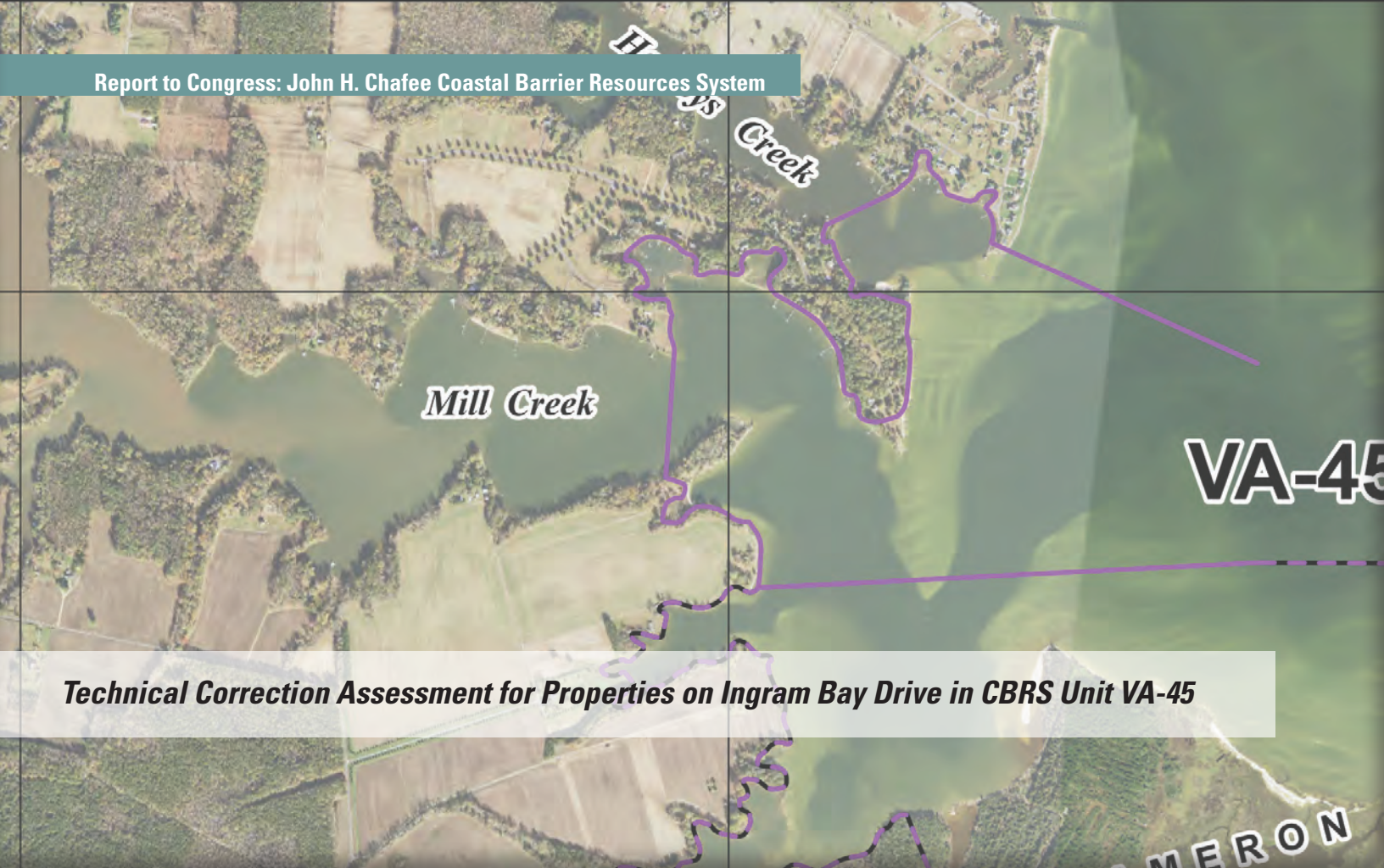
	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	54	2	52	0.8	
Added to the CBRS	114	7	107		0
Removed from the CBRS	1	1	1		3
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	167	8	159	0.7	
Net Change	113	6	107	(0.1)	(3)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.



Technical Correction Assessment for Properties on Ingram Bay Drive in CBRS Unit VA-45

Overview

The John H. Chafee Coastal Barrier Resources System (CBRS) is depicted on a set of maps that is maintained by the U.S. Fish and Wildlife Service (Service). Aside from three minor exceptions,¹ only legislation enacted by Congress can modify the CBRS maps. A “technical correction” is a correction to a CBRS map to fix a legitimate mapping error. The Service receives numerous requests from property owners and other interested parties who seek to remove areas from the CBRS based on an alleged technical mapping error. The Service considers a technical mapping error to be a mistake in the delineation of the CBRS boundaries that was made as a result of incorrect, outdated, or incomplete information (often stemming from inaccuracies on the original base maps).

The Service generally does not recommend removal of areas from the CBRS unless there is clear and compelling evidence that a technical mapping error led to their inclusion within the CBRS. In order to determine whether a technical mapping error exists, the Service conducts a comprehensive review of the history of the CBRS unit in question which generally includes an assessment of the Service’s background records for the unit, the controlling and historical CBRS maps of the area, the historical development status of the area, aerial imagery, and any materials submitted by property owners and other interested parties. When the Service determines that a technical correction to a map is warranted, we prepare a new comprehensively

modernized map for the area. The updated map becomes effective only if adopted through legislation enacted by Congress. The Service was first contacted in 2005 by an interested party regarding a property on Ingram Bay Drive in the Towles Landing subdivision in Heathsville, Virginia, which is located within CBRS Unit VA-45. The interested party represented the property owners who were trying to sell their home, but were having a problem finding a buyer who could obtain a loan without Federal flood insurance. Following that first request, the Service was contacted by a member of Congress on behalf of the property owners and directly by the property owners themselves. The interested party and property owners requested that the home and the neighboring lots be removed from the CBRS as they believe these properties are within the CBRS in error.

Service Findings

The Service has carefully assessed all of the information provided by the parties indicated above as well as the materials that are typically reviewed as part of a technical correction assessment. The Service found that three properties on Ingram Bay Drive (including the property from the initial request) within Unit VA-45 are appropriate for removal from the CBRS. The Coastal Barrier Resources Act (CBRA) development criteria and the Service’s findings related to this technical correction assessment are explained in further detail below.

Technical Correction Assessment for Properties on Ingram Bay Drive in CBRS Unit VA-45 (continued)

CBRA Development Criteria and CBRS Boundary Intent

CBRA requires that the Service consider the following criteria in determining whether a coastal barrier was undeveloped at the time of inclusion within the CBRS: (A) the density of development was less than one structure per five acres of land above mean high tide; and (B) there was existing infrastructure consisting of (i) a road, with a reinforced road bed, to each lot or building site in the area; (ii) a wastewater disposal system sufficient to serve each lot or building site in the area; (iii) electric service for each lot or building site in the area; and (iv) a fresh water supply for each lot or building site in the area (16 U.S.C. 3503(g)(1)).² When assessing whether an area may be appropriate for removal, the Service also considers the location of geomorphic, cultural, and development features on the ground at the time the area was included within the CBRS (i.e., whether the CBRS boundary lines on the maps precisely follow the underlying features they were intended to follow on the ground).

The Service's review of the area found that it was first included in 1990 within the CBRS. At that time, many homes had already been constructed in the Towles Landing subdivision along the shore of the bay, including two structures that were included within the CBRS. In addition, the Service found that this development was not depicted on the 1968 U.S. Geological Survey topographic quadrangle that was used as the base map for the October 24, 1990, CBRS map, and the surface features were depicted incorrectly as sand. Therefore, the three properties on Ingram Bay Drive

are appropriate for removal from the CBRS. Because it was determined that the CBRS boundary did not accurately follow the underlying features it was intended to follow on the ground in this area, a review of density and infrastructure was not needed.

¹ The administrative authority of the Service to make changes to the CBRS boundaries is limited to changes made as a result of natural forces (such as erosion and accretion), voluntary additions by property owners, and additions of excess property to the CBRS (16 U.S.C. § 3503).

² *Coastal Barrier Resources*, U.S. Code 16 (2018), § 3503(g)(1).

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-63P, Dameron Marsh,
Virginia**

Summary of Final Recommended Changes

Type of Unit: Recommended new Otherwise Protected Area (OPA)

County: Northumberland

Congressional District: 1

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-130A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-63P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-63P between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new OPA Unit VA-63P is not currently within the CBRS.

Included within new OPA Unit VA-63P are the following area(s):

- Dameron Marsh Natural Area Preserve (owned by the Virginia Department of Conservation and Recreation) and a portion of a local park (owned by Northumberland County)
- Privately owned undeveloped fastland and associated aquatic habitat that is subject to a conservation easement (held by The Nature Conservancy), located along Ball Creek
- Undeveloped fastland and associated aquatic habitat that are privately owned and not held for conservation and/or recreation, located along the eastern side of Ball Neck

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-63P, Dameron Marsh, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	0	0	0	0.0	
Added to the CBRS	834	155	679		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	834	155	679	5.0	
Net Change	834	155	679	5.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-46, Ingram Cove,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Northumberland

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-024A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-130A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-46.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the

2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-46 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-46 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-46 are described below.

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat along Salt Pond, in the vicinity of Hughletts Neck to the north of Salt Pond, and in Ingram Cove

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-46, Ingram Cove, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	29	5	24	0.3	
Added to the CBRS	23	7	16		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	52	12	40	0.9	
Net Change	23	7	16	0.6	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-47P, Bluff Point Neck, Virginia**

Summary of Final Recommended Changes

Type of Unit: Recommended new Otherwise Protected Area (OPA)

County: Northumberland

Congressional District: 1

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-130A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-47P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-47P between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new OPA Unit VA-47P is not currently within the CBRS.

Included within new OPA Unit VA-47P are the following area(s):

- Portions of Hughlett Point Natural Area Preserve (owned by the Virginia Department of Conservation and Recreation)
- Associated aquatic habitat within Dividing Creek that is not held for conservation and/or recreation

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-47P, Bluff Point Neck, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	0	0	0	0.0	
Added to the CBRS	260	106	154		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	260	106	154	0.8	
Net Change	260	106	154	0.8	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-47, Bluff Point Neck,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Northumberland

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-024A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-130A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-47.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-47 were received.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit VA-47 between proposed and final recommended are described below:

- Minor modifications have been made to the boundary to better fit the updated base map imagery in the vicinity of Jarvis Point

Final Recommended Changes: The final recommended changes to Unit VA-47 are described below.

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat between Kent Point and Jarvis Point along Jarvis Creek and along Bluff Point Neck

Other Modifications/Information:

- A portion of Hughlett Point Natural Area Preserve (owned by the Virginia Department of Conservation and Recreation) is currently located within System Unit VA-47. This area is not recommended for reclassification to an Otherwise Protected Area because it was acquired by the State after the area was first included in 1990 within the CBRS.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acres, Shoreline, and Structure Information for Unit VA-47, Bluff Point Neck, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	469	24	445	2.3	
Added to the CBRS	64	2	62		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	533	26	507	2.3	
Net Change	64	2	62	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-48, Barnes Creek,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Northumberland

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-024A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-130A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-48.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-48 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-48 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-48 are described below.

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat along Barnes Creek
- A minor area of privately owned wetlands along Barnes Creek that is subject to a conservation easement held by the North American Land Trust

Other Modifications/Information:

- An area of privately owned wetlands that is subject to a conservation easement (held by the North American Land Trust) is located within System Unit VA-48 at Bluff Point. This area is not recommended for reclassification to an Otherwise Protected Area because the conservation easement was not in place when this area was first included in 1990 within the CBRS.

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-48, Barnes Creek, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	232	0	232	1.4	
Added to the CBRS	41	5	36		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	273	5	268	1.4	
Net Change	41	5	36	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-49, North Point,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Lancaster

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-024A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-131A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-49.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-49 were received.

Changes between Proposed and Final Recommended Boundaries: The changes to Unit VA-49 between proposed and final recommended are described below:

- Portions of the landward boundary in the southern end of Unit VA-49 have been modified to buffer (i.e.,

leave space between the boundary and the feature it is intended to follow) along Windmill Point Road, which results in minor removals of fastland and associated aquatic habitat from the unit

Final Recommended Changes: The final recommended changes to Unit VA-49 are described below.

Recommended Additions:

- Associated aquatic habitat in Little Bay
- A small area of undeveloped fastland and associated aquatic habitat along the Rappahannock River located west of Burke’s Lane

Other Modifications/Information:

- Modification of the boundary of the unit to buffer (i.e., leave space between the boundary and the feature it is intended to follow) along Windmill Point Road, which results in minor removals of fastland and associated aquatic habitat from the unit

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-49, North Point, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	245	20	225	1.5	
Added to the CBRS	101	2	99		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	346	22	324	1.6	
Net Change	101	2	99	0.1	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-64, Little Bay, Virginia**

Summary of Final Recommended Changes

Type of Unit: Recommended new System Unit

County: Lancaster

Congressional District: 1

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-131A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-64 were received.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit VA-64 between proposed and final recommended are described below:

- Minor modifications have been made to the boundary to better fit the updated base map imagery

Recommended New Unit: The area recommended for inclusion within new System Unit VA-64 is not currently within the CBRS.

Included within new System Unit VA-64 are the following area(s):

- Undeveloped fastland and associated aquatic habitat along Little Bay on the north side of Windmill Point Road

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-64, Little Bay, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	0	0	0	0.0	
Added to the CBRS	35	8	27		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	35	8	27	0.3	
Net Change	35	8	27	0.3	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-65P, White Marsh, Virginia**

Summary of Final Recommended Changes

Type of Unit: Recommended new Otherwise Protected Area (OPA)

County: Lancaster

Congressional District: 1

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-131A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-65P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-65P between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new OPA Unit VA-65P is not currently within the CBRS.

Included within new OPA Unit VA-65P are the following area(s):

- A portion of White Marsh and a small barrier beach that are privately owned and subject to a conservation easement (held by the Northern Neck Land Conservancy), located on Fleets Island to the east of Windmill Point Road
- Portions of White Marsh and areas of undeveloped fastland that are privately owned and not held for conservation and/or recreation, located on Fleets Island to the east of Windmill Point Road

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-65P, White Marsh, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	0	0	0	0.0	
Added to the CBRS	61	13	48		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	61	13	48	0.3	
Net Change	61	13	48	0.3	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-50, Windmill Point,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Lancaster

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-025A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-131A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-50.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861).

For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-50 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-50 between proposed and final recommended.

Final Recommended Changes: There are no recommended changes to this unit.

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-50, Windmill Point, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	5	2	3	0.3	
Added to the CBRS	0	0	0		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	5	2	3	0.3	
Net Change	0	0	0	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit VA-51, Deep Hole Point, Virginia

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Lancaster

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-025A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-131A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-51.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- *Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-51 were received.

Changes between Proposed and Final Recommended Boundaries: The changes to Unit VA-51 between proposed and final recommended are described below:

- A minor modification has been made to the boundary to better fit the updated base map imagery

Final Recommended Changes: The final recommended changes to Unit VA-51 are described below.

Recommended Removals:

- One structure along Close Quarters Drive

Recommended Additions:

- A small barrier spit and associated aquatic habitat located along the Rappahannock River on the eastern side of the unit
- Undeveloped fastland and associated aquatic habitat along the Rappahannock River
- Associated aquatic habitat along the Rappahannock River located to the north and northeast of Mosquito Island

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Technical Correction Assessment: The Service has completed a Technical Correction Assessment to address a request that was received to determine whether a mapping error exists for a specific area within this unit. The assessment can be found on page K-90 in appendix K of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*.

Acres, Shoreline, and Structure Information for Unit VA-51, Deep Hole Point, Virginia

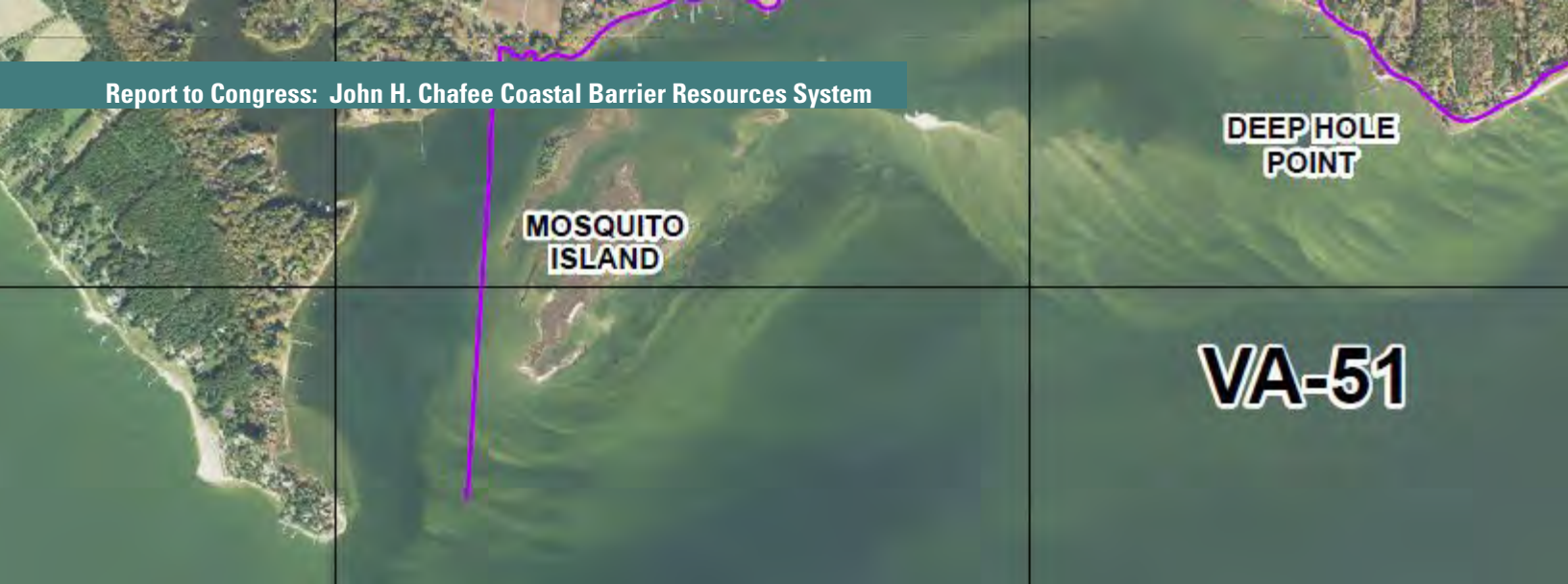
	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	449	12	437	2.8	
Added to the CBRS	236	10	226		0
Removed from the CBRS	0	0	0		1
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	685	22	663	2.9	
Net Change	236	10	226	0.1	(1)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.



Technical Correction Assessment for Property on Shoreline Drive in CBRS Unit VA-51

Overview

The John H. Chafee Coastal Barrier Resources System (CBRS) is depicted on a set of maps that is maintained by the U.S. Fish and Wildlife Service (Service). Aside from three minor exceptions,¹ only legislation enacted by Congress can modify the CBRS maps. A “technical correction” is a correction to a CBRS map to fix a legitimate mapping error. The Service receives numerous requests from property owners and other interested parties who seek to remove areas from the CBRS based on an alleged technical mapping error. The Service considers a technical mapping error to be a mistake in the delineation of the CBRS boundaries that was made as a result of incorrect, outdated, or incomplete information (often stemming from inaccuracies on the original base maps).

