

U.S. Fish & Wildlife Service

John H. Chafee Coastal Barrier Resources System (CBRS)

Unit DE-01P, Little Creek, Delaware

Summary of Proposed Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Kent

Congressional District: At Large

Existing Map:

The existing CBRS map depicting this unit is:

- [10-001A](#) dated December 6, 2013

Proposed Boundary Notice of Availability:

The U.S. Fish & Wildlife Service (Service) opened a public comment period on the proposed changes to Unit DE-01P via *Federal Register* notice. The *Federal Register* notice and the proposed boundary (accessible through the CBRS Projects Mapper) are available on the Service's website at www.fws.gov/cbra.

Establishment of Unit:

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

Historical Changes:

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

- *Federal Register* notice (79 FR 21787) published on April 17, 2014, 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-to-CBRA.html>.

Proposed Changes:

The proposed changes to Unit DE-01P are described below.

Proposed Removals:

- One accessory structure along Bayside Drive
- One residential structure and adjacent fastland located along Old Bowers Road

Proposed Additions:

- Portions of Little Creek Wildlife Area, Ted Harvey Wildlife Area, and Port Mahon Access and Fishing Area (owned by the Delaware Department of Natural Resources and Environmental Control (DNREC))
- Undeveloped fastland and associated aquatic habitat that are both publicly and privately owned and not held for conservation and/or recreation in the vicinity of Port Mahon, Little Creek, Kitts Hummock, and Bowers Beach
- Undeveloped portions of the John Dickinson Plantation Historic Site (owned by the Delaware Department of State)
- Portions of the St. Jones Reserve (which is part of the Delaware National Estuarine Research Reserve owned by the DNREC)
- Areas of associated aquatic habitat and minor areas of undeveloped fastland that are privately owned and subject to an agricultural conservation easement (held by the Delaware Department of Agriculture), located to the west of Bowers Beach and along the St. Jones River and Trunk Ditch

Unit DE-01P Summary of Proposed Changes (continued)

Proposed Reclassifications:

- From System Unit DE-01 to OPA Unit DE-01P: Portions of Little Creek Wildlife Area (owned by the DNREC) and minor portions of adjacent privately owned areas not held for conservation and/or recreation

Other Modifications/Information:

- Areas of fastland and associated aquatic habitat not held for conservation and/or recreation, located in the vicinity of the Little River and Kitts Hummock, and to the west of Pickering Beach, are currently within OPA Unit DE-01P. Most of these areas are inholdings (i.e., private land within the exterior boundaries of a conservation and/or recreation area). These areas are not proposed for reclassification to a System Unit.
- Modification of portions of the landward boundary of the unit to better align with the boundary of Little Creek Wildlife Area, which results in some small additions and removals

For information about the Service's guiding principles and criteria for assessing modifications to the CBRS, visit www.fws.gov/cbra.

Unit DE-01P Summary of Proposed Changes (continued)

Acreage, Shoreline, and Structure Information:

The table below includes the acreage, shoreline, and structure changes associated with the proposed boundary of Unit DE-01P.

	<i>Total Acres</i>	<i>Fastland Acres*</i>	<i>Associated Aquatic Habitat Acres**</i>	<i>Shoreline Miles</i>	<i>Structures***</i>
Existing Unit	6,345	1,090	5,255	5.3	
Added to the CBRS	1,605	56	1,549		0
Removed from the CBRS	17	15	2		2
Reclassified Area****	(6)	0	(6)		0
Proposed Unit	7,927	1,131	6,796	6.4	
Net Change	1,582	41	1,541	1.1	(2)

*Land above mean high tide.

**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 from an interpretation of aerial imagery in consultation with National Wetlands Inventory data and other data sources as necessary.

***Approximate structure count is derived from aerial imagery. Structures without walls and a roof (e.g., picnic shelters) and structures of fewer than 200 square feet are not included in this structure count because they do not meet the definition of a "structure" in 16 U.S.C. 3503(g)(2).

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

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U.S. Fish & Wildlife Service

John H. Chafee Coastal Barrier Resources System (CBRS)

Unit DE-01, Little Creek, Delaware

Summary of Proposed Changes

Type of Unit: System Unit

County: Kent

Congressional District: At Large

Existing Map:

The existing CBRS map depicting this unit is:

- [10-001A](#) dated December 6, 2013

Proposed Boundary Notice of Availability:

The U.S. Fish & Wildlife Service (Service) opened a public comment period on the proposed changes to Unit DE-01 via *Federal Register* notice. The *Federal Register* notice and the proposed boundary (accessible through the CBRS Projects Mapper) are available on the Service's website at www.fws.gov/cbra.