The Service generally does not recommend removal of areas from the CBRS unless there is clear and compelling evidence that a technical mapping error led to their inclusion within the CBRS. In order to determine whether a technical mapping error exists, the Service conducts a comprehensive review of the history of the CBRS unit in question which generally includes an assessment of the Service’s background records for the unit, the controlling and historical CBRS maps of the area, the historical development status of the area, aerial imagery, and any materials submitted by property owners and other interested parties. When the Service determines that a technical correction to a map

is warranted, we prepare a new comprehensively modernized map for the area. The updated map becomes effective only if adopted through legislation enacted by Congress.

The Service was first contacted in 2014 by an interested party on behalf of property owners who sought to appeal the Service’s determination that their dwelling along Shoreline Drive in White Stone, Virginia, is located within CBRS Unit VA-51. The property owners were unaware that their property was located within the CBRS until their flood insurance policy was cancelled by the National Flood Insurance Program. Following an initial request for removal from the CBRS from the property owners, the Service was also contacted by another interested party and a member of Congress on their behalf. The interested parties and the property owners assert that the property along Shoreline Drive was included within the CBRS in error. The property owners submitted the following information showing that the River View subdivision was planned prior to its inclusion within the CBRS: the subdivision plat approved by Lancaster County in 1988, and a September 1990 building permit for the property in question.

Service Findings

The Service has carefully assessed all of the information provided by the parties indicated above as well as the materials that are typically reviewed as part of a technical correction assessment. The Service found that the properties on Shoreline Drive

(including the property from the initial request) within Unit VA-51 are appropriately included within the CBRS. The Coastal Barrier Resources Act (CBRA) development criteria and the Service’s findings related to this technical correction assessment are explained in further detail below. While this particular area along Shoreline Drive is appropriately included within the CBRS, the Service did identify another area in this unit that is appropriate for removal. The area recommended for removal is listed in the Summary of Final Recommended Changes for Unit VA-51.

CBRA Development Criteria and CBRS Boundary Intent

CBRA requires that the Service consider the following criteria in determining whether a coastal barrier was undeveloped at the time of inclusion within the CBRS: (A) the density of development was less than one structure per five acres of land above mean high tide; and (B) there was existing infrastructure consisting of (i) a road, with a reinforced road bed, to each lot or building site in the area; (ii) a wastewater disposal system sufficient to serve each lot or building site in the area; (iii) electric service for each lot or building site in the area;² and (iv) a fresh water supply for each lot or building site in the area. When assessing whether an area may be appropriate for removal, the Service also considers the location of geomorphic, cultural, and development features on the ground at the time the area was included

Technical Correction Assessment for Property on Shoreline Drive in CBRS Unit VA-51 (continued)

within the CBRS (i.e., whether the CBRS boundary lines on the maps precisely follow the underlying features they were intended to follow on the ground).

Density of Development: The Service's review found that there was no structure on the property in question on Shoreline Drive when the area was first included in 1990 within the CBRS; the structure on that lot was not constructed until 1994. However, there were two structures on the ground in Unit VA-51 when it was first designated, one of which was located on a different lot on Shoreline Drive and the other on Close Quarters Drive. The Service's assessment considered the density of development that existed on the ground when Unit VA-51 was designated in 1990. The Service found that the unit was comprised of approximately 21 acres of fastland (i.e., land above mean high tide) and contained approximately two structures. Therefore, the density of development on the ground was about one structure per 11 acres of fastland, which is below the density threshold to be considered "undeveloped" under CBRA. Development that occurs after CBRS designation is not grounds for removal.

Level of Infrastructure: The intent of the infrastructure criterion is to exclude from the CBRS areas where there is intensive private capitalization for development that is underway (e.g., a subdivision funded by a developer that is under construction). The Service only conducts infrastructure assessments in cases where the density threshold

would have been exceeded had the construction of the associated structures been fully completed (or would constitute a cluster of ten or more structures, which are generally excluded from the CBRS). In this case, the density threshold would not have been exceeded had the construction of the final structure along Shoreline Drive been completed; therefore, an infrastructure assessment was not necessary.

Intent of the CBRS Boundary: The Service found that the area along Shoreline Drive was not included within the CBRS as a result of an error in the underlying features that the CBRS boundary was intended to follow. The 1986 U.S. Geological Survey topographic quadrangle that was used as the base map for the October 24, 1990, CBRS map depicted this area as fastland with reasonable accuracy. There was a scattered structure on the ground when the area along Shoreline Drive was first included in 1990 within the CBRS; however, the area still qualified as "undeveloped" according to CBRA's development criteria. Some pre-existing structures are included within the CBRS intentionally because they are located in areas that meet CBRA's criteria for an undeveloped coastal barrier (which allows for the designation of areas containing a low density of scattered structures).

Planned Development

The Service receives many requests for the removal of areas from the CBRS based on the assertion that development was planned and permitted at the

time of inclusion. The Department of Interior's 1982 definitions and delineation criteria state that:

*Commitments or legal arrangements necessary for and leading toward construction of either structures or infrastructure will not be considered relevant to the development status of coastal barriers except to the degree that they are actually reflected in the existence of structures or infrastructure on the coastal barrier, or portion thereof.*³

The Service has found nothing in the legislative history indicating that Congress intended for the Service to consider permits, approved development plans, or other legal indicators of intent to develop when proposing areas for inclusion within the CBRS. The Service therefore considers only development that existed (or exists for new additions) on the ground at the time of inclusion.

¹ The administrative authority of the Service to make changes to the CBRS boundaries is limited to changes made as a result of natural forces (such as erosion and accretion), voluntary additions by property owners, and additions of excess property to the CBRS (16 U.S.C. § 3503).

² *Coastal Barrier Resources*, U.S. Code 16 (2018), § 3503(g)(1).

³ Department of the Interior, "Federal Flood Insurance Prohibition for Undeveloped Coastal Barriers; Proposed Identification," *Federal Register* 47, no. 158 (August 16, 1982): 35696.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-52, Sturgeon Creek,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Middlesex

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-025A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-131A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-52.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-52 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-52 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-52 are described below.

Recommended Additions:

- Undeveloped barrier fastland and associated aquatic habitat along Hunting Creek

Other Modifications/Information:

- Modification of portions of the boundary to better follow the shoreline and the wetland/fastland interface along Sturgeon Creek, which results in some minor removals of fastland and additions of associated aquatic habitat
- Modification of a small portion of the boundary of the unit to buffer (i.e., leave space between the boundary and the feature it is intended to follow) along the developed shoreline, which results in a minor removal of fastland and associated aquatic habitat from the unit

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-52, Sturgeon Creek, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	149	5	144	0.3	
Added to the CBRS	23	3	20		0
Removed from the CBRS	1	1	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	171	7	164	0.5	
Net Change	22	2	20	0.2	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-53, Jackson Creek,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Middlesex

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-025A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-131A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-53.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-53 were received.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit VA-53 between proposed and final recommended are described below:

- Minor modifications have been made to the boundary to better fit the updated base map imagery

Final Recommended Changes:

The final recommended changes to Unit VA-53 are described below.

Recommended Removals:

- Five structures and adjacent fastland along Tranquility Lane

Recommended Additions:

- A minor area of undeveloped fastland along the eastern side of Jackson Creek

Other Modifications/Information:

- Modification of a portion of the boundary near Harbour Drive to better follow the wetland/fastland interface, which results in a minor removal of fastland from the unit

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acres, Shoreline, and Structure Information for Unit VA-53, Jackson Creek, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	41	10	31	0.3	
Added to the CBRS	1	1	0		0
Removed from the CBRS	3	3	0		5
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	39	8	31	0.3	
Net Change	(2)	(2)	0	0.0	(5)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-54, Stove Point,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Middlesex

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-025A](#) dated August 1, 2014

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-54.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-54 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-54 between proposed and final recommended.

Final Recommended Changes: Removal from the CBRS of one structure located at the southern end of Stove Point Road, which occupies the only acre of fastland within the unit and was on-the-ground prior to its inclusion within the CBRS. Because all of the fastland in the unit was developed at the time, this area did not qualify for inclusion within the CBRS when it was designated in 1990. The unit is therefore proposed for deletion from the CBRS in its entirety.

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-54, Stove Point, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	1	1	0	0.1	
Added to the CBRS	0	0	0		0
Removed from the CBRS	1	1	0		1
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	0	0	0	0.0	
Net Change	(1)	(1)	0	(0.1)	(1)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-55, Rigby Island/Bethel Beach,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Mathews

Congressional District: 1

Existing Maps: The existing CBRS maps depicting this unit are:

- Map [51-026A](#) dated August 1, 2014
- Map [51-027A](#) dated August 1, 2014

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [51-132A](#) dated December 18, 2020
- Draft map [51-133A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-55.

Historical Changes: The CBRS maps for this unit have been modified by the following legislative and/or administrative action:

- *Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018,

through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

The Service received comments specific to Unit VA-55.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit VA-55 between proposed and final recommended are described below:

- Minor modifications have been made to the boundary to better fit the updated base map imagery

Final Recommended Changes: The final recommended changes to Unit VA-55 are described below.

Recommended Removals:

- Six structures along Buckchase Road (also known as Hill Plantation Road)
- Portions of Gwynn's Island RV Resort (located along Buckchase Road), including two structures
- Three structures along Hills Creek Drive
- One structure along Point Breeze Road
- One structure off of Tidal Pond Lane
- Two structures along Foster Lane and one structure along Crab Neck Road
- One structure along Whites Creek Lane
- Two structures along Gullwing Cove Lane
- One structure south of Wolf Trap Lane
- Two structures along Horn Harbor Avenue
- About five structures associated with New Point RV Resort located along Dyers Creek Road and adjacent fastland

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat located along Whites Creek, Stoakes Creek, Garden Creek, Winter Harbor, and Doctors Creek
- An island located at Bethel Beach, including undeveloped fastland, wetlands, and about four residential structures and one outbuilding located off of Bashi Shores Drive
- Undeveloped fastland and wetlands located north of State Route 609 to the west of Bethel Beach
- A minor area of wetlands that are privately owned and subject to conservation easements (held by Chesapeake Bay Foundation and Middle Peninsula Land Trust), located in the vicinity of Winter Harbor on Potato Neck

Other Modifications/Information:

- The name of this unit is changed from "Rigby Island/Bethel Beach" to "Rigby Island/Bethel Beach" to correctly identify the underlying feature
- Minor modifications of portions of the boundary of the unit along Horn Harbor to better follow the shoreline and wetland/fastland interface, which results in minor removals and additions of wetlands
- A portion of Bethel Beach Natural Area Preserve (owned by the Virginia Department of Conservation and Recreation) is currently located within System Unit VA-55. This area is not recommended for reclassification to an Otherwise Protected Area (OPA) because it was acquired by the State after the area was first included within the CBRS in 1990.
- An area that is privately owned and subject to conservation easements (held by the Chesapeake Bay Foundation and the Middle Peninsula Land Trust), located along Potato Neck and Horn Harbor, is currently within System Unit VA-55. This area is not recommended for reclassification to an OPA because the conservation easements were placed on the property after the area was first included within the CBRS in 1990.

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Technical Correction Assessment: The Service has completed a Technical Correction Assessment to address a request that was received to determine whether a mapping error exists for a specific area within this

unit. The assessment can be found on page K-97 in appendix K of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*.

Acreeage, Shoreline, and Structure Information for Unit VA-55, Rigby Island/Bethel Beach, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	5,166	130	5,036	11.2	
Added to the CBRS	458	63	395		5
Removed from the CBRS	41	32	9		27
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	5,583	161	5,422	11.3	
Net Change	417	31	386	0.1	(22)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

GWYNN ISLAND

CHESAPEAKE
BAY

Technical Correction Assessment for Properties on Piney Point Road, Whites Creek Lane, Point Breeze Road, Crab Neck Road, and Tidal Pond Lane in CBRS Unit VA-55



Overview

The John H. Chafee Coastal Barrier Resources System (CBRS) is depicted on a set of maps that is maintained by the U.S. Fish and Wildlife Service (Service). Aside from three minor exceptions,¹ only legislation enacted by Congress can modify the CBRS maps. A “technical correction” is a correction to a CBRS map to fix a legitimate mapping error. The Service receives numerous requests from property owners and other interested parties who seek to remove areas from the CBRS based on an alleged technical mapping error. The Service considers a technical mapping error to be a mistake in the delineation of the CBRS boundaries that was made as a result of incorrect, outdated, or incomplete information (often stemming from inaccuracies on the original base maps).

The Service generally does not recommend removal of areas from the CBRS unless there is clear and compelling evidence that a technical mapping error led to their inclusion within the CBRS. In order to determine whether a technical mapping error exists, the Service conducts a comprehensive review of the history of the CBRS unit in question which generally includes an assessment of the Service’s background records for the unit, the controlling and historical CBRS maps of the area, the historical development status of the area, aerial imagery, and any materials submitted by property owners and other interested parties. When the Service determines that a technical correction to a map is warranted, we prepare a new comprehensively modernized map for the area. The updated map becomes effective only if adopted through legislation enacted by Congress.

The Service was first contacted in 2007 by an interested party on behalf of a property owner who sought to remove a property located southeast of the terminus of Piney Point Road in Mathews County, Virginia, from CBRS Unit VA-55. Subsequently, the Service was contacted by the member of Congress for this district on behalf of the owner of the Piney Point Road property. Following that first request, the Service received additional requests from other property owners who sought the removal from Unit VA-55 of properties on Whites Creek Lane, Point Breeze Road, and Crab Neck Road. Additionally, the Service was contacted by the member of Congress for this district on behalf of the owner of a property on Tidal Pond Lane who sought to remove their property from the CBRS. The owners assert that the properties were included within the CBRS in error.

Service Findings

The Service has carefully assessed all of the information provided by the parties indicated above as well as the materials that are typically reviewed as part of a technical correction assessment. The Service found that one structure and a small area of fastland (i.e., land above mean high tide) along Whites Creek Lane, one structure along Point Breeze Road, and two structures along Crab Neck Road are

Technical Correction Assessment for Properties on Piney Point Road, Whites Creek Lane, Point Breeze Road, Crab Neck Road, and Tidal Pond Lane in CBRS Unit VA-55 (continued)



appropriate for removal from the CBRS. The structure on the property in question on Tidal Pond Lane and the property located southeast of the terminus of Piney Point Road are appropriately included within the CBRS, and therefore, the Service does not recommend the removal of these areas from the CBRS. The Coastal Barrier Resources Act (CBRA) development criteria and the Service's findings related to this technical correction assessment are explained in further detail below. Additional areas recommended for removal from this unit are listed in the Summary of Final Recommended Changes for Unit VA-55.

CBRA Development Criteria and CBRS Boundary Intent

CBRA requires that the Service consider the following criteria in determining whether a coastal barrier was undeveloped at the time of inclusion within the CBRS: (A) the density of development was less than one structure per five acres of land above mean high tide; and (B) there was existing infrastructure consisting of (i) a road, with a reinforced road bed, to each lot or building site in the area; (ii) a wastewater disposal system sufficient to serve each lot or building site in the area; (iii) electric service for each lot or building site in the area; and (iv) a fresh water supply for each lot or building site in the area.³ When assessing whether an area may be appropriate for removal, the Service also considers the location of geomorphic, cultural, and development features on-the-ground at the time the area was included within the CBRS (i.e., whether the CBRS boundary lines on the maps precisely follow the underlying features they were intended to follow on-the-ground).

Piney Point Road

Density of Development: The Service's review of the property located southeast of the terminus of Piney Point Road found that the property is vacant, and there were no structures on the ground when

the area was first included in 1990 within the CBRS. CBRA's density of development is not a factor for structures built after designation within the CBRS and, development that occurs after is not grounds for removal.

Level of Infrastructure: The Service's review of the area also considered the level of infrastructure that was on the ground and available to the property in 1990. We currently do not know if and/or when electrical service and freshwater supply were on the ground and available to the property (the wastewater disposal system is septic). However, this information is irrelevant because the road leading to the property is sand and gravel and is not a reinforced roadbed (as specified by the statute). The Service does not consider this area to have the full complement of infrastructure necessary to meet the statutory development threshold.

Intent of the CBRS Boundary: The Service found that the area in question was not included within the CBRS as a result of a mapping error. The CBRS boundary crossing the property was an addition made by a congressional committee on the draft map that was used in producing the official October 24, 1990, CBRS map. This area was depicted with reasonable accuracy as undeveloped fastland on the 1965 U.S. Geological Survey (USGS) topographic quadrangle that was used as the base map for the congressional mark-up map and the 1990 CBRS map. The addition of this property to the CBRS by Congress in 1990 was appropriate according to the statutory development criteria, and therefore the Service does not recommend its removal from the CBRS.

Whites Creek Lane

The Service's review of the Whites Creek Lane property found that there was a structure on the ground in 1990 when this area was first included within the CBRS. The structure (built in 1987) is appropriate for removal

Technical Correction Assessment for Properties on Piney Point Road, Whites Creek Lane, Point Breeze Road, Crab Neck Road, and Tidal Pond Lane in CBRS Unit VA-55 (continued)

from the CBRS because the CBRS boundary in this area was intended to follow the wetland/fastland interface, and the location of that interface as it existed at the time was not depicted correctly on the underlying 1965 USGS topographic quadrangle used as the base map for the October 24, 1990, CBRS map. Because it was determined that the CBRS boundary did not accurately follow the underlying feature it was intended to follow on the ground in this area, a review of density and infrastructure was not needed.

Point Breeze Road

The Service's review of the Point Breeze Road property found that there was a structure (built in 1973) on the ground in 1990 when this area was first included within the CBRS. The CBRS boundary crossing the property was an addition made by a congressional committee on the draft map that was used in producing the official October 24, 1990, CBRS map. This area was depicted with reasonable accuracy as fastland on the 1965 USGS topographic quadrangle that was used as the base map for the congressional mark-up map and the 1990 CBRS map. The intent of the boundary was to also exclude the development that was on the ground in 1990; however, a structure footprint was not present in this area on the quadrangle. Therefore, this structure is appropriate for removal from the CBRS. Because it was determined that there was an error on the base map, a review of density and infrastructure was not needed.

Crab Neck Road

The Service's review of the area on the eastern end of Crab Neck Road that is currently located within the CBRS found that there were two structures on the ground in 1990 when this area was first included within the CBRS. The structure on the north side of the road just east of Tidal Pond Lane was built in 1987 and the structure on the south side of the road was built in 1905. The CBRS boundary crossing the property

containing the 1987 structure³ was an addition made by the Congressional Committee on the draft map that was reviewed and approved by Congress and used in producing the official October 24, 1990, CBRS map. The CBRS boundary appears to have been following a 5-foot contour on the 1965 USGS topographic quadrangle used as the base map for the Congressional mark-up and the 1990 CBRS maps. Although this area was depicted with reasonable accuracy as fastland on the quadrangle, a structure footprint was not present in this area. The intent of the boundary in 1990 was to exclude the development that was on the ground. Therefore, this structure is appropriate for removal from the CBRS. The fastland portion of the property containing the 1905 structure is appropriate for removal from the CBRS because the boundary in the area where the property is located was intended to follow the wetland/fastland interface, and the location of that interface as it existed at the time was not depicted correctly on the 1965 USGS topographic quadrangle used as the base map for the October 24, 1990, CBRS map. Because it was determined that the CBRS boundary did not accurately follow the underlying features it was intended to follow on the ground in this area, a review of density and infrastructure was not needed.