Establishment of Unit:

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

Historical Changes:

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

- *Federal Register* notice (79 FR 21787) published on April 17, 2014, 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-to-CBRA.html>.

Proposed Changes:

The proposed changes to Unit DE-01 are described below.

Proposed Removals:

- One accessory structure along the west side of North Bay Drive

Proposed Additions:

- Undeveloped fastland and associated aquatic habitat along North Bay Drive and associated aquatic habitat along Kitts Hummock Road, located in the vicinity of Kitts Hummock
- Undeveloped fastland located at the northern and southern ends of Pickering Beach and wetlands to the west of Pickering Beach
- Minor portions of areas that are privately owned and subject to an agricultural conservation easement (held by the Delaware Department of Agriculture), located in the vicinity of Kitts Hummock

Proposed Reclassifications:

- From Otherwise Protected Area (OPA) Unit DE-01P to System Unit DE-01: Wetlands that are privately owned and not held for conservation and/or recreation, located west of Pickering Beach
- From System Unit DE-01 to OPA Unit DE-01P: Portions of Little Creek Wildlife Area (owned by the Delaware Department of Natural Resources and Environmental Control) and minor portions of adjacent privately owned areas not held for conservation and/or recreation

Unit DE-01 Summary of Proposed Changes (continued)

Other Modifications/Information:

- Undeveloped areas that are privately owned but subject to agricultural conservation easements (held by the Delaware Department of Agriculture) are currently located within System Unit DE-01. These areas are not proposed for reclassification to an OPA because the easements were placed on the properties after the areas were first included in 1990 within the CBRS.
- The eastern boundary of the excluded area at Pickering Beach is modified to account for erosion along the shoreline

For information about the Service's guiding principles and criteria for assessing modifications to the CBRS, visit www.fws.gov/cbra.

Unit DE-01 Summary of Proposed Changes (continued)

Acreage, Shoreline, and Structure Information:

The table below includes the acreage, shoreline, and structure changes associated with the proposed boundary of Unit DE-01.

	<i>Total Acres</i>	<i>Fastland Acres*</i>	<i>Associated Aquatic Habitat Acres**</i>	<i>Shoreline Miles</i>	<i>Structures***</i>
Existing Unit	892	41	851	1.9	
Added to the CBRS	20	6	14		0
Removed from the CBRS	0	0	0		1
Reclassified Area****	6	0	6		0
Proposed Unit	918	47	871	1.9	
Net Change	26	6	20	0.0	(1)

*Land above mean high tide.

**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 from an interpretation of aerial imagery in consultation with National Wetlands Inventory data and other data sources as necessary.

***Approximate structure count is derived from aerial imagery. Structures without walls and a roof (e.g., picnic shelters) and structures of fewer than 200 square feet are not included in this structure count because they do not meet the definition of a "structure" in 16 U.S.C. 3503(g)(2).

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John H. Chafee Coastal Barrier Resources System (CBRS) Unit DE-02P, Beach Plum Island, Delaware Summary of Proposed Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Sussex

Congressional District: At Large

Existing Map:

The existing CBRS map depicting this unit is:

- [10-004A](#) dated December 6, 2013

Proposed Boundary Notice of Availability:

The U.S. Fish & Wildlife Service (Service) opened a public comment period on the proposed changes to Unit DE-02P via *Federal Register* notice. The *Federal Register* notice and the proposed boundary (accessible through the CBRS Projects Mapper) are available on the Service's website at www.fws.gov/cbra.

Establishment of Unit:

The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit DE-02P.

Historical Changes:

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

- *Federal Register* notice (79 FR 21787) published on April 17, 2014, 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-to-CBRA.html>.

Proposed Changes:

The proposed changes to Unit DE-02P are described below.

Proposed Removals:

- Two residential structures located at the southern end of South Bayshore Drive

Proposed Additions:

- Portions of Great Marsh Preserve (owned by the Delaware Department of Natural Resources and Environmental Control)
- Wetlands that are privately owned and subject to a conservation easement (held by The Nature Conservancy), located in the vicinity of the Great Marsh to the north of Fisher Creek
- Wetlands that are privately owned and subject to a conservation easement (held by the City of Lewes), located in the vicinity of the Great Marsh along Canary Creek
- Roosevelt Inlet and wetlands located to the southwest of the Inlet. The wetlands are owned by the University of Delaware. These areas are not held for conservation and/or recreation.
- Areas of associated aquatic habitat that are privately owned and not held for conservation and/or recreation, located along Canary Creek, Black Hog Gut, Old Mill Creek, and Fisher Creek

Unit DE-02P Summary of Proposed Changes (continued)

Other Modifications/Information:

- Areas of associated aquatic habitat not held for conservation and/or recreation, located in the vicinity of Great Marsh, are currently within OPA Unit DE-02P. These areas are not proposed for reclassification to a System Unit.

For information about the Service's guiding principles and criteria for assessing modifications to the CBRS, visit www.fws.gov/cbra.

Unit DE-02P Summary of Proposed Changes (continued)

Acreage, Shoreline, and Structure Information:

The table below includes the acreage, shoreline, and structure changes associated with the proposed boundary of Unit DE-02P.

	<i>Total Acres</i>	<i>Fastland Acres*</i>	<i>Associated Aquatic Habitat Acres**</i>	<i>Shoreline Miles</i>	<i>Structures***</i>
Existing Unit	2,743	57	2,686	2.0	
Added to the CBRS	427	16	411		0
Removed from the CBRS	1	1	0		2
Reclassified Area****	0	0	0		0
Proposed Unit	3,169	72	3,097	2.1	
Net Change	426	15	411	0.1	(2)

*Land above mean high tide.

**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 from an interpretation of aerial imagery in consultation with National Wetlands Inventory data and other data sources as necessary.

***Approximate structure count is derived from aerial imagery. Structures without walls and a roof (e.g., picnic shelters) and structures of fewer than 200 square feet are not included in this structure count because they do not meet the definition of a "structure" in 16 U.S.C. 3503(g)(2).

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

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John H. Chafee Coastal Barrier Resources System (CBRS) Unit DE-03P, Cape Henlopen, Delaware Summary of Proposed Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Sussex

Congressional District: At Large

Existing Map:

The existing CBRS map depicting this unit is:

- [10-005A](#) dated December 6, 2013

Proposed Boundary Notice of Availability:

The U.S. Fish & Wildlife Service (Service) opened a public comment period on the proposed changes to Unit DE-03P via *Federal Register* notice. The *Federal Register* notice and the proposed boundary (accessible through the CBRS Projects Mapper) are available on the Service's website at www.fws.gov/cbra.

Establishment of Unit:

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

Historical Changes:

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

- Pub. L. 106-128 enacted on December 6, 1999 (65 FR 17671)
- *Federal Register* notice (79 FR 21787) published on April 17, 2014, 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-to-CBRA.html>.

Proposed Changes:

The proposed changes to Unit DE-03P are described below.

Proposed Removals:

- A minor portion of undeveloped privately owned fastland located along Cape Henlopen Drive

Proposed Additions:

- Portions of Cape Henlopen State Park (owned by the Delaware Department of Natural Resources and Environmental Control) located along Cape Henlopen Drive and the Lewes and Rehoboth Canal
- Areas of privately owned wetlands that are subject to Sussex County's Open Space Ordinance, located in the vicinity of Wolfe Glade and Gills Neck
- Areas of associated aquatic habitat that are privately owned and not held for conservation and/or recreation, located along the Lewes and Rehoboth Canal, Wolfe Glade, and Holland Glade

Other Modifications/Information:

- Areas of undeveloped fastland and associated aquatic habitat not held for conservation and/or recreation, located along Cape Henlopen Drive and the Lewes and Rehoboth Canal, are currently within OPA Unit DE-03P. These areas are not proposed for reclassification to a System Unit.

Unit DE-03P Summary of Proposed Changes (continued)

For information about the Service's guiding principles and criteria for assessing modifications to the CBRS, visit www.fws.gov/cbra.

Unit DE-03P Summary of Proposed Changes (continued)

Acreage, Shoreline, and Structure Information:

The table below includes the acreage, shoreline, and structure changes associated with the proposed boundary of Unit DE-03P.

	<i>Total Acres</i>	<i>Fastland Acres*</i>	<i>Associated Aquatic Habitat Acres**</i>	<i>Shoreline Miles</i>	<i>Structures***</i>
Existing Unit	3,251	1,438	1,813	6.7	
Added to the CBRS	810	72	738		0
Removed from the CBRS	1	1	0		0
Reclassified Area****	0	0	0		0
Proposed Unit	4,060	1,509	2,551	6.7	
Net Change	809	71	738	0.0	0

*Land above mean high tide.

**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 from an interpretation of aerial imagery in consultation with National Wetlands Inventory data and other data sources as necessary.