Tidal Pond Lane

Density of Development:

The Service's review of the Tidal Pond Lane properties that are located within the CBRS found that there were no structures on the ground in 1990 when this area was first included within the CBRS. The residential structure on the property in question was built in 1996 (according to the property owner) and is currently the only structure on Tidal Pond Lane located within the CBRS. CBRS's density of development is not a factor for structures built after designation within the CBRS and, development that occurs after is not grounds for removal.

Level of Infrastructure:

The Service's review of the area also considered the level of infrastructure that was on the ground and available to each lot or building site in 1990. We currently do not know if and/or when electrical service and freshwater supply were on the ground and available to the property (the wastewater disposal system is septic). However, this information is irrelevant because the road leading to the properties is sand and gravel and is not a reinforced roadbed (as specified by the statute). The Service does not consider this area to have the full complement of infrastructure necessary to meet the statutory development threshold.

Intent of the CBRS Boundary:

The CBRS boundary crossing the Tidal Pond Lane properties was an addition made by a congressional committee on a draft map used in producing the official October 24, 1990, CBRS map. The CBRS boundary appears to have been following a 5-foot contour on the 1965 USGS topographic quadrangle used as the base map for the congressional mark-up map and the 1990 CBRS map. However, this area was depicted with reasonable accuracy as undeveloped fastland on the quadrangle. The addition of the Tidal Pond Lane properties to the CBRS by Congress in 1990 was appropriate according to the statutory development criteria, and therefore the Service does not recommend their removal from the CBRS.

¹ The administrative authority of the Service to make changes to the CBRS boundaries is limited to changes made as a result of natural forces (such as erosion and accretion), voluntary additions by property owners, and additions of excess property to the CBRS (16 U.S.C. § 3503)

² *Coastal Barrier Resources*, U.S. Code 16 (2018), § 3503(g)(1).

³ The 1987 structure on Crab Neck Road was originally identified on the Summary of Proposed Changes for Unit VA-55 as a proposed removal of a structure on Tidal Pond Lane. This mistake has been corrected on the Summary of Final Recommended Changes.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-55P, Rigby Island/Bethel Beach, Virginia**

Summary of Final Recommended Changes

Type of Unit: Recommended new Otherwise Protected Area (OPA)

County: Mathews

Congressional District: 1

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-132A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-55P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-55P between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new OPA Unit VA-55P is not currently within the CBRS.

Included within new OPA Unit VA-55P are the following area(s):

- A portion of Bethel Beach Natural Area Preserve (owned by the Virginia Department of Conservation and Recreation)
- An area located just north of State Route 609 that is owned by the Middle Peninsula Land Trust and held for conservation and/or recreation, including two non-residential structures

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acres, Shoreline, and Structure Information for Unit VA-55P, Rigby Island/Bethel Beach, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	0	0	0	0.0	
Added to the CBRS	51	3	48		2
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	51	3	48	0.2	
Net Change	51	3	48	0.2	2

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-56, New Point Comfort, Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Mathews

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-027A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-133A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-56.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-56 were received.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit VA-56 between proposed and final recommended are described below:

- Minor modifications have been made to the boundary to better fit the updated base map imagery

Final Recommended Changes: The final recommended changes to Unit VA-56 are described below.

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat located in the vicinity of New Point Comfort, including portions of Harper Creek and Dyer Creek
- Portions of New Point Comfort Natural Area Preserve (owned by The Nature Conservancy (TNC)), located along Harper Creek and Dyer Creek. TNC concurred with the addition of these areas as System Unit rather than Otherwise Protected Area (OPA).

Other Modifications/Information:

- A portion of New Point Comfort Natural Area Preserve (owned by TNC) is currently within System Unit VA-56. This area is not recommended for reclassification to an OPA because it was acquired by TNC after the area was first included within the CBRS in 1990.

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-56, New Point Comfort, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	87	0	87	1.2	
Added to the CBRS	581	23	558		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	668	23	645	2.6	
Net Change	581	23	558	1.4	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-66, Lone Point,
Virginia**

Summary of Final Recommended Changes

Type of Unit: Recommended new System Unit

County: Gloucester

Congressional District: 1

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-134A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-66 were received.

Changes between Proposed and Final Recommended Boundaries:

There are no changes to Unit VA-66 between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new System Unit VA-66 is not currently within the CBRS.

Included within new System Unit VA-66 are the following area(s):

- An undeveloped spit and associated aquatic habitat, located from Davis Creek to Lone Point along the North River

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acres, Shoreline, and Structure Information for Unit VA-66, Lone Point, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	0	0	0	0.0	
Added to the CBRS	59	4	55		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	59	4	55	1.3	
Net Change	59	4	55	1.3	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-57, Ware Neck,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Gloucester

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-028A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-134A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-57.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-57 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-57 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-57 are described below.

Recommended Removals:

- A small area of undeveloped fastland and wetlands, located toward the south end of Ware Point Lane on Ware Neck

Recommended Additions:

- Undeveloped fastland and associated aquatic habitat along the Ware River and North River, in the vicinity of Ware Neck

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-57, Ware Neck, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	10	0	10	0.4	
Added to the CBRS	111	11	100		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	121	11	110	1.1	
Net Change	111	11	100	0.7	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-67, Oldhouse Creek,
Virginia**

Summary of Final Recommended Changes

Type of Unit: Recommended new System Unit

County: Gloucester

Congressional District: 1

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-134A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-67 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-67 between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new System Unit VA-67 is not currently within the CBRS.

Included within new System Unit VA-67 are the following area(s):

- An undeveloped spit located in the vicinity of Windmill Point
- Undeveloped fastland and associated aquatic habitat along Oldhouse Creek

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-67, Oldhouse Creek, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	0	0	0	0.0	
Added to the CBRS	298	13	285		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	298	13	285	0.7	
Net Change	298	13	285	0.7	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-58, Severn River,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: Gloucester

Congressional District: 1

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-028A](#) dated August 1, 2014

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [51-134A](#) dated December 18, 2020
- Draft map [51-135A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit:

The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-58.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- *Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-58 were received.

Changes between Proposed and Final Recommended Boundaries:

The changes to Unit VA-58 between proposed and final recommended are described below:

- Minor modifications have been made to the boundary to better fit the updated base map imagery

Final Recommended Changes: The final recommended changes to Unit VA-58 are described below.

Recommended Removals:

- Two structures at the end of Heron Point Road

Recommended Additions:

- Wetlands located along Ware River in the vicinity of Robins Neck (to the north of the existing unit)
- Associated aquatic habitat located along the Severn River and Browns Bay and in the vicinity of Four Point Marsh and Caucus Bay
- A small island at the end of Guinea End Lane, including three residential structures and one garage
- A small island south of Horse Point Road, including one residential structure

- One garage located on the southern side of Maryus to the east of Maundys Creek Road
- A small island located on the northern side of Jenkins Neck at the end of Heron Haven Lane, including two residential structures and one accessory structure
- Undeveloped fastland and associated aquatic habitat in the vicinity of Maryus, including some wetlands that are owned by Gloucester County and held for conservation and/or recreation
- A minor area of wetlands that are privately owned and subject to a conservation easement (held by Virginia Outdoors Foundation), located along Little Monday Creek

Other Modifications/Information:

- An area that is privately owned and subject to a conservation easement (held by Virginia Outdoors Foundation), located along Little Monday Creek, is currently within System Unit VA-58. This area is not recommended for reclassification to an Otherwise Protected Area (OPA) because the conservation easement was placed on the property after the area was first included in 1990 within the CBRS.
- Guinea Marshes, owned by The Nature Conservancy (TNC), is currently located within System Unit VA-58. TNC concurred with maintaining this area as System Unit rather than reclassifying it to an OPA.
- A minor area of wetlands located south of Maryus Road that is owned by Gloucester County and held for conservation and/or recreation (located in the vicinity of Maryus) is currently within System Unit VA-58, and other nearby areas of wetlands owned by Gloucester County are recommended for addition. The County concurred with classifying these areas as System Unit rather than OPA.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-58, Severn River, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	3,519	9	3,510	10.3	
Added to the CBRS	1,472	43	1,429		10
Removed from the CBRS	1	0	1		2
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	4,990	52	4,938	11.2	
Net Change	1,471	43	1,428	0.9	8

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-68, Bay Tree Beach,
Virginia**

Summary of Final Recommended Changes

Type of Unit: Recommended new System Unit

County: York

Congressional District: 2

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-135A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-68 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-68 between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new System Unit VA-68 is not currently within the CBRS.

Included within new System Unit VA-68 are the following area(s):

- An undeveloped coastal barrier and associated aquatic habitat along the Chesapeake Bay between the York River and the Poquoson River, in the vicinity of Crab Neck and Bay Tree Point
- A minor area of wetlands that are held for conservation and/or recreation known as the Claxton Creek Property (owned by the Historic Virginia Land Conservancy), located along Crab Neck
- Two residential structures, located along Bay Tree Beach Road in the vicinity of Bay Tree Point

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-68, Bay Tree Beach, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	0	0	0	0.0	
Added to the CBRS	2,515	13	2,502		2
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	2,515	13	2,502	3.5	
Net Change	2,515	13	2,502	3.5	2

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-68P, Bay Tree Beach, Virginia**

Summary of Final Recommended Changes

Type of Unit: Recommended new Otherwise Protected Area (OPA)

County: York

Congressional District: 2

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-135A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-68P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-68P between proposed and final recommended.

Recommended New Unit: The area recommended for inclusion within new OPA Unit VA-68P is not currently within the CBRS.

Included within new OPA Unit VA-68P are the following area(s):

- The Goodwin Islands and associated aquatic habitat, located along the western side of the Chesapeake Bay near the York River. These islands are owned by the College of William and Mary and held for conservation and research purposes.

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreeage, Shoreline, and Structure Information for Unit VA-68P, Bay Tree Beach, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	0	0	0	0.0	
Added to the CBRS	532	5	527		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	532	5	527	1.4	
Net Change	532	5	527	1.4	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-59P, Plum Tree Island,
Virginia**

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: City of Poquoson (Independent City)

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-029A](#) dated August 1, 2014

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [51-135A](#) dated December 18, 2020
- Draft map [51-136A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit:

The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-59P.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative actions:

- Pub. L. 108-7 enacted on February 20, 2003 (68 FR 38087)
- *Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-59P were received.

Changes between Proposed and Final Recommended Boundaries: The changes to Unit VA-59P between

proposed and final recommended are described below:

- Minor modifications have been made to the boundary to better fit the updated base map imagery

Final Recommended Changes: The final recommended changes to Unit VA-59P are described below.

Recommended Additions:

- Portions of Plum Tree Island National Wildlife Refuge (owned by the Service)
- Associated aquatic habitat and small areas of undeveloped fastland that are both publicly and privately owned and not held for conservation and/or recreation, located along the landward boundary of the unit between the Poquoson River and Back River

Other Modifications/Information:

- A minor area of wetlands that is not held for conservation and/or recreation, located along Lloyd Bay, is currently within OPA Unit VA-59P. This area is not recommended for reclassification to a System Unit.

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acres, Shoreline, and Structure Information for Unit VA-59P, Plum Tree Island, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	3,656	0	3,656	6.1	
Added to the CBRS	2,891	40	2,851		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	6,547	40	6,507	7.4	
Net Change	2,891	40	2,851	1.3	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-60P, Long Creek,
Virginia**

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: City of Hampton (Independent City)

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-029A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-136A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-60P.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative actions:

- Pub. L. 102-440 enacted on October 23, 1992 (58 FR 60288)

- Pub. L. 108-7 enacted on February 20, 2003 (68 FR 38087)
- *Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

The Service received comments specific to Unit VA-60P.

Changes between Proposed and Final Recommended Boundaries: The changes to Unit VA-60P between proposed and final recommended are described below:

- The recommended boundary of the unit has been modified to exclude from the CBRS the developed portions of Bell Isle Marina, located along Back River.

Final Recommended Changes: The final recommended changes to Unit VA-60P are described below.

Recommended Additions:

- Portions of Grundland Creek Park (owned by the City of Hampton)
- Undeveloped fastland and associated aquatic habitat that is both publicly and privately owned and not held for conservation and/or recreation, located along Back River, Long Creek, Grundland Creek, Wallace Creek and a small area along Hawkins Pond

Other Modifications/Information:

- Modification of the boundary of the unit to buffer (i.e., leave space between the boundary and the feature it is intended to follow) along the developed shoreline along Long Creek, which results in minor removals of associated aquatic habitat from the unit
- One of the areas between Grundland Creek and Long Creek that is recommended for addition to Unit VA-60P (described above) was originally included within the unit in 1990, but was removed from the CBRS by Section 105 of Public Law 108-7. This area is still undeveloped and qualifies for inclusion within the CBRS.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-60P, Long Creek, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	941	30	911	2.8	
Added to the CBRS	162	5	157		0
Removed from the CBRS	3	1	2		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	1,100	34	1,066	2.8	
Net Change	159	4	155	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-60, Long Creek,
Virginia**

Summary of Final Recommended Changes

Type of Unit: System Unit

County: City of Hampton (Independent City)

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-029A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-136A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: This unit was originally established as part of Otherwise Protected Area (OPA) Unit VA-60P by the Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304).

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative actions:

- This unit was reclassified from its original OPA designation to System Unit VA-60 by Section 303 of Pub L. 102-440, enacted on October 23, 1992 (58 FR 60288). At that time, several areas were removed from the unit.
- Pub. L. 108-7 enacted on February 20, 2003 (68 FR 38087)
- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service's responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-60 were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-60 between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-60 are described below.

Recommended Additions:

- Associated aquatic habitat and small areas of undeveloped fastland along Long Creek from Beach Road to Southall Landings Marina
- Salt Ponds Inlet

Other Modifications/Information:

- Some of the areas of associated aquatic habitat that are recommended for addition to System Unit VA-60 (described above) were originally included within OPA Unit VA-60P in 1990, but were removed from the CBRS (along with other areas) by Section 303 of Public Law 102-440. These areas are still undeveloped and qualify for inclusion within the CBRS.

For information about the Service's methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acreage, Shoreline, and Structure Information for Unit VA-60, Long Creek, Virginia

	Total Acres	Fastland Acres ¹	Associated Aquatic Habitat Acres ²	Shoreline (Miles)	Structures ³
Existing Unit	166	20	146	0.8	
Added to the CBRS	111	6	105		0
Removed from the CBRS	0	0	0		0
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	277	26	251	0.8	
Net Change	111	6	105	0.0	0

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a "structure" (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

John H. Chafee Coastal Barrier Resources System (CBRS) Unit VA-61P, Cape Henry, Virginia

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: City of Virginia Beach (Independent City)

Congressional District: 2

Existing Map: The existing CBRS map depicting this unit is:

- Map [51-030A](#) dated August 1, 2014

Final Recommended Map: The final recommended CBRS map depicting this unit is:

- Draft map [51-137A](#) dated December 18, 2020

Base Map Imagery Source and

Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-61P.

Historical Changes: The CBRS map for this unit has been modified by the following legislative and/or administrative action:

- Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the 2022 *Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-61P were received.

Changes between Proposed and Final Recommended Boundaries: The changes to Unit VA-61P between proposed and final recommended are described below:

- A minor modification has been made to the boundary to better fit the updated base map imagery

Final Recommended Changes: The final recommended changes to Unit VA-61P are described below.

Recommended Removals:

- One structure along 63rd Street

Other Modifications/Information:

- Modification of the boundary of the unit in some areas to better align with the boundaries of First Landing State Park (owned by Virginia Department of Conservation and Recreation), which results in minor additions and removals
- Modification of the boundary of the unit to buffer (i.e., leave space between the boundary and the feature it is intended to follow) along the developed shoreline of Long Creek, which results in a minor removal of associated aquatic habitat from the unit

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acres, Shoreline, and Structure Information for Unit VA-61P, Cape Henry, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	3,253	683	2,570	1.0	
Added to the CBRS	14	10	4		0
Removed from the CBRS	74	59	15		1
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	3,193	634	2,559	1.0	
Net Change	(60)	(49)	(11)	0.0	(1)

¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier, but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

**John H. Chafee Coastal Barrier Resources System (CBRS)
Unit VA-62P, Back Bay,
Virginia**

Summary of Final Recommended Changes

Type of Unit: Otherwise Protected Area (OPA)

County: City of Virginia Beach (Independent City)

Congressional District: 2

Existing Maps: The existing CBRS maps depicting this unit are:

- Map [51-031A](#) dated August 1, 2014
- Map [51-032A](#) dated August 1, 2014

Final Recommended Maps: The final recommended CBRS maps depicting this unit are:

- Draft map [51-138A](#) dated December 18, 2020
- Draft map [51-139A](#) dated December 18, 2020

Base Map Imagery Source and Date: United States Department of Agriculture, National Agriculture Imagery Program, 2018

Establishment of Unit: The Coastal Barrier Improvement Act (Pub.

L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit VA-62P.

Historical Changes: The CBRS maps for this unit have been modified by the following legislative and/or administrative actions:

- Pub. L. 103-461 enacted on November 2, 1994 (60 FR 10268)
- *Federal Register* notice (80 FR 25314) published on May 4, 2015, in accordance with Section 3 of Pub. L. 101-591

For additional information on historical legislative and administrative actions that have affected the CBRS, see: <https://www.fws.gov/cbra/historical-changes-coastal-barrier-resources-system>.

Public Comments: The U.S. Fish and Wildlife Service (Service) held a 120-day public comment period on the proposed boundaries for this area of the Hurricane Sandy Remapping Project from December 18, 2018, through April 17, 2019 (83 FR 64861). For a summary of the comments received and the Service’s responses, see chapter 3 and appendix C of the *2022 Report to Congress: John H. Chafee Coastal Barrier Resources System Hurricane Sandy Remapping Project*. All of the comments received during the comment period are reprinted in appendix L.

No comments specific to Unit VA-62P were received.

Changes between Proposed and Final Recommended Boundaries: There are no changes to Unit VA-62P between proposed and final recommended.

Final Recommended Changes: The final recommended changes to Unit VA-62P are described below.

Recommended Removals:

- Two structures and associated fastland located along Shippis Cabin Road

Recommended Additions:

- Portions of Back Bay National Wildlife Refuge (owned by the Service), located along Charity Neck
- Areas of open water (located in Shippis Bay and Redhead Bay) and privately owned wetlands (located along the landward boundary of the unit) that are not held for conservation and/or recreation
- Two non-residential structures located in Redhead Bay near Hill Landing

For information about the Service’s methodology for assessing CBRS boundary modifications through the Hurricane Sandy Remapping Project, visit <https://www.federalregister.gov/d/2018-04889>.