***Approximate structure count is derived from aerial imagery. Structures without walls and a roof (e.g., picnic shelters) and structures of fewer than 200 square feet are not included in this structure count because they do not meet the definition of a "structure" in 16 U.S.C. 3503(g)(2).

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John H. Chafee Coastal Barrier Resources System (CBRS) Unit DE-06, Silver Lake, Delaware Summary of Proposed Changes

Type of Unit: System Unit

County: Sussex

Congressional District: At Large

Existing Map:

The existing CBRS map depicting this unit is:

- [10-005A](#) dated December 6, 2013

Proposed Boundary Notice of Availability:

The U.S. Fish & Wildlife Service (Service) opened a public comment period on the proposed changes to Unit DE-06 via *Federal Register* notice. The *Federal Register* notice and the proposed boundary (accessible through the CBRS Projects Mapper) are available on the Service's website at www.fws.gov/cbra.

Establishment of Unit:

The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit DE-06.

Historical Changes:

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

- *Federal Register* notice (58 FR 60288) published on November 15, 1993, in accordance with Section 4 of Pub. L. 101-591
- *Federal Register* notice (79 FR 21787) published on April 17, 2014, 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-to-CBRA.html>.

Proposed Changes:

There are no proposed changes to the unit.

For information about the Service's guiding principles and criteria for assessing modifications to the CBRS, visit www.fws.gov/cbra.

Unit DE-06 Summary of Proposed Changes (continued)

Acreage, Shoreline, and Structure Information:

The table below includes the acreage, shoreline, and structure changes associated with the proposed boundary of Unit DE-06.

	<i>Total Acres</i>	<i>Fastland Acres*</i>	<i>Associated Aquatic Habitat Acres**</i>	<i>Shoreline Miles</i>	<i>Structures***</i>
Existing Unit	55	11	44	0.2	
Added to the CBRS	0	0	0		0
Removed from the CBRS	0	0	0		0
Reclassified Area****	0	0	0		0
Proposed Unit	55	11	44	0.2	
Net Change	0	0	0	0.0	0

*Land above mean high tide.

**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 from an interpretation of aerial imagery in consultation with National Wetlands Inventory data and other data sources as necessary.

***Approximate structure count is derived from aerial imagery. Structures without walls and a roof (e.g., picnic shelters) and structures of fewer than 200 square feet are not included in this structure count because they do not meet the definition of a "structure" in 16 U.S.C. 3503(g)(2).

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

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John H. Chafee Coastal Barrier Resources System (CBRS) Unit DE-08P, Fenwick Island, Delaware Summary of Proposed Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Sussex

Congressional District: At Large

Existing Map:

The existing CBRS map depicting this unit is:

- [10-007A](#) dated December 6, 2013

Proposed Boundary Notice of Availability:

The U.S. Fish & Wildlife Service (Service) opened a public comment period on the proposed changes to Unit DE-08P via *Federal Register* notice. The *Federal Register* notice and the proposed boundary (accessible through the CBRS Projects Mapper) are available on the Service's website at www.fws.gov/cbra.

Establishment of Unit:

The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit DE-08P.

Historical Changes:

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

- *Federal Register* notice (79 FR 21787) published on April 17, 2014, 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-to-CBRA.html>.

Proposed Changes:

The proposed changes to Unit DE-08P are described below.

Proposed Removals:

- Fifteen residential structures in the Seatowne subdivision and two residential structures along Coastal Highway just north of Seatowne
- Ten condominium buildings and two associated structures located in the King's Grant development
- Six structures in The Curves subdivision

Proposed Additions:

- Portions of Assawoman Wildlife Area and Assawoman Canal (both owned by the Delaware Department of Natural Resources and Environmental Control (DNREC))
- Most of the Taylor/Cat Hill Wildlife Area (owned by the Town of South Bethany)
- Privately owned wetlands that are subject to Sussex County's Open Space Ordinance, located along Dickerson Creek, Tubbs Cove, the eastern side of Little Assawoman Bay on Fenwick Island, and in the vicinity of Swann Keys
- Undeveloped fastland that is privately owned and not held for conservation and/or recreation, located along Point of Ridge in Little Assawoman Bay
- Associated aquatic habitat that is privately owned and not held for conservation and/or recreation, located along Jefferson Creek, Little Bay, Dickerson Creek, Little Assawoman Bay, Tubbs Cove, and Lighthouse Cove

Unit DE-08P Summary of Proposed Changes (continued)

Other Modifications/Information:

- Areas of fastland and associated aquatic habitat not held for conservation and/or recreation, located in the vicinity of Branch Gut Cove and on Fenwick Island along the eastern side of Little Assawoman Bay, are currently within OPA Unit DE-08P. These areas are not proposed for reclassification to a System Unit.
- Modification of the boundary of the unit in some areas to better align with the boundaries of the Assawoman Wildlife Area and Fenwick Island State Park (owned by the DNREC), which results in minor additions and removals

For information about the Service's guiding principles and criteria for assessing modifications to the CBRS, visit www.fws.gov/cbra.

Unit DE-08P Summary of Proposed Changes (continued)

Acreage, Shoreline, and Structure Information:

The table below includes the acreage, shoreline, and structure changes associated with the proposed boundary of Unit DE-08P.

	<i>Total Acres</i>	<i>Fastland Acres*</i>	<i>Associated Aquatic Habitat Acres**</i>	<i>Shoreline Miles</i>	<i>Structures***</i>
Existing Unit	3,519	554	2,965	2.8	
Added to the CBRS	1,333	65	1,268		0
Removed from the CBRS	25	20	5		35
Reclassified Area****	0	0	0		0
Proposed Unit	4,827	599	4,228	2.8	
Net Change	1,308	45	1,263	0.0	(35)

*Land above mean high tide.

**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 from an interpretation of aerial imagery in consultation with National Wetlands Inventory data and other data sources as necessary.

***Approximate structure count is derived from aerial imagery. Structures without walls and a roof (e.g., picnic shelters) and structures of fewer than 200 square feet are not included in this structure count because they do not meet the definition of a "structure" in 16 U.S.C. 3503(g)(2).

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

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John H. Chafee Coastal Barrier Resources System (CBRS) Unit DE-09P, Woodland Beach, Delaware Summary of Proposed Changes

Type of Unit: Proposed new Otherwise Protected Area (OPA)
County: Kent, New Castle
Congressional District: At Large

Proposed Boundary Notice of Availability:

The U.S. Fish & Wildlife Service (Service) opened a public comment period on proposed new Unit DE-09P via *Federal Register* notice. The *Federal Register* notice and the proposed boundary (accessible through the CBRS Projects Mapper) are available on the Service's website at www.fws.gov/cbra.

Proposed New Unit:

New Unit CBRS Status:

The area proposed for inclusion within new OPA Unit DE-09P is:

- Not currently within the CBRS

New Unit Area:

Included within new OPA Unit DE-09P are the following area(s):

- A large portion of the Woodland Beach Wildlife Area (owned by the Delaware Department of Natural Resources and Environmental Control)
- Associated aquatic habitat and fastland that are privately owned and subject to an agricultural conservation easement (held by the Delaware Department of Agriculture), located southeast of Woodland Beach in the vicinity of Fraland Beach
- A minor portion of Bombay Hook National Wildlife Refuge (owned by the Service), located along Little Neck
- One residential structure and four commercial structures along Delaware Avenue east of Woodland Beach Road
- Undeveloped fastland and associated aquatic habitat that are privately owned and not held for conservation and/or recreation, located in the vicinity of Woodland Beach (both to the north and south of Woodland Beach Road) and in the vicinity of Quarter Gut (southeast of Little Neck)
- A minor area of associated aquatic habitat not held for conservation and/or recreation, located northwest of the intersection of Hay Point Landing Road and Lighthouse Road

For information about the Service's guiding principles and criteria for assessing modifications to the CBRS, visit www.fws.gov/cbra.

Unit DE-09P Summary of Proposed Changes (continued)

Acreage, Shoreline, and Structure Information:

The table below includes the acreage, shoreline, and structure changes associated with the proposed boundary of Unit DE-09P.

	<i>Total Acres</i>	<i>Fastland Acres*</i>	<i>Associated Aquatic Habitat Acres**</i>	<i>Shoreline Miles</i>	<i>Structures***</i>
Existing Unit	0	0	0	0.0	
Added to the CBRS	7,261	285	6,976		5
Removed from the CBRS	0	0	0		0
Reclassified Area****	0	0	0		0
Proposed Unit	7,261	285	6,976	5.4	
Net Change	7,261	285	6,976	5.4	5

*Land above mean high tide.

**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 from an interpretation of aerial imagery in consultation with National Wetlands Inventory data and other data sources as necessary.

***Approximate structure count is derived from aerial imagery. Structures without walls and a roof (e.g., picnic shelters) and structures of fewer than 200 square feet are not included in this structure count because they do not meet the definition of a "structure" in 16 U.S.C. 3503(g)(2).