Acres, Shoreline, and Structure Information for Unit VA-62P, Back Bay, Virginia

	<i>Total Acres</i>	<i>Fastland Acres¹</i>	<i>Associated Aquatic Habitat Acres²</i>	<i>Shoreline (Miles)</i>	<i>Structures³</i>
Existing Unit	18,788	2,204	16,584	10.6	
Added to the CBRS	2,161	35	2,126		2
Removed from the CBRS	2	2	0		2
Reclassified Area ⁴	0	0	0		0
Final Recommended Unit	20,947	2,237	18,710	10.6	
Net Change	2,159	33	2,126	0.0	0

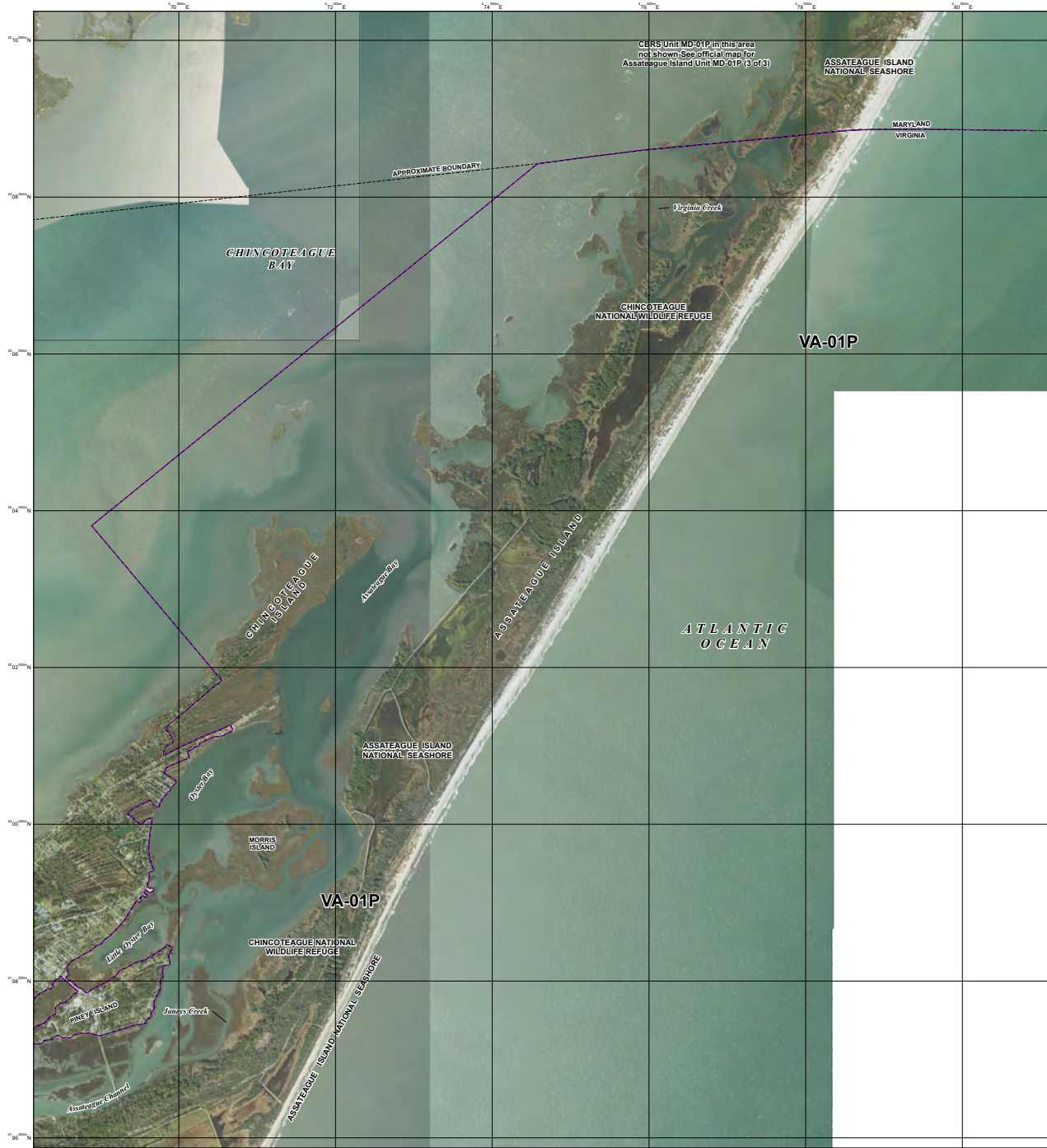
¹ Land above mean high tide.

² Associated aquatic habitat includes wetlands, marshes, estuaries, inlets, and open water landward of the coastal barrier; but does not include open water seaward of the shoreline. This information is derived National Wetlands Inventory data.

³ Approximate structure count derived from base map imagery. Gas and liquid storage tanks, structures without walls and a roof (e.g., picnic shelters), structures with fewer than 200 square feet, structures that are not affixed to a permanent site (e.g., recreational vehicles), and structures that are not located principally above ground are not included in this structure count because they do not meet the statutory definition of a “structure” (16 U.S.C. 3503(g)(2)).

⁴ Reclassification means to change either all or a portion of a System Unit to an Otherwise Protected Area, or vice-versa.

Final Recommended



JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

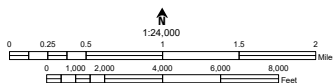
Assateague Island Unit VA-01P (1 of 4)

This draft map was produced by the U.S. Fish and Wildlife Service to show final recommended boundary changes to the John H. Chafee Coastal Barrier Resources System (CBRS) as directed by Section 4 of the Coastal Barrier Resources Reauthorization Act of 2005 (Public Law 109-226).

The seaward side of the CBRS unit includes the entire sand-sharing system, including the beach and nearshore area. The sand-sharing system of CBRS units is normally defined by the 30-ft bathymetric contour. In large coastal embayments and the Great Lakes, the sand-sharing system is defined by the 20-ft bathymetric contour or a line approximately one mile seaward of the shoreline, whichever is nearer the coastal barrier.

For additional information about the Coastal Barrier Resources Act or CBRS, please visit www.fws.gov/cbra.

- Final Recommended System Unit Boundary
- Final Recommended Otherwise Protected Area (OPA) Boundary; OPAs are identified on the map by the letter "P" following the unit number
- - - - - Approximate State Boundary
- 2000-meter Universal Transverse Mercator grid values
- Imagery Date(s): 2018
- Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
- Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 18 North



Draft Map: 51-101A Map Date: December 18, 2020

Final Recommended



JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Assateague Island Unit VA-01P (2 of 4)

This draft map was produced by the U.S. Fish and Wildlife Service to show final recommended boundary changes to the John H. Chafee Coastal Barrier Resources System (CBRS) as directed by Section 4 of the Coastal Barrier Resources Reauthorization Act of 2005 (Public Law 109-226).

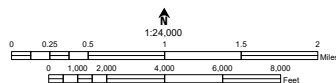
The seaward side of the CBRS unit includes the entire sand-sharing system, including the beach and nearshore area. The sand-sharing system of CBRS units is normally defined by the 30-ft bathymetric contour. In large coastal embayments and the Great Lakes, the sand-sharing system is defined by the 20-ft bathymetric contour or a line approximately one mile seaward of the shoreline, whichever is nearer the coastal barrier.

For additional information about the Coastal Barrier Resources Act or CBRS, please visit www.fws.gov/cbra.

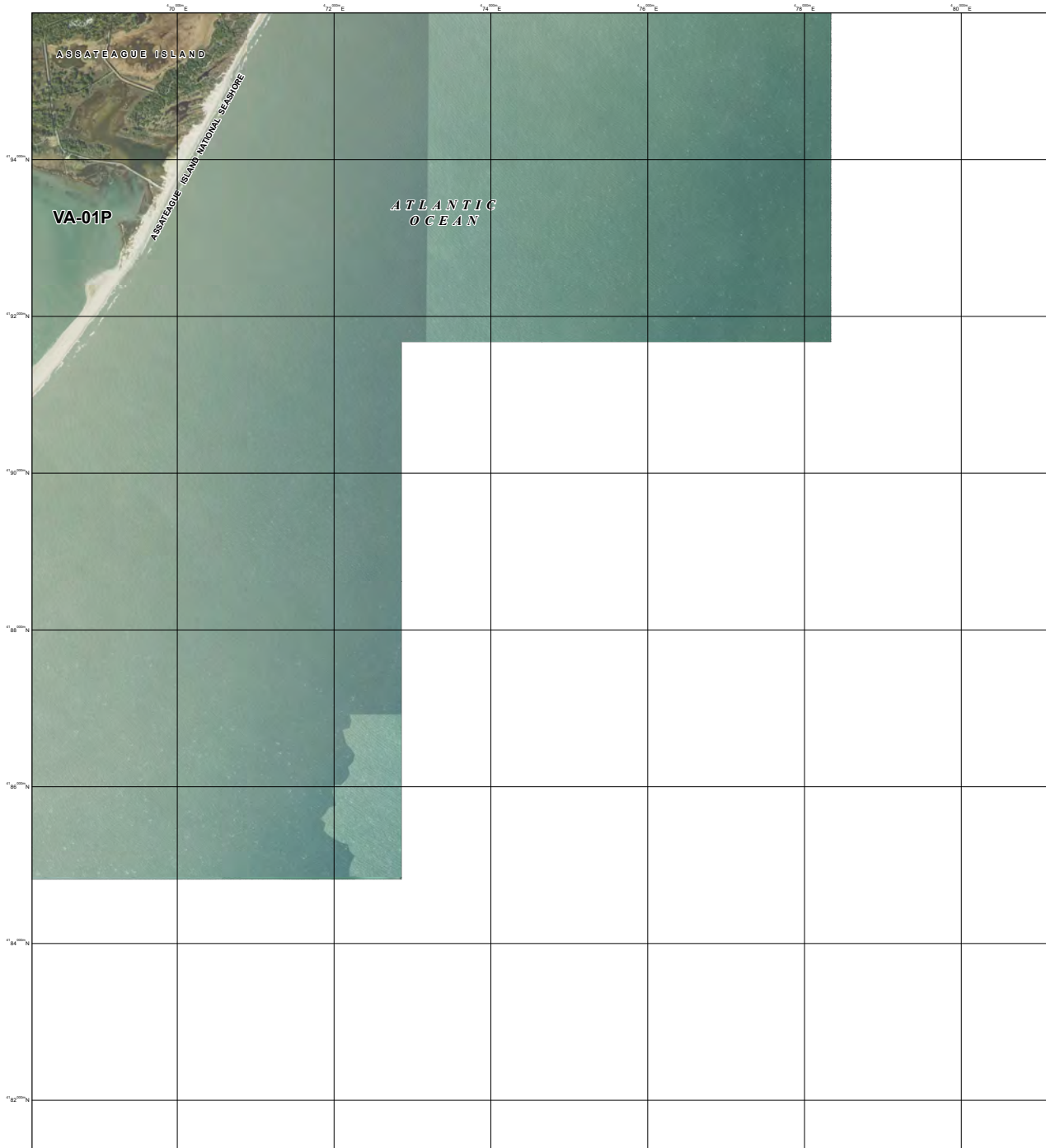
- Final Recommended System Unit Boundary
- Final Recommended Otherwise Protected Area (OPA) Boundary. OPAs are identified on the map by the letter "P" following the unit number.
- Approximate State Boundary
- 2000-meter Universal Transverse Mercator grid values

Imagery Date(s): 2018
 Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
 Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 18 North

Draft Map: 51-102A Map Date: December 18, 2020



Final Recommended



JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Assateague Island Unit VA-01P (3 of 4)

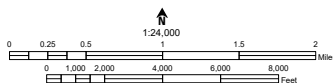
This draft map was produced by the U.S. Fish and Wildlife Service to show final recommended boundary changes to the John H. Chafee Coastal Barrier Resources System (CBRS) as directed by Section 4 of the Coastal Barrier Resources Reauthorization Act of 2005 (Public Law 109-226).

The seaward side of the CBRS unit includes the entire sand-sharing system, including the beach and nearshore area. The sand-sharing system of CBRS units is normally defined by the 30-ft bathymetric contour. In large coastal embayments and the Great Lakes, the sand-sharing system is defined by the 20-ft bathymetric contour or a line approximately one mile seaward of the shoreline, whichever is nearer the coastal barrier.

For additional information about the Coastal Barrier Resources Act or CBRS, please visit www.fws.gov/cbra.

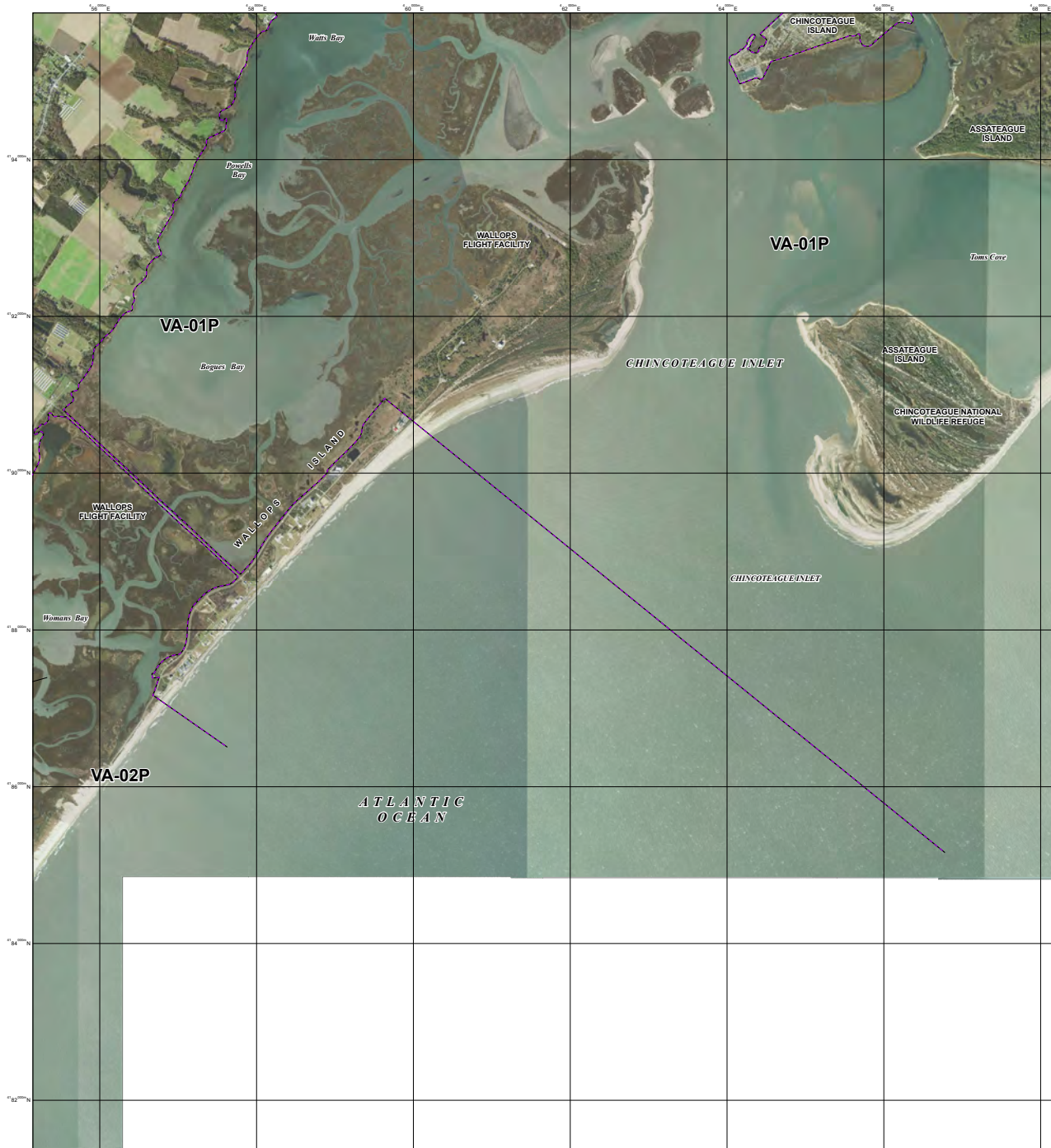
- Final Recommended System Unit Boundary
- Final Recommended Otherwise Protected Area (OPA) Boundary; OPAs are identified on the map by the letter "P" following the unit number
- Approximate State Boundary
- 2000-meter Universal Transverse Mercator grid values

Imagery Date(s): 2018
 Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
 Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 18 North



Draft Map: 51-103A Map Date: December 18, 2020

Final Recommended



JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Assateague Island Unit VA-01P (4 of 4)
Assawoman Island Unit VA-02P (1 of 3)

This draft map was produced by the U.S. Fish and Wildlife Service to show final recommended boundary changes to the John H. Chafee Coastal Barrier Resources System (CBRS) as directed by Section 4 of the Coastal Barrier Resources Reauthorization Act of 2005 (Public Law 109-226).

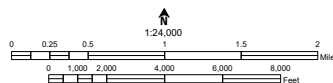
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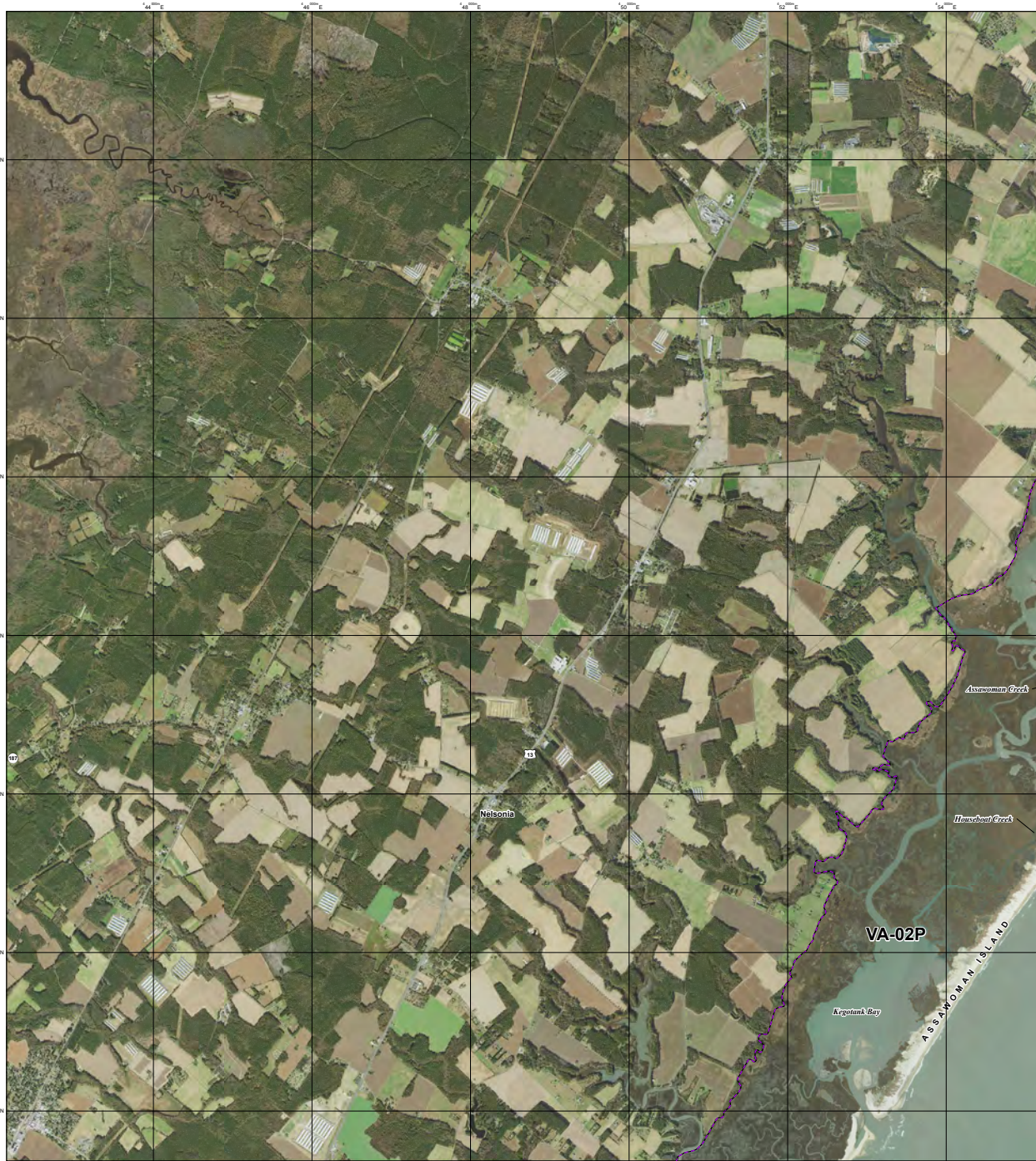
- Final Recommended System Unit Boundary
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- Approximate State Boundary
- 2000-meter Universal Transverse Mercator grid values