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John H. Chafee Coastal Barrier Resources System (CBRS)

Unit DE-10, Fraland Beach, Delaware

Summary of Proposed Changes

Type of Unit: Proposed new System Unit

County: Kent

Congressional District: At Large

Proposed Boundary Notice of Availability:

The U.S. Fish & Wildlife Service (Service) opened a public comment period on proposed new Unit DE-10 via *Federal Register* notice. The *Federal Register* notice and the proposed boundary (accessible through the CBRS Projects Mapper) are available on the Service's website at www.fws.gov/cbra.

Proposed New Unit:

New Unit CBRS Status:

The area proposed for inclusion within new System Unit DE-10 is:

- Not currently within the CBRS

New Unit Area:

Included within new System Unit DE-10 are the following area(s):

- Undeveloped fastland and associated aquatic habitat located between Line Ditch and Sluice Ditch, including Bombay Hook Point and a portion of Fraland Beach

For information about the Service's guiding principles and criteria for assessing modifications to the CBRS, visit www.fws.gov/cbra.

Unit DE-10 Summary of Proposed Changes (continued)

Acreage, Shoreline, and Structure Information:

The table below includes the acreage, shoreline, and structure changes associated with the proposed boundary of Unit DE-10.

	<i>Total Acres</i>	<i>Fastland Acres*</i>	<i>Associated Aquatic Habitat Acres**</i>	<i>Shoreline Miles</i>	<i>Structures***</i>
Existing Unit	0	0	0	0.0	
Added to the CBRS	893	274	619		0
Removed from the CBRS	0	0	0		0
Reclassified Area****	0	0	0		0
Proposed Unit	893	274	619	1.7	
Net Change	893	274	619	1.7	0

*Land above mean high tide.

**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 from an interpretation of aerial imagery in consultation with National Wetlands Inventory data and other data sources as necessary.

***Approximate structure count is derived from aerial imagery. Structures without walls and a roof (e.g., picnic shelters) and structures of fewer than 200 square feet are not included in this structure count because they do not meet the definition of a "structure" in 16 U.S.C. 3503(g)(2).

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

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March 2018



U.S. Fish & Wildlife Service

John H. Chafee Coastal Barrier Resources System (CBRS)

Unit DE-11P, Bombay Hook, Delaware

Summary of Proposed Changes

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

County: Kent

Congressional District: At Large

Proposed Boundary Notice of Availability:

The U.S. Fish & Wildlife Service (Service) opened a public comment period on proposed new Unit DE-11P via *Federal Register* notice. The *Federal Register* notice and the proposed boundary (accessible through the CBRS Projects Mapper) are available on the Service's website at www.fws.gov/cbra.

Proposed New Unit:

New Unit CBRS Status:

The area proposed for inclusion within new OPA Unit DE-11P is:

- Not currently within the CBRS

New Unit Area:

Included within new OPA Unit DE-11P are the following area(s):

- The majority of Bombay Hook National Wildlife Refuge (owned by the Service)
- Portions of Little Creek Wildlife Area (owned by the Delaware Department of Natural Resources and Environmental Control)
- Areas of associated aquatic habitat that are privately owned and not held for conservation and/or recreation, located along the landward boundary of the unit between Whitehall Neck Road and Marstown Road

For information about the Service's guiding principles and criteria for assessing modifications to the CBRS, visit www.fws.gov/cbra.

Unit DE-11P Summary of Proposed Changes (continued)

Acreage, Shoreline, and Structure Information:

The table below includes the acreage, shoreline, and structure changes associated with the proposed boundary of Unit DE-11P.

	<i>Total Acres</i>	<i>Fastland Acres*</i>	<i>Associated Aquatic Habitat Acres**</i>	<i>Shoreline Miles</i>	<i>Structures****</i>
Existing Unit	0	0	0	0.0	
Added to the CBRS	15,346	96	15,250		0
Removed from the CBRS	0	0	0		0
Reclassified Area****	0	0	0		0
Proposed Unit	15,346	96	15,250	8.5	
Net Change	15,346	96	15,250	8.5	0

*Land above mean high tide.

**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 from an interpretation of aerial imagery in consultation with National Wetlands Inventory data and other data sources as necessary.

***Approximate structure count is derived from aerial imagery. Structures without walls and a roof (e.g., picnic shelters) and structures of fewer than 200 square feet are not included in this structure count because they do not meet the definition of a "structure" in 16 U.S.C. 3503(g)(2).