Imagery Date(s): 2018
 Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
 Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 18 North

Draft Map: 51-104A Map Date: December 18, 2020



Final Recommended



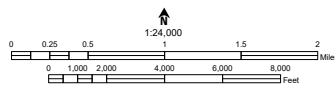
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Assawoman Island Unit VA-02P (2 of 3)

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- Draft Map: 51-105A Map Date: December 18, 2020

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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Assawoman Island Unit VA-02P (3 of 3)
 Metompkin Island Unit VA-03P
 Cedar Island Unit K03 (1 of 3)

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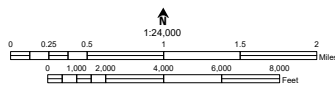
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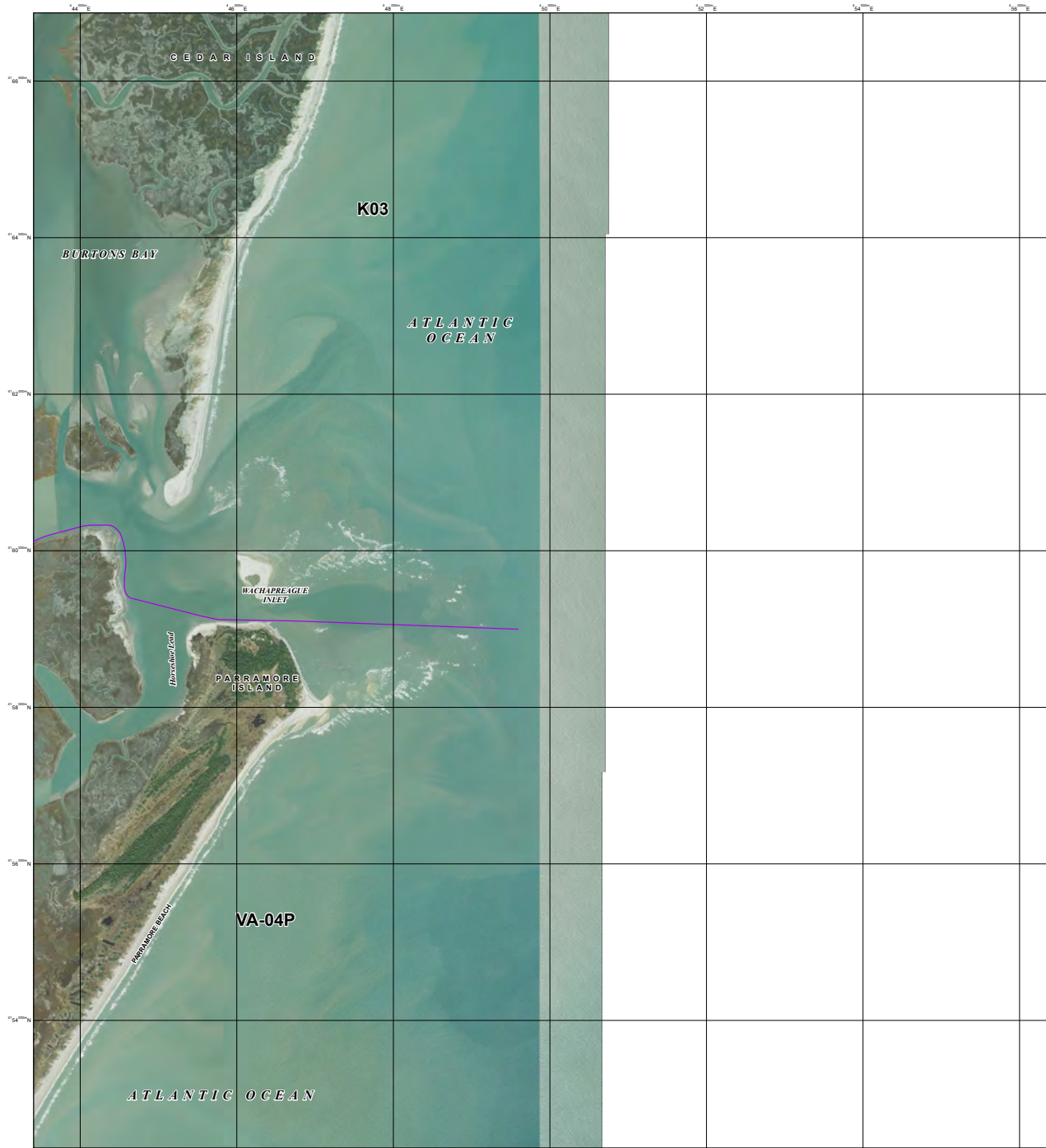
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Imagery Date(s): 2018
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Draft Map: 51-106A Map Date: December 18, 2020



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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Cedar Island Unit K03 (2 of 3)
Parramore/Hog/Cobb Islands Unit VA-04P (1 of 5)

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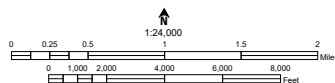
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Imagery Date(s): 2018

Imagery Source(s): United States Department of Agriculture
National Agricultural Imagery Program

Coordinate System: North American Datum 1983
Universal Transverse Mercator Zone 18 North

Draft Map: 51-107A Map Date: December 18, 2020



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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Cedar Island Unit K03 (3 of 3)
Parramore/Hog/Cobb Islands Unit VA-04P (2 of 5)

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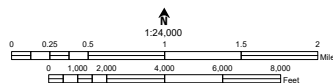
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Imagery Date(s): 2018
Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 18 North

Draft Map: 51-108A Map Date: December 18, 2020



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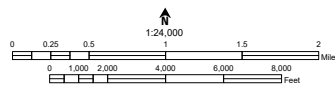
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Parramore/Hog/Cobb Islands Unit VA-04P (3 of 5)

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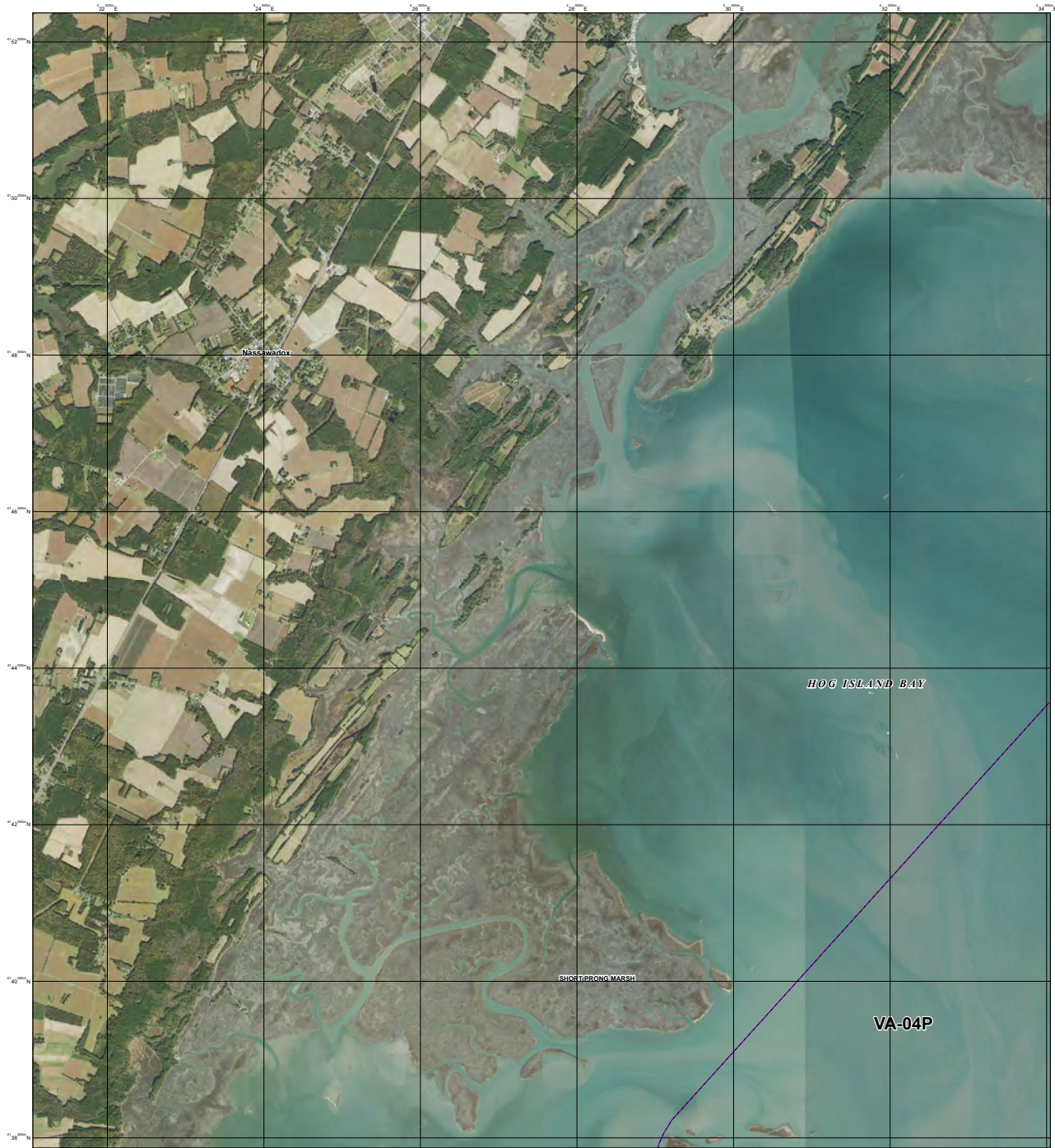
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- Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
- Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 18 North

Draft Map: 51-109A Map Date: December 18, 2020

Final Recommended



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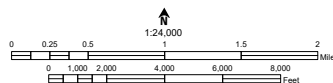
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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM
Parramore/Hog/Cobb Islands Unit VA-04P (4 of 5)

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Draft Map: 51-110A Map Date: December 18, 2020



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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Parramore/Hog/Cobb Islands Unit VA-04P (5 of 5)
 Little Cobb Island Unit K04
 Wreck Island Unit VA-05P (1 of 4)

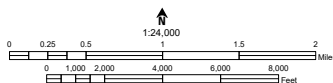
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Draft Map: 51-111A Map Date: December 18, 2020

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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Wreck Island Unit VA-05P (2 of 4)

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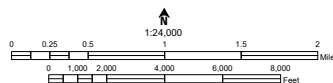
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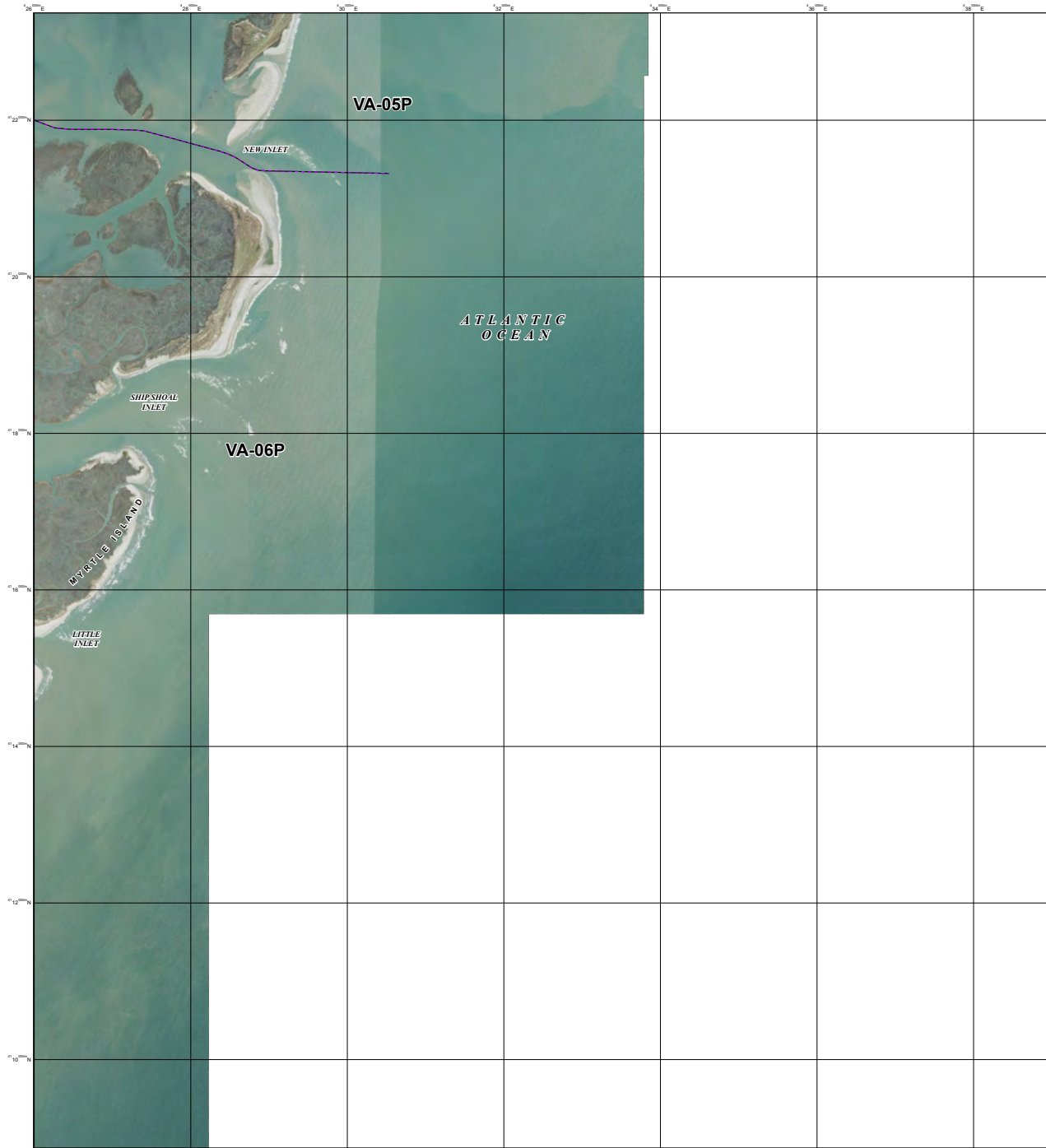
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Draft Map: 51-112A Map Date: December 18, 2020



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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Wreck Island Unit VA-05P (3 of 4)
Smith Island Unit VA-06P (1 of 3)

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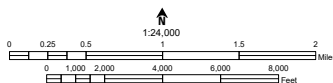
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 Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 18 North

Draft Map: 51-113A Map Date: December 18, 2020



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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

**Wreck Island Unit VA-05P (4 of 4)
Smith Island Unit VA-06P (2 of 3)
Fishermans Island Unit K05/K05P (1 of 2)**

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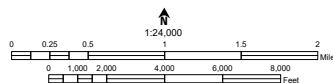
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Draft Map: 51-114A Map Date: December 18, 2020



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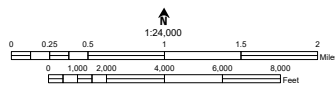
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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Smith Island Unit VA-06P (3 of 3)
Fishermans Island Unit K05/K05P (2 of 2)

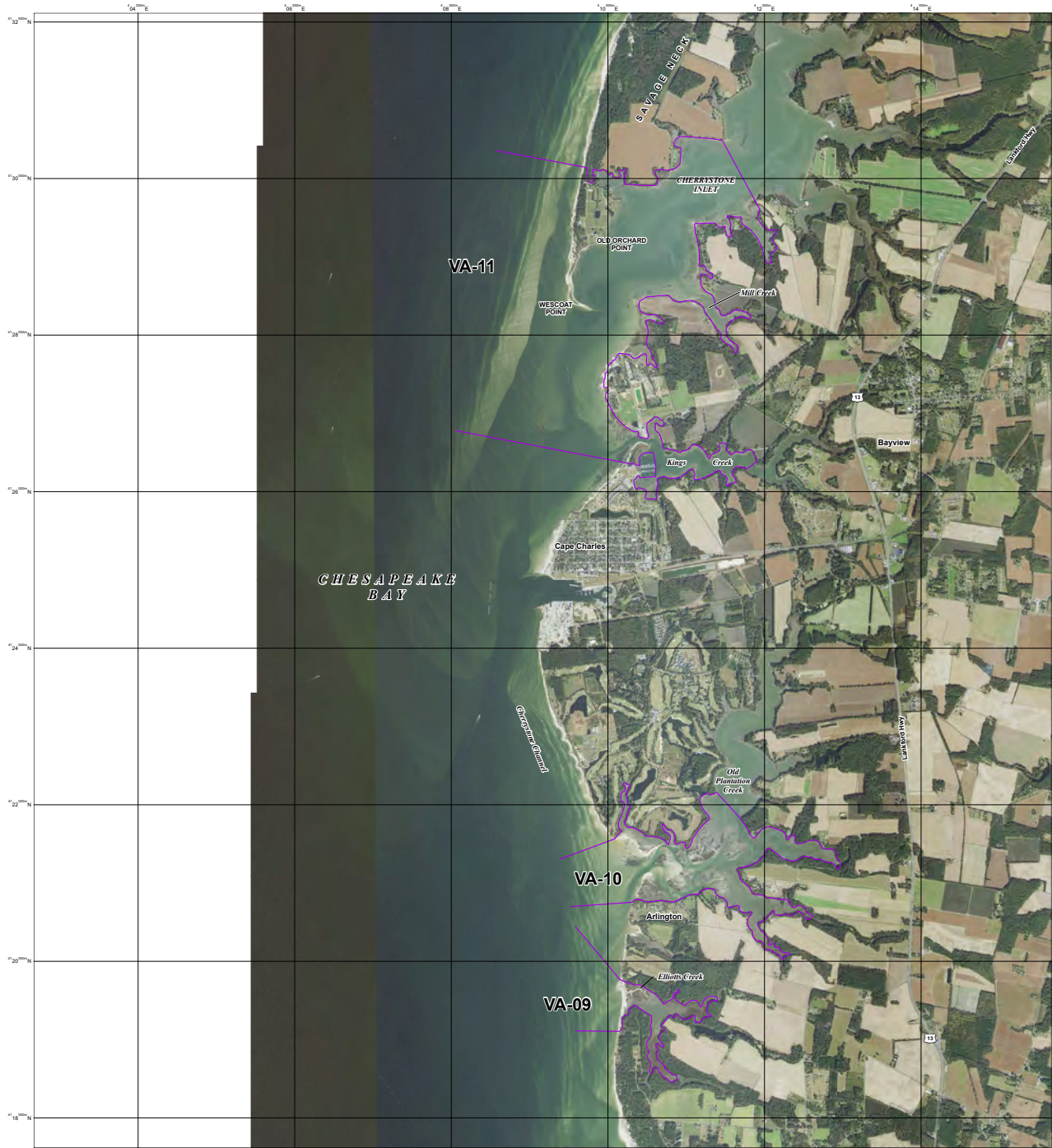
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Draft Map: 51-115A Map Date: December 18, 2020

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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

**Elliotts Creek Unit VA-09
Old Plantation Creek Unit VA-10
Wescoat Point Unit VA-11**

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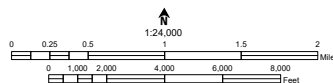
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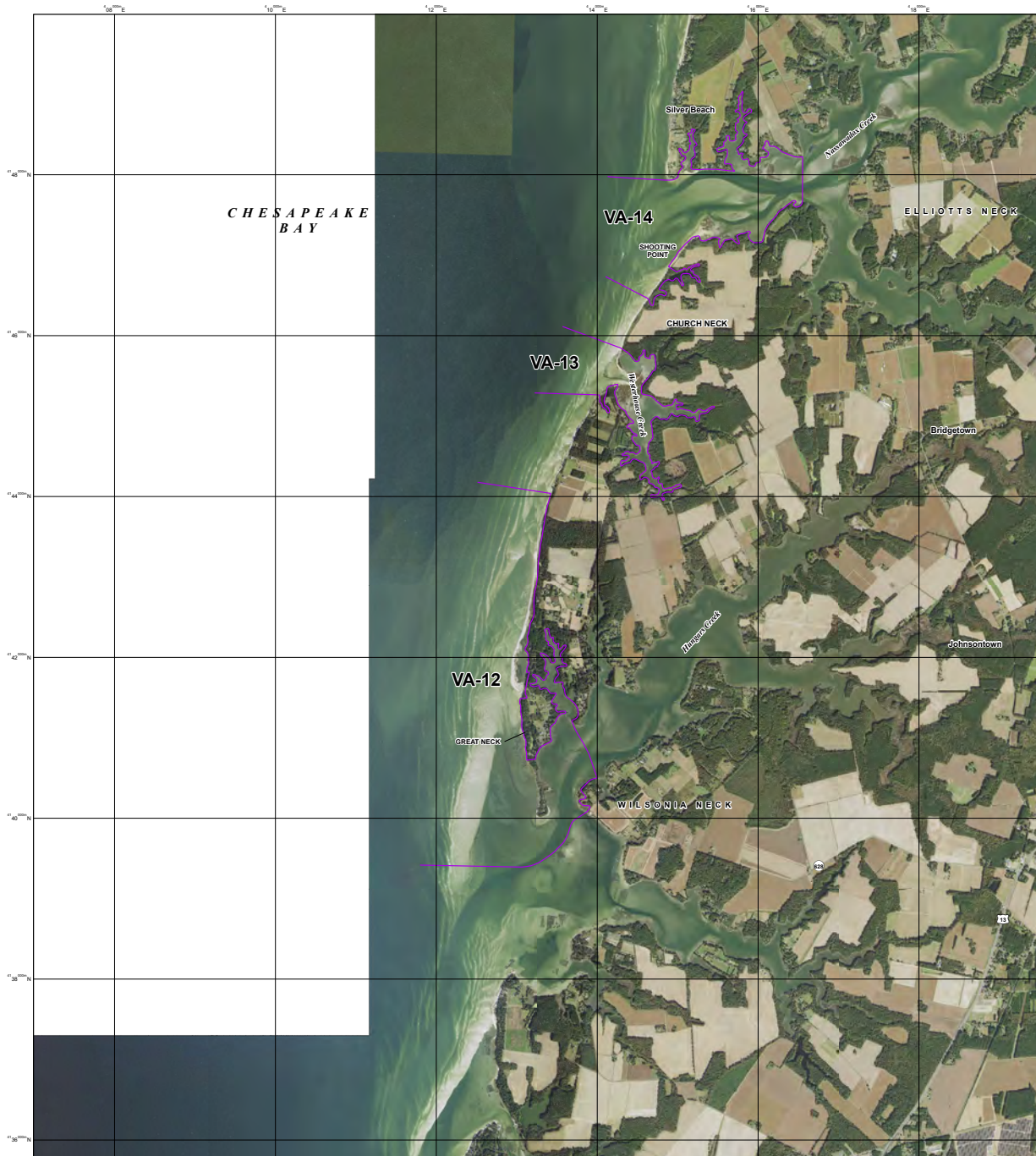
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 Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 18 North

Draft Map: 51-116A Map Date: December 18, 2020



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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Great Neck Unit VA-12
 Westerhouse Creek Unit VA-13
 Shooting Point Unit VA-14

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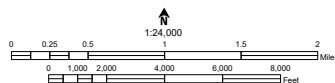
2000-meter Universal Transverse Mercator grid values

Imagery Date(s): 2018

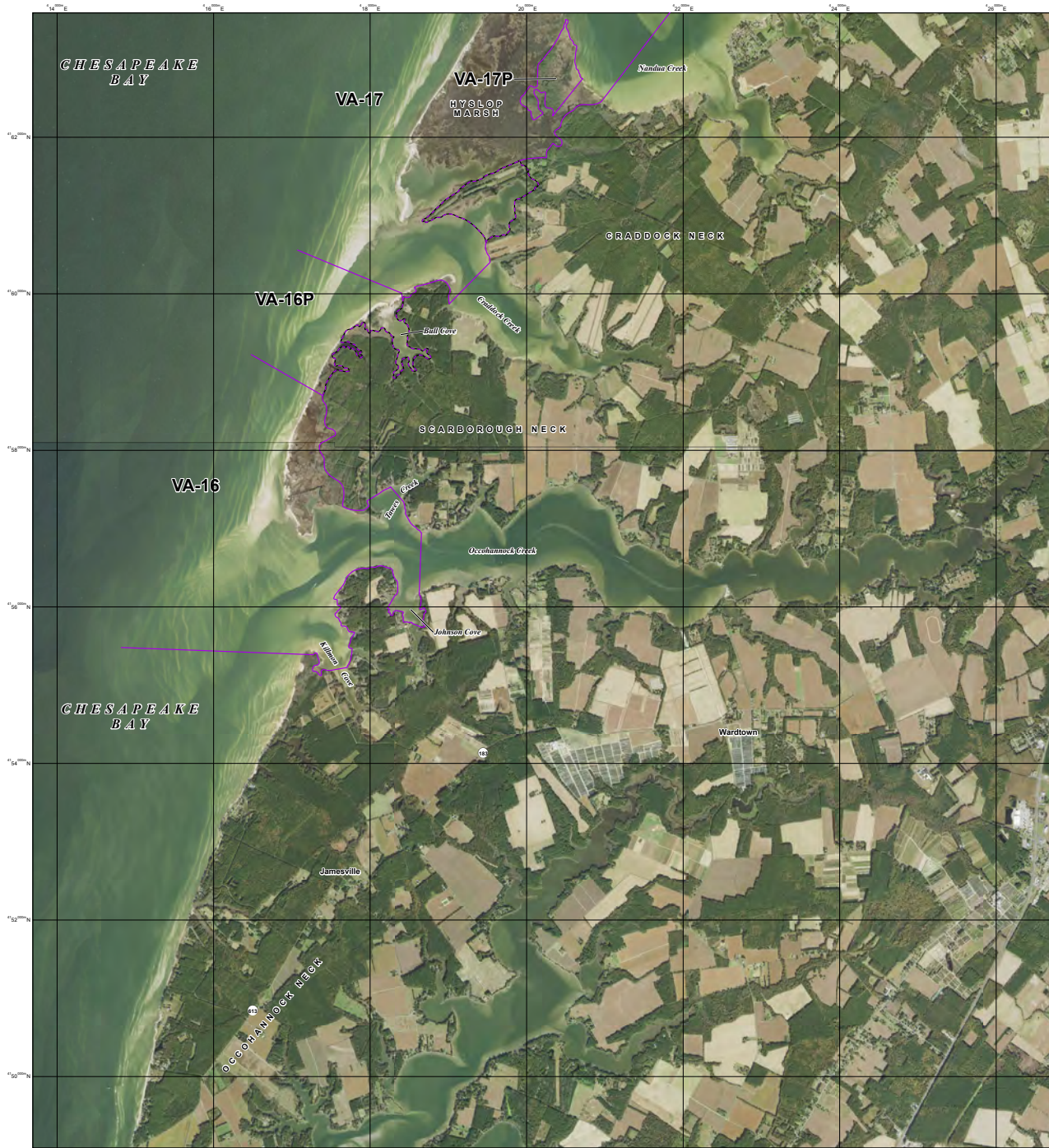
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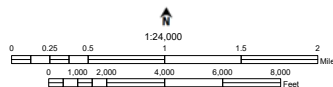
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Scarborough Neck Unit VA-16/VA-16P
Craddock Neck Unit VA-17/VA-17P (1 of 2)

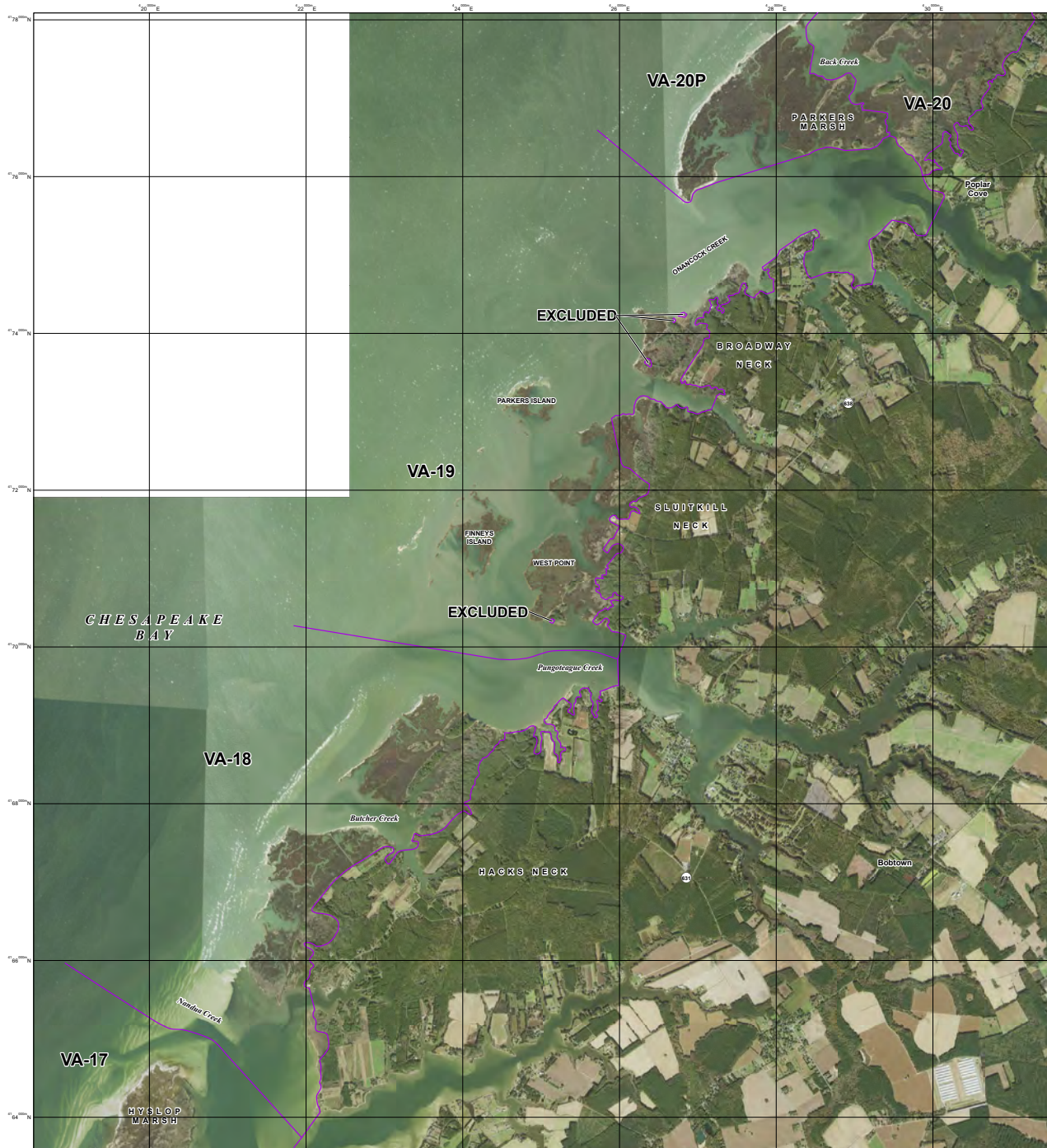
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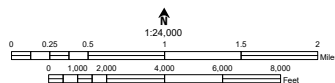
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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Craddock Neck Unit VA-17 (2 of 2)
Hacks Neck Unit VA-18
Parkers/Finneys Islands Unit VA-19
Parkers Marsh Unit VA-20/VA-20P (1 of 3)



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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Parkers Marsh Unit VA-20 (2 of 3)
Beach Island Unit VA-21 (1 of 2)
Russell Island Unit VA-22/VA-22P
Simpson Bend Unit VA-23

- Final Recommended System Unit Boundary
- Final Recommended Otherwise Protected Area (OPA) Boundary; OPAs are identified on the map by the letter "P" following the unit number
- Approximate State Boundary
- 2000-meter Universal Transverse Mercator grid values

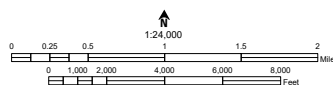
Imagery Date(s): 2018
 Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
 Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 18 North

Draft Map: 51-120A Map Date: December 18, 2020

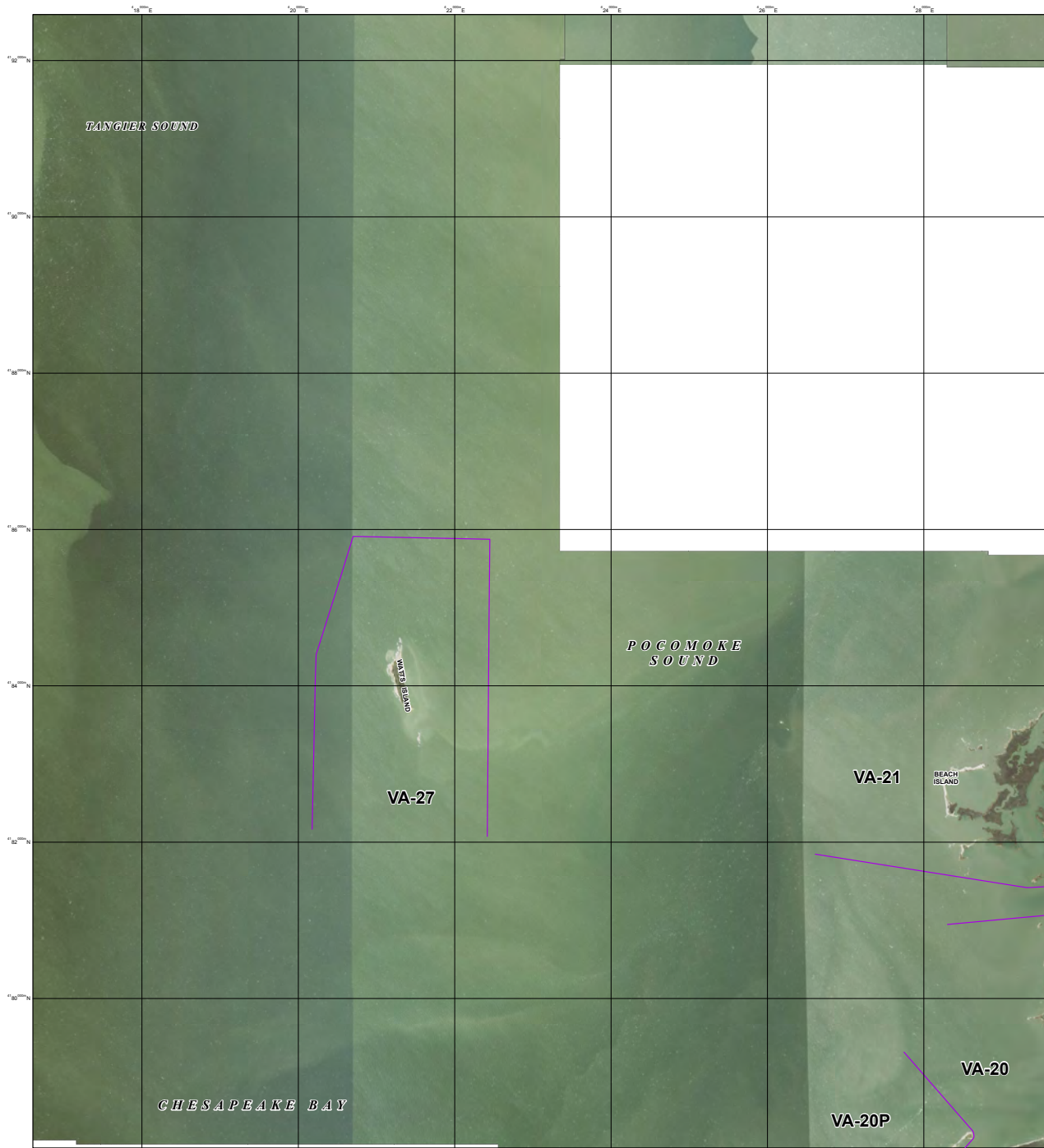
This draft map was produced by the U.S. Fish and Wildlife Service to show final recommended boundary changes to the John H. Chafee Coastal Barrier Resources System (CBRS) as directed by Section 4 of the Coastal Barrier Resources Reauthorization Act of 2005 (Public Law 109-226).

The seaward side of the CBRS unit includes the entire sand-sharing system, including the beach and nearshore area. The sand-sharing system of CBRS units is normally defined by the 30-ft bathymetric contour. In large coastal embayments and the Great Lakes, the sand-sharing system is defined by the 20-ft bathymetric contour or a line approximately one mile seaward of the shoreline, whichever is nearer the coastal barrier.

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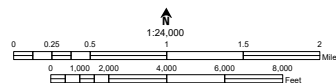
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

**Parkers Marsh Unit VA-20/VA-20P (3 of 3)
Beach Island Unit VA-21 (2 of 2)
Watts Island Unit VA-27**

- Final Recommended System Unit Boundary
- - - Final Recommended Otherwise Protected Area (OPA) Boundary; OPAs are identified on the map by the letter "P" following the unit number
- - - - - Approximate State Boundary
- $\phi 54^{\text{0000}}\text{N}$ 2000-meter Universal Transverse Mercator grid values

Imagery Date(s): 2018
 Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
 Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 18 North

Draft Map: 51-121A Map Date: December 18, 2020



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CBRS Units MD-02 and MD-03 in this area are shown. See official map for Fair Island Unit MD-02, Sound Shore Unit MD-03.