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U.S. Fish & Wildlife Service

John H. Chafee Coastal Barrier Resources System (CBRS) Unit H00P, Broadkill Beach, Delaware Summary of Proposed Changes

Type of Unit: Otherwise Protected Area (OPA)

County: Kent, Sussex

Congressional District: At Large

Existing Maps:

The existing CBRS maps depicting this unit are:

- [10-002A](#) dated December 6, 2013
- [10-003A](#) dated December 6, 2013
- [10-004A](#) dated December 6, 2013

Proposed Boundary Notice of Availability:

The U.S. Fish & Wildlife Service (Service) opened a public comment period on the proposed changes to Unit H00P via *Federal Register* notice. The *Federal Register* notice and the proposed boundary (accessible through the CBRS Projects Mapper) are available on the Service's website at www.fws.gov/cbra.

Establishment of Unit:

The Coastal Barrier Improvement Act (Pub. L. 101-591), enacted on November 16, 1990 (56 FR 26304), originally established Unit H00P.

Historical Changes:

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

- *Federal Register* notice (79 FR 21787) published on April 17, 2014, 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-to-CBRA.html>.

Proposed Changes:

The proposed changes to Unit H00P are described below.

Proposed Removals:

- One residential structure and adjacent fastland along Broadkill Road

Proposed Additions:

- Portions of Milford Neck Wildlife Area, Lacy E. Nichols Jr. Cedar Creek Boating Access Area, Waples Pond, and Mispillion Marine Reserve, including the DuPont Nature Center (owned by the Delaware Department of Natural Resources and Environmental Control (DNREC))
- Portions of Prime Hook National Wildlife Refuge (NWR) (owned by the Service)
- Portions of Milford Neck Preserve (owned by Delaware Wild Lands for conservation and/or recreation)
- One structure and a minor area of fastland and wetlands (owned by the Delaware Department of State) located east of Bowers Road
- Areas of associated aquatic habitat that are privately owned and subject to an agricultural conservation easement (held by the Delaware Department of Agriculture), located along the Murderkill River and in the vicinity of Broadkill Neck and White Neck

Unit H00P Summary of Proposed Changes (continued)

- Areas of associated aquatic habitat that are privately owned and not held for conservation and/or recreation. These areas are located in the vicinity of South Bowers along Murderkill River, along Brockonbridge Gut, and in the vicinity of Broadkill Neck, Davidson Marsh, and Doty Glade

Proposed Reclassifications:

- From OPA Unit H00P to System Unit H00: Areas of fastland and associated aquatic habitat that are not held for conservation and/or recreation, including two residential structures located on the southern side of Slaughter Beach
- From System Unit H00 to OPA Unit H00P: Portions of Lacy E. Nichols Jr. Cedar Creek Boating Access Area (owned by the DNREC)
- From System Unit H00 to OPA Unit H00P: Portions of Prime Hook NWR (owned by the Service)

Other Modifications/Information:

- Modification of the coincident boundary between OPA Unit H00P and System Unit H00, located in the wetlands south of Rawley Island, to better follow the boundary of a parcel of Milford Neck Wildlife Area (owned by the Delaware Department of Natural Resources and Environmental Control (DNREC)) that was not held for conservation and/or recreation at the time the area was first included within the CBRS in 1990. This modification results in some small reclassifications from OPA to System Unit and vice-versa.
- Modification of portions of the landward boundary of the unit to better align with the boundary of Prime Hook NWR, which results in some small additions and removals

For information about the Service's guiding principles and criteria for assessing modifications to the CBRS, visit www.fws.gov/cbra.

Unit H00P Summary of Proposed Changes (continued)

Acreage, Shoreline, and Structure Information:

The table below includes the acreage, shoreline, and structure changes associated with the proposed boundary of Unit H00P.

	<i>Total Acres</i>	<i>Fastland Acres*</i>	<i>Associated Aquatic Habitat Acres**</i>	<i>Shoreline Miles</i>	<i>Structures***</i>
Existing Unit	10,663	1,909	8,754	3.0	
Added to the CBRS	2,633	97	2,536		2
Removed from the CBRS	69	47	22		1
Reclassified Area****	9	0	9		(2)
Proposed Unit	13,236	1,959	11,277	3.1	
Net Change	2,573	50	2,523	0.1	(1)

*Land above mean high tide.

**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 from an interpretation of aerial imagery in consultation with National Wetlands Inventory data and other data sources as necessary.

***Approximate structure count is derived from aerial imagery. Structures without walls and a roof (e.g., picnic shelters) and structures of fewer than 200 square feet are not included in this structure count because they do not meet the definition of a "structure" in 16 U.S.C. 3503(g)(2).