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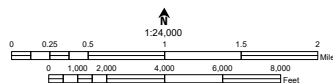
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Drum Bay Unit VA-24

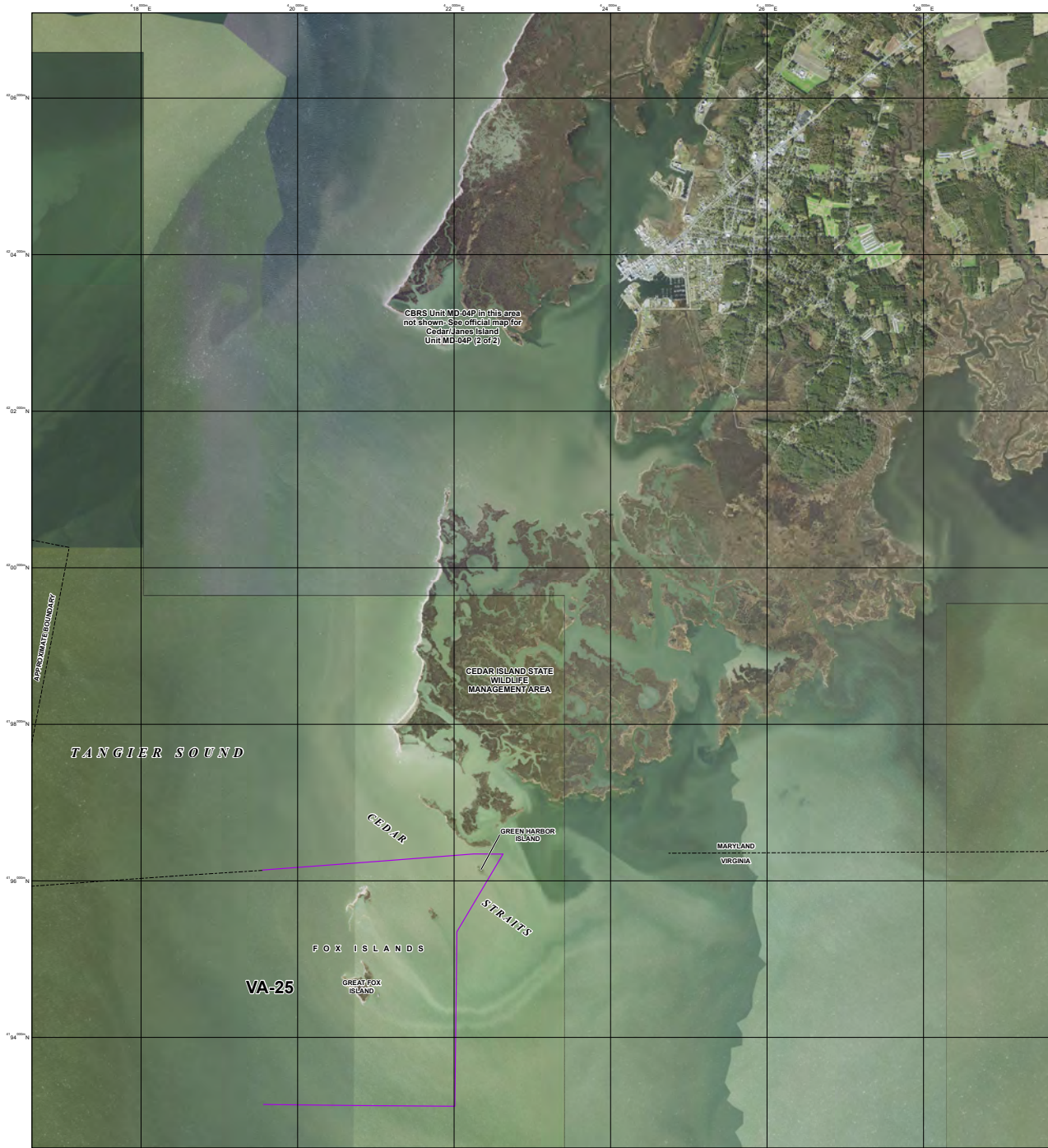
- Final Recommended System Unit Boundary
- - - Final Recommended Otherwise Protected Area (OPA) Boundary. OPAs are identified on the map by the letter "P" following the unit number
- - - - - Approximate State Boundary
- $\frac{1}{254000}N$ 2000-meter Universal Transverse Mercator grid values

Imagery Date(s): 2018
 Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
 Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 18 North

Draft Map: 51-122A Map Date: December 18, 2020



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Fox Islands Unit VA-25

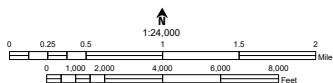
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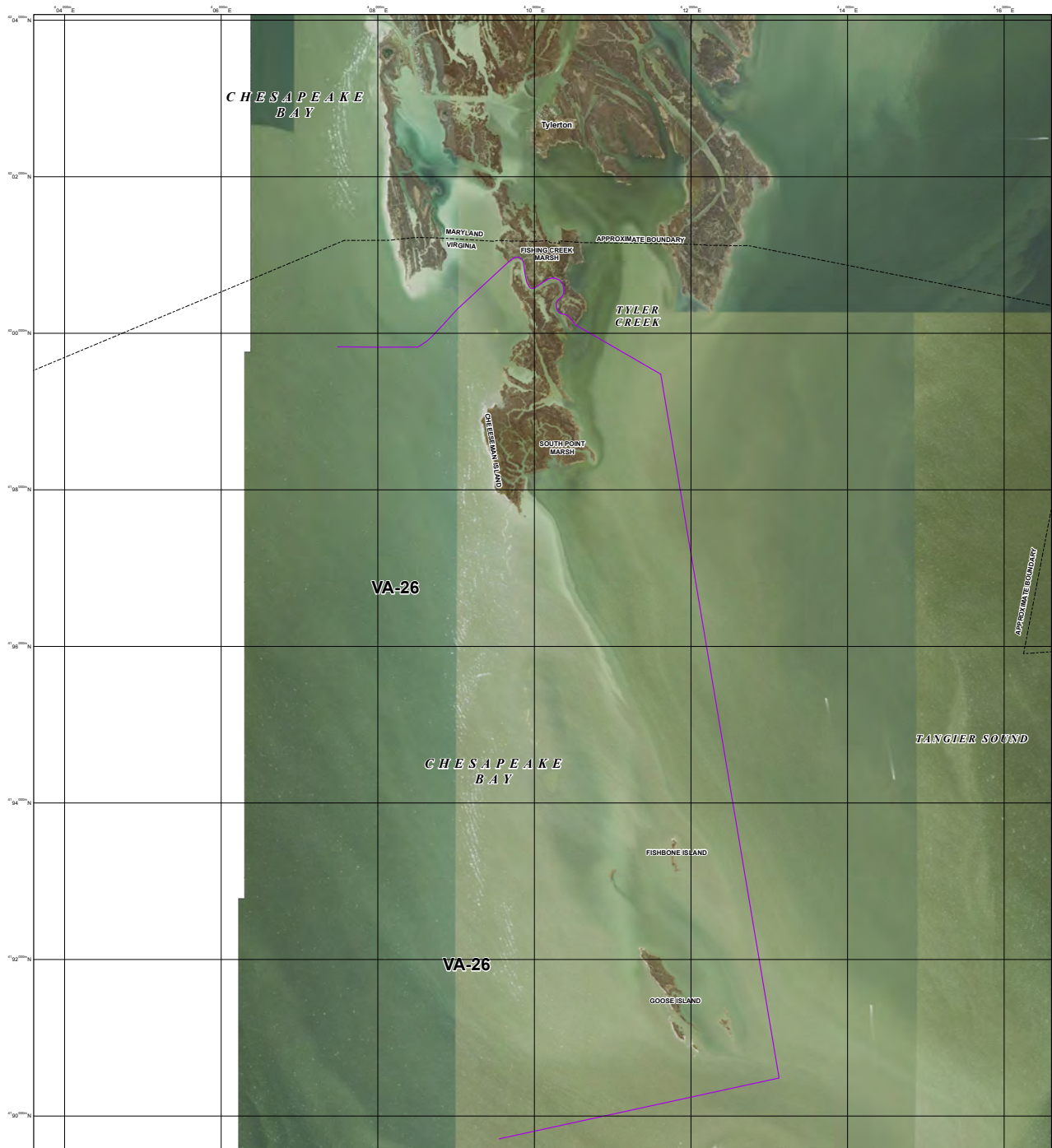
- Final Recommended System Unit Boundary
- Final Recommended Otherwise Protected Area (OPA) Boundary; OPAs are identified on the map by the letter "P" following the unit number
- - - - Approximate State Boundary
- 2000-meter Universal Transverse Mercator grid values

Imagery Date(s): 2018
 Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
 Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 18 North



Draft Map: 51-123A Map Date: December 18, 2020

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Cheeseman Island Unit VA-26

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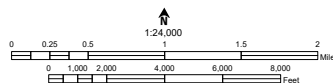
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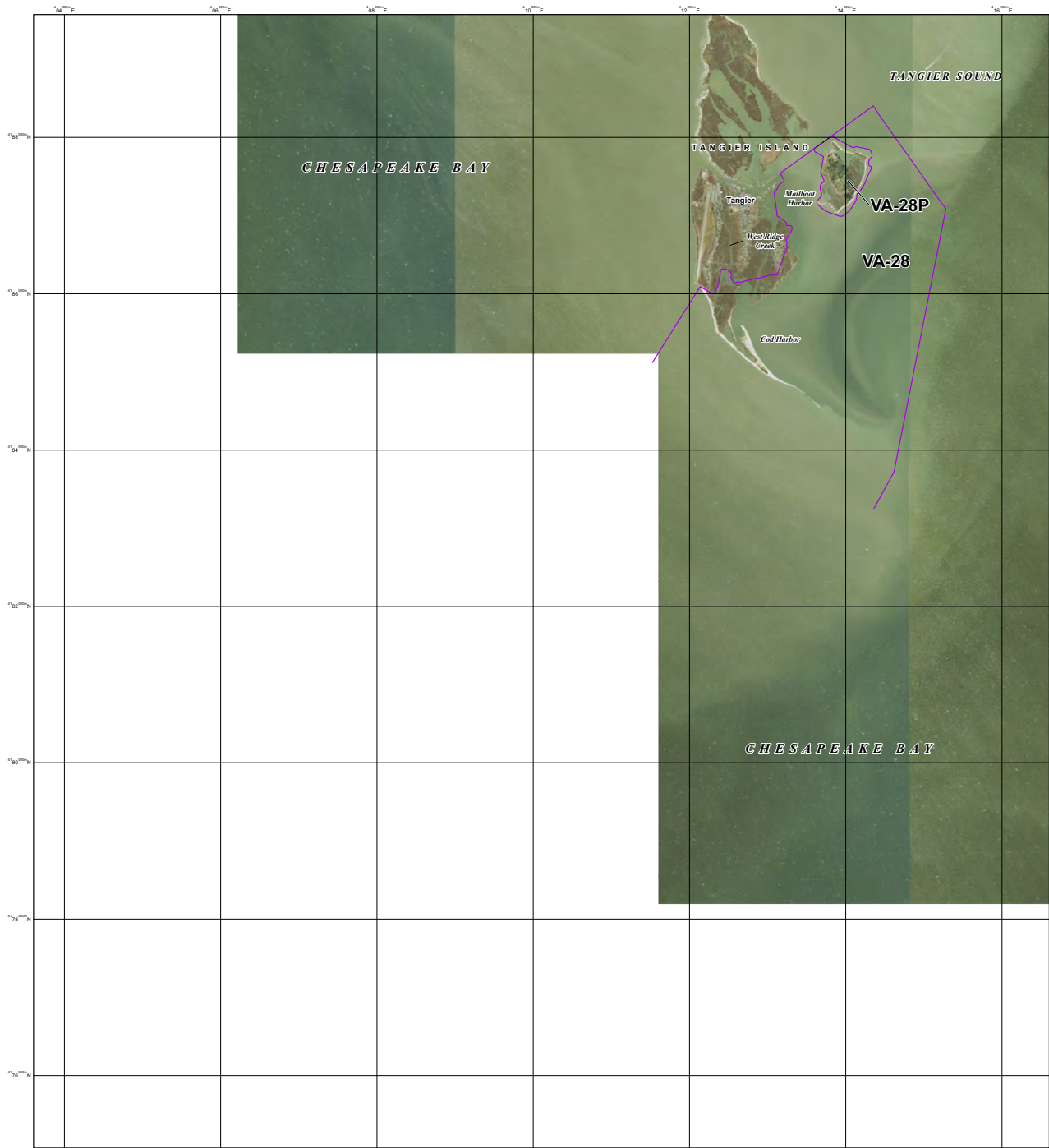
- Final Recommended System Unit Boundary
- Final Recommended Otherwise Protected Area (OPA) Boundary; OPAs are identified on the map by the letter "P" following the unit number
- Approximate State Boundary
- 2000-meter Universal Transverse Mercator grid values

Imagery Date(s): 2018
 Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
 Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 18 North

Draft Map: 51-124A Map Date: December 18, 2020



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Tangier Island Unit VA-28/VA-28P

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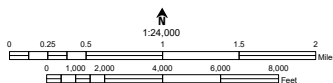
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- - - Final Recommended Otherwise Protected Area (OPA) Boundary; OPAs are identified on the map by the letter "P" following the unit number
- - - - - Approximate State Boundary
- ϕ 54⁰⁰⁰⁰N 2000-meter Universal Transverse Mercator grid values

Imagery Date(s): 2018
 Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
 Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 18 North

Draft Map: 51-125A Map Date: December 18, 2020



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Elbow Point Unit VA-29
White Point Unit VA-30
Cabin Point Unit VA-31
Glebe Point Unit VA-32

- Final Recommended System Unit Boundary
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- - - - Approximate State Boundary

2000-meter Universal Transverse Mercator grid values

Imagery Date(s): 2018

Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program

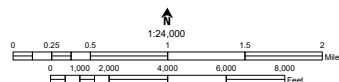
Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 18 North

Draft Map: 51-126A Map Date: December 18, 2020

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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Sandy Point Unit VA-33
Judith Sound Unit VA-34

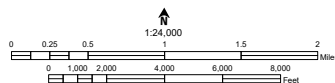
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- Approximate State Boundary
- 2000-meter Universal Transverse Mercator grid values

Imagery Date(s): 2018
 Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
 Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 18 North



Draft Map: 51-127A Map Date: December 18, 2020

Final Recommended



JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

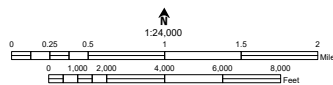
Cod Creek Unit VA-35
Presley Creek Unit VA-36
Cordreys Beach Unit VA-37
Marshalls Beach Unit VA-38

- Final Recommended System Unit Boundary
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- Approximate State Boundary
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Draft Map: 51-128A Map Date: December 18, 2020

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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

**Ginny Beach Unit VA-39P, Gaskin Pond Unit VA-40
Owens Pond Unit VA-41, Chesapeake Beach Unit VA-42
Fleet Point Unit VA-43
Bussel Point Unit VA-44**

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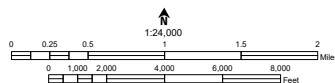
- Final Recommended System Unit Boundary
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- Approximate State Boundary

Imagery Date(s): 2018

Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program

Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 18 North

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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

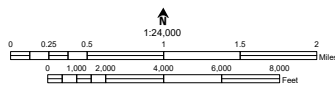
**Harveys Creek Unit VA-45, Dameron Marsh Unit VA-63P
Ingram Cove Unit VA-46
Bluff Point Neck Unit VA-47/VA-47P
Barnes Creek Unit VA-48**

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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

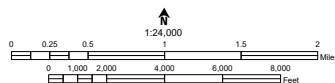
**Little Bay Unit VA-64, North Point Unit VA-49
 White Marsh Unit VA-65P, Windmill Point Unit VA-50
 Deep Hole Point Unit VA-51, Sturgeon Creek Unit VA-52
 Jackson Creek Unit VA-53**

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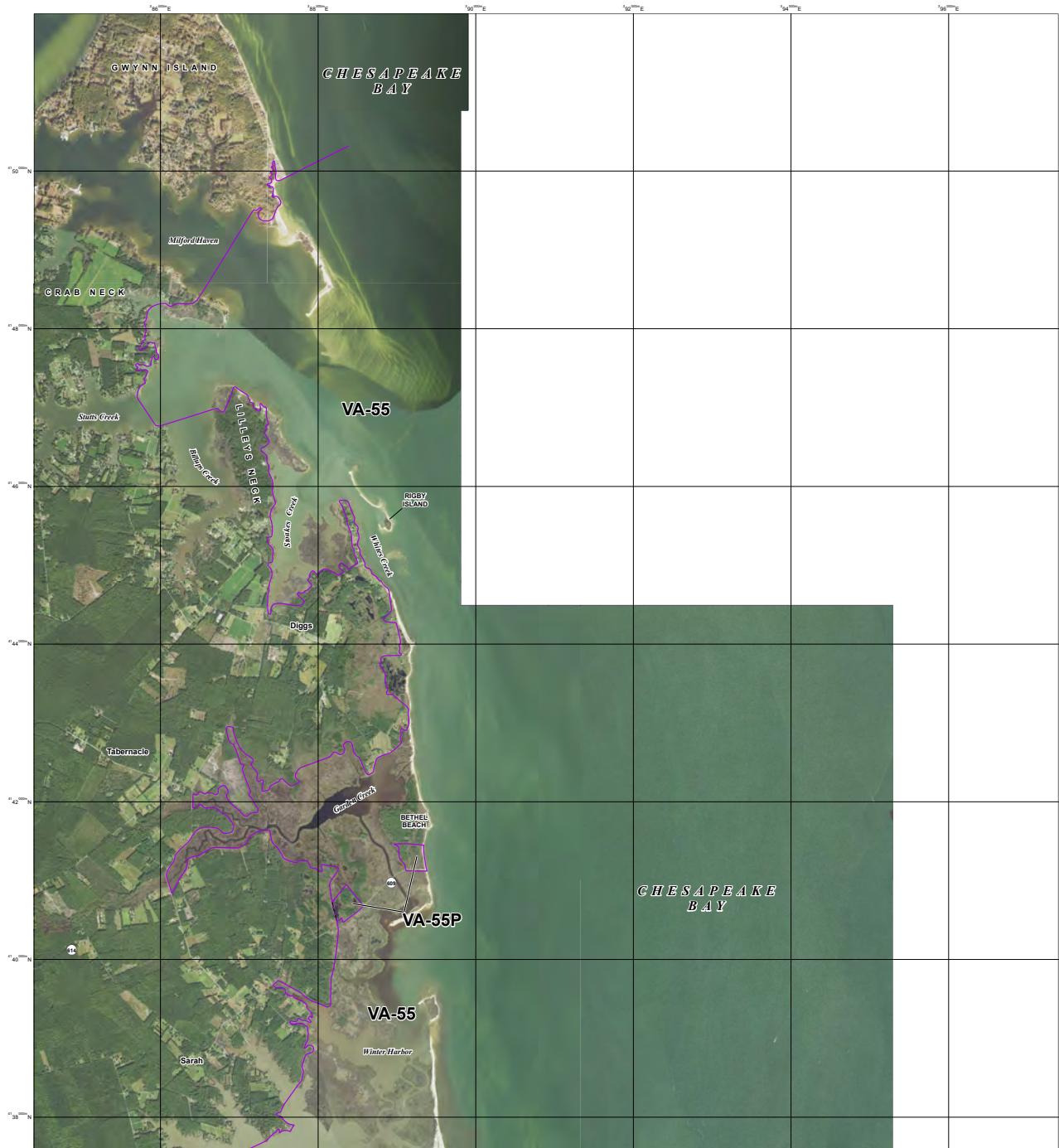
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Draft Map: 51-131A Map Date: December 18, 2020

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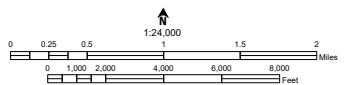
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM
Rigby Island/Bethal Beach Unit VA-55/VA-55P (1 of 2)

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- Draft Map: 51-132A Map Date: December 18, 2020



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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Rigby Island/Bethal Beach Unit VA-55 (2 of 2)
New Point Comfort Unit VA-56

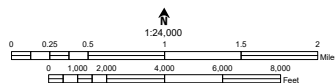
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Imagery Source(s): United States Department of Agriculture
National Agricultural Imagery Program

Coordinate System: North American Datum 1983
Universal Transverse Mercator Zone 18 North

Draft Map: 51-133A Map Date: December 18, 2020



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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

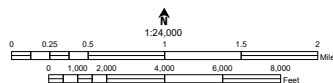
Lone Point Unit VA-66
 Oldhouse Creek Unit VA-67
 Ware Neck Unit VA-57
 Severn River Unit VA-58 (1 of 2)

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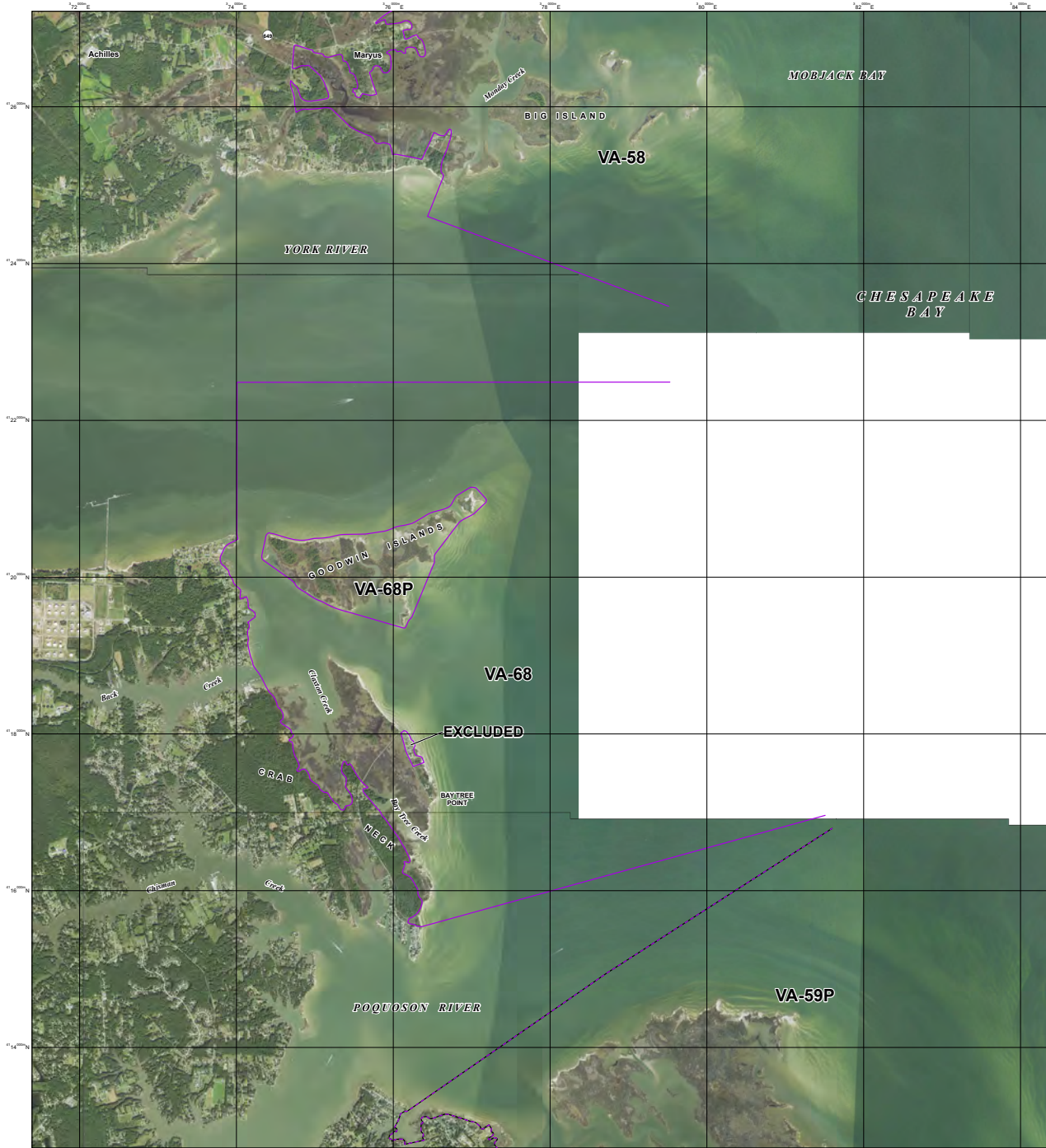
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Draft Map: 51-134A Map Date: December 18, 2020

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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Severn River Unit VA-58 (2 of 2)
 Bay Tree Beach Unit VA-68/VA-68P
 Plum Tree Island Unit VA-59P (1 of 2)

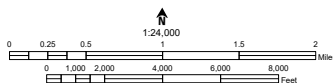
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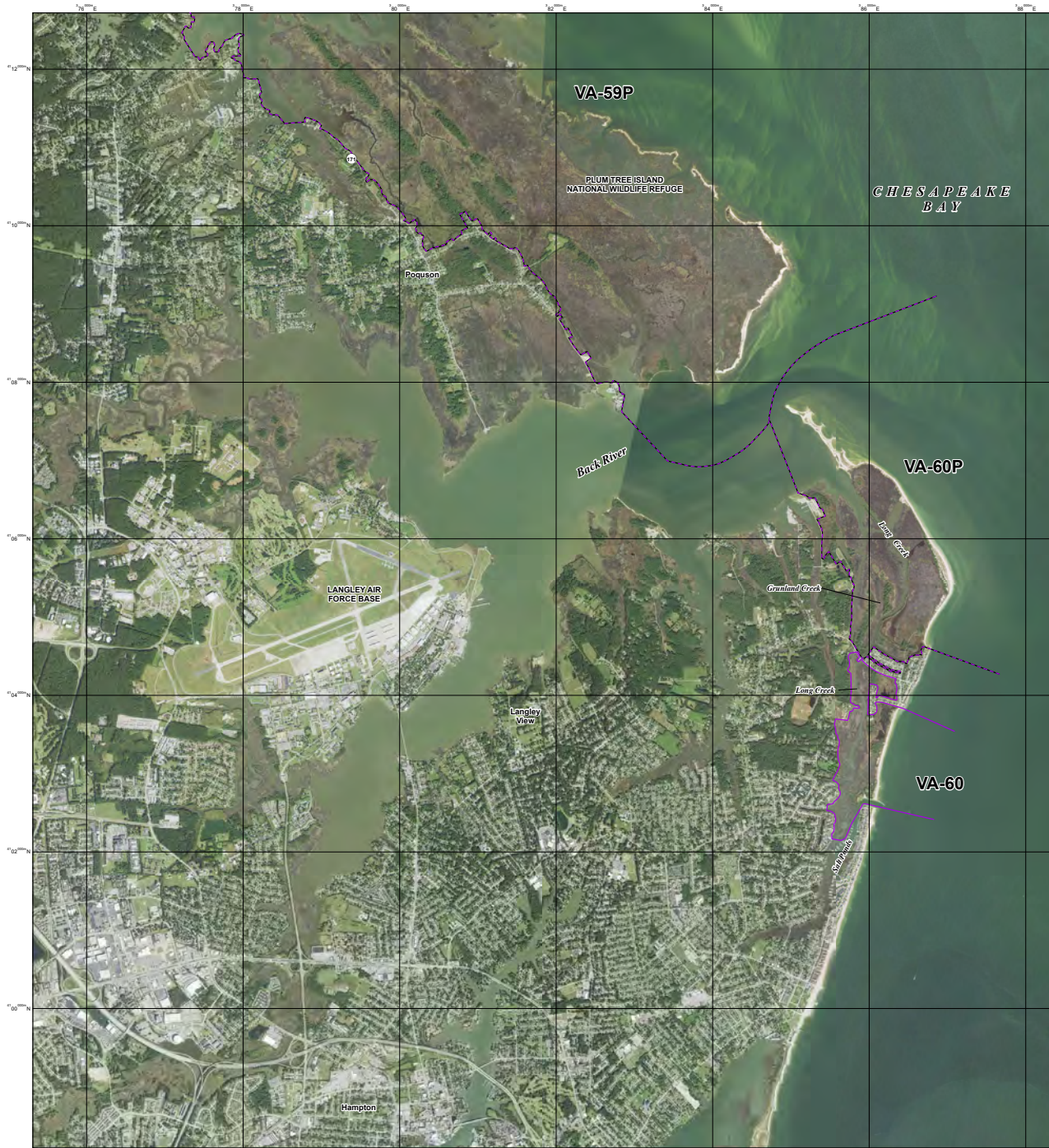
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Draft Map: 51-135A Map Date: December 18, 2020

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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Plum Tree Island Unit VA-59P (2 of 2)
Long Creek Unit VA-60/VA-60P

This draft map was produced by the U.S. Fish and Wildlife Service to show final recommended boundary changes to the John H. Chafee Coastal Barrier Resources System (CBRS) as directed by Section 4 of the Coastal Barrier Resources Reauthorization Act of 2005 (Public Law 109-226).

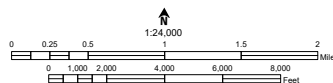
The seaward side of the CBRS unit includes the entire sand-sharing system, including the beach and nearshore area. The sand-sharing system of CBRS units is normally defined by the 30-ft bathymetric contour. In large coastal embayments and the Great Lakes, the sand-sharing system is defined by the 20-ft bathymetric contour or a line approximately one mile seaward of the shoreline, whichever is nearer the coastal barrier.

For additional information about the Coastal Barrier Resources Act or CBRS, please visit www.fws.gov/cbra.

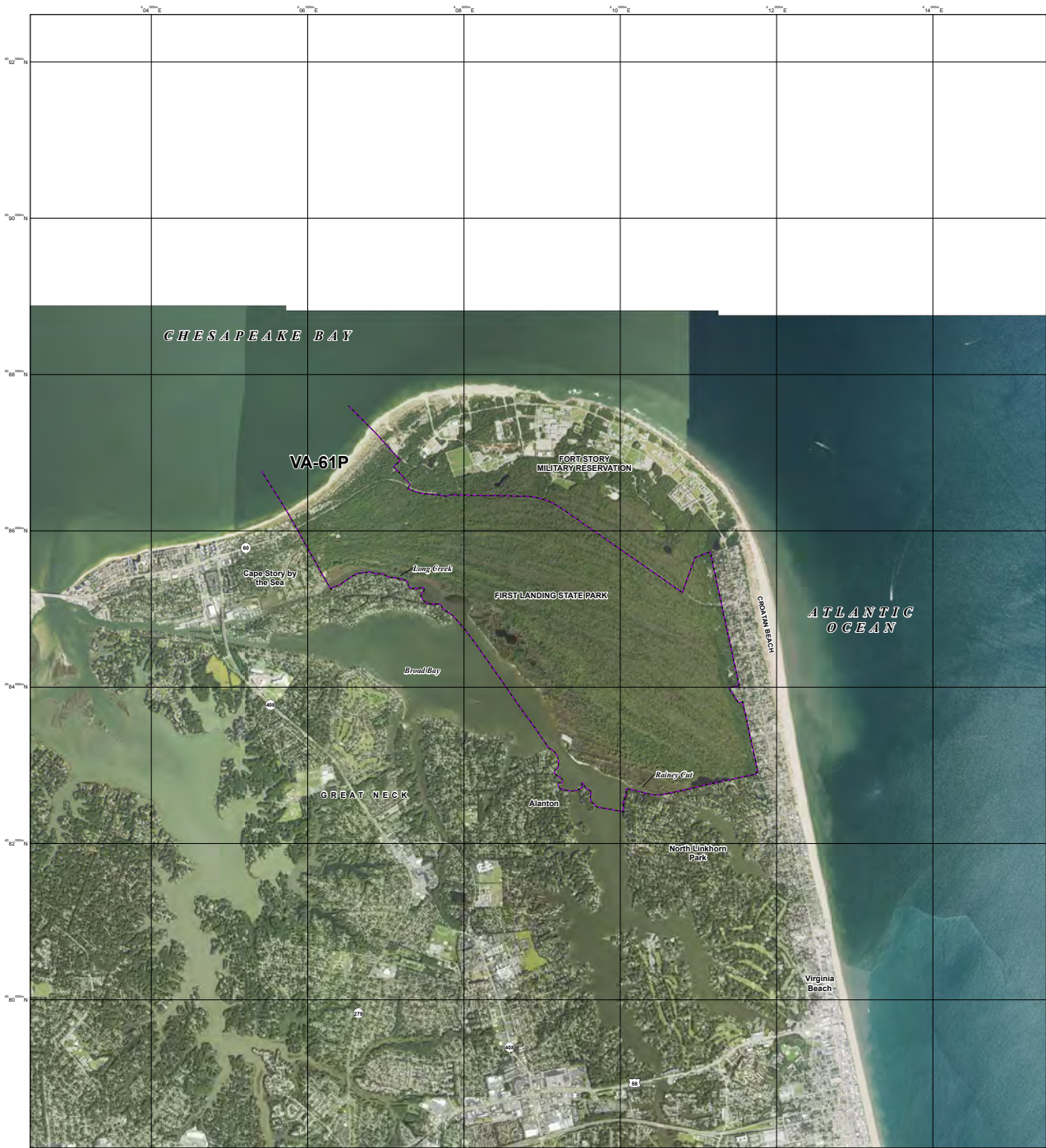
- Final Recommended System Unit Boundary
- Final Recommended Otherwise Protected Area (OPA) Boundary. OPAs are identified on the map by the letter "P" following the unit number.
- Approximate State Boundary
- 2000-meter Universal Transverse Mercator grid values

Imagery Date(s): 2018
 Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
 Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 18 North

Draft Map: 51-136A Map Date: December 18, 2020



Final Recommended



JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

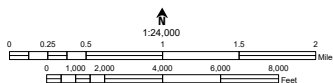
Cape Henry Unit VA-61P

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The seaward side of the CBRS unit includes the entire sand-sharing system, including the beach and nearshore area. The sand-sharing system of CBRS units is normally defined by the 30-ft bathymetric contour. In large coastal embayments and the Great Lakes, the sand-sharing system is defined by the 20-ft bathymetric contour or a line approximately one mile seaward of the shoreline, whichever is nearer the coastal barrier.

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- Approximate State Boundary
- 2000-meter Universal Transverse Mercator grid values
- Imagery Date(s): 2018
- Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
- Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 18 North



Draft Map: 51-137A Map Date: December 18, 2020

Final Recommended



JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Back Bay Unit VA-62P (1 of 2)

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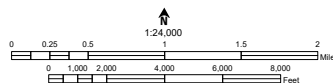
The seaward side of the CBRS unit includes the entire sand-sharing system, including the beach and nearshore area. The sand-sharing system of CBRS units is normally defined by the 30-ft bathymetric contour. In large coastal embayments and the Great Lakes, the sand-sharing system is defined by the 20-ft bathymetric contour or a line approximately one mile seaward of the shoreline, whichever is nearer the coastal barrier.

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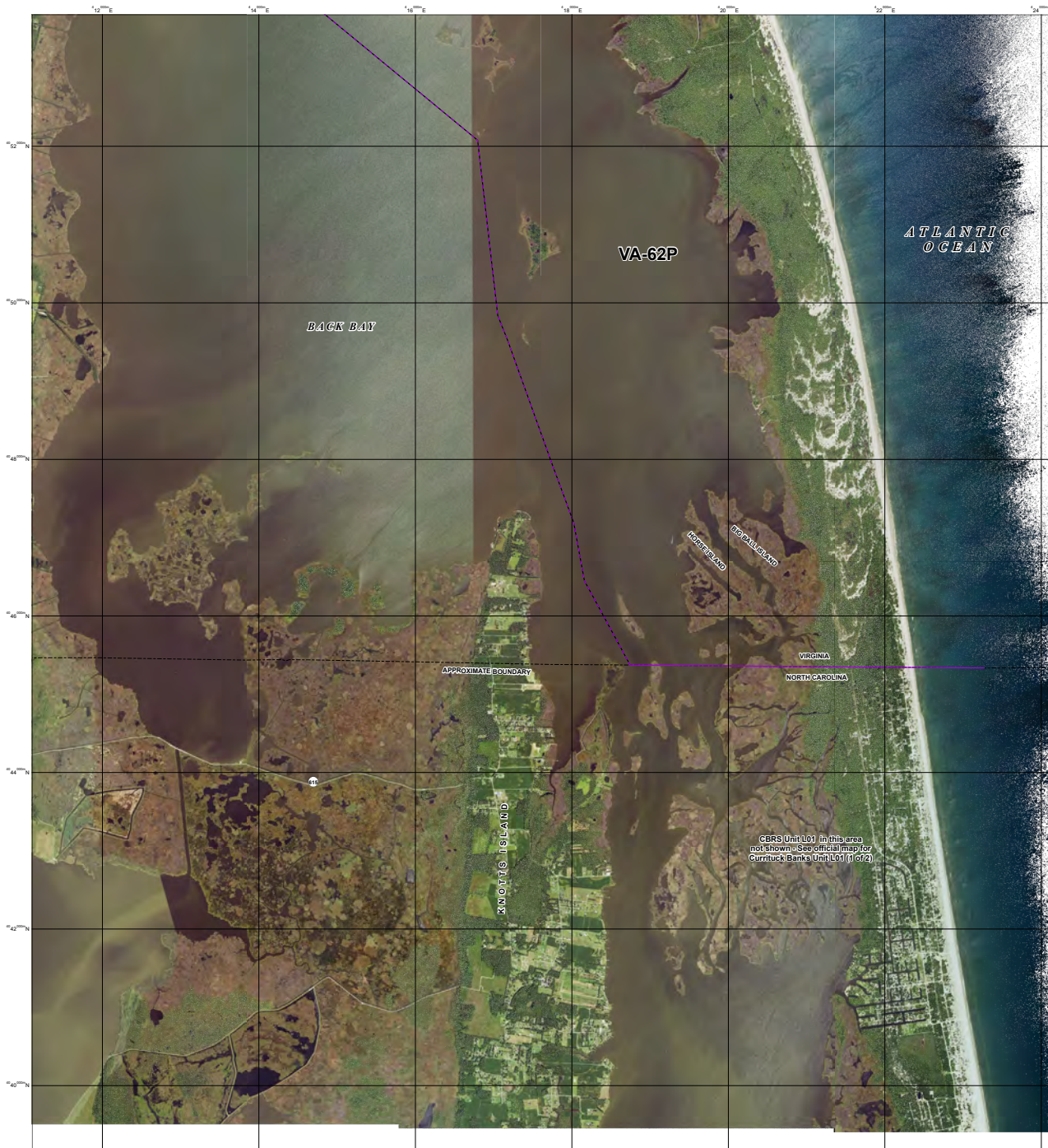
- Final Recommended System Unit Boundary
- Final Recommended Otherwise Protected Area (OPA) Boundary; OPAs are identified on the map by the letter "P" following the unit number
- Approximate State Boundary
- 2000-meter Universal Transverse Mercator grid values

Imagery Date(s): 2018
 Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
 Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 18 North

Draft Map: 51-138A Map Date: December 18, 2020



Final Recommended



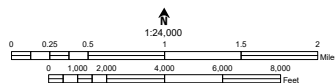
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JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

Back Bay Unit VA-62P (2 of 2)



- Final Recommended System Unit Boundary
- - - Final Recommended Otherwise Protected Area (OPA) Boundary; OPAs are identified on the map by the letter "P" following the unit number
- - - - - Approximate State Boundary
- $\phi 54^{\circ}00'N$ 2000-meter Universal Transverse Mercator grid values
- Imagery Date(s): 2018
- Imagery Source(s): United States Department of Agriculture National Agricultural Imagery Program
- Coordinate System: North American Datum 1983 Universal Transverse Mercator Zone 18 North

Draft Map: 51-139A Map Date: December 18, 2020

U.S. Department of the Interior
U.S. Fish & Wildlife Service

<http://www.fws.gov>

April 2022