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

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U.S. Fish & Wildlife Service

John H. Chafee Coastal Barrier Resources System (CBRS) Unit H00, Broadkill Beach, Delaware Summary of Proposed Changes

Type of Unit: System Unit

County: Kent, Sussex

Congressional District: At Large

Existing Maps:

The existing CBRS maps depicting this unit are:

- [10-002A](#) dated December 6, 2013
- [10-003A](#) dated December 6, 2013
- [10-004A](#) dated December 6, 2013

Proposed Boundary Notice of Availability:

The U.S. Fish & Wildlife Service (Service) opened a public comment period on the proposed changes to Unit H00 via *Federal Register* notice. The *Federal Register* notice and the proposed boundary (accessible through the CBRS Projects Mapper) are available on the Service's website at www.fws.gov/cbra.

Establishment of Unit:

The Coastal Barrier Resources Act (Pub. L. 97-348), enacted on October 18, 1982 (47 FR 52388), originally established Unit H00.

Historical Changes:

The CBRS maps for this unit have 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 (79 FR 21787) published on April 17, 2014, 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-to-CBRA.html>.

Proposed Changes:

The proposed changes to Unit H00 are described below.

Proposed Additions:

- Undeveloped fastland and associated aquatic habitat in the vicinity of South Bowers Beach, located along the Murderkill River and along the landward boundary of the unit near Brockonbridge Gut
- Undeveloped fastland and associated aquatic habitat in the vicinity of Big Stone Beach, including minor portions of Milford Neck Preserve (owned by The Nature Conservancy (TNC))
- Associated aquatic habitat along the Mispillion River
- Fastland and associated aquatic habitat located along Cedar Creek and at Cedar Beach, including one residential structure along Blue Heron Drive, and one residential structure and one garage along Lighthouse Road
- Minor areas of associated aquatic habitat that are privately owned and subject to an agricultural conservation easement (held by the Delaware Department of Agriculture), located along the Mispillion River
- Minor portions of Milford Neck Preserve (owned by Delaware Wild Lands for conservation and/or recreation)

Unit H00 Summary of Proposed Changes (continued)

Proposed Reclassifications:

- From Otherwise Protected Area (OPA) Unit H00P to System Unit H00: Areas of fastland and associated aquatic habitat that are not held for conservation and/or recreation, including two residential structures located on the southern side of Slaughter Beach
- From System Unit H00 to OPA Unit H00P: Portions of Lacy E. Nichols Jr. Cedar Creek Boating Access Area (owned by the Delaware Department of Natural Resources and Environmental Control (DNREC))
- From System Unit H00 to OPA Unit H00P: Portions of Prime Hook National Wildlife Refuge (owned by the Service)

Other Modifications/Information:

- Modification of the coincident boundary between OPA Unit H00P and System Unit H00 located in the wetlands south of Rawley Island to better follow the boundary of a parcel of Milford Neck Wildlife Area (owned by the DNREC) that was not held for conservation and/or recreation at the time the area was first included within the CBRS in 1990. This modification results in some small reclassifications from OPA to System Unit and vice-versa.
- A boundary segment is added along the shoreline of Prime Hook Beach to close off the excluded area and add nearshore waters to H00
- Portions of Milford Neck Preserve (owned by Delaware Wild Lands) are currently located within System Unit H00. Several of these areas were held for conservation and/or recreation before the area was included within System Unit H00, but are not proposed for reclassification to an OPA. During the stakeholder outreach phase of the project, the Service did not receive a response from Delaware Wild Lands regarding the unit type classification of the areas it owns. Therefore, these areas are not proposed for reclassification to an OPA.
- Portions of Mispillion Marine Reserve and Milford Neck Wildlife Area (owned by the DNREC) and Milford Neck Preserve (owned by TNC), are currently located within System Unit H00. These areas are not proposed for reclassification to an OPA because they were acquired for conservation and/or recreation after they were first included within the CBRS.
- Areas that are privately owned but subject to agricultural conservation easements (held by the Delaware Department of Agriculture) are currently located within System Unit H00 along Mispillion River. These areas are not proposed for reclassification to an OPA because the easements were placed on the properties after they were first included in 1990 within the CBRS.

For information about the Service's guiding principles and criteria for assessing modifications to the CBRS, visit www.fws.gov/cbra.

Unit H00 Summary of Proposed Changes (continued)

Acreage, Shoreline, and Structure Information:

The table below includes the acreage, shoreline, and structure changes associated with the proposed boundary of Unit H00.

	<i>Total Acres</i>	<i>Fastland Acres*</i>	<i>Associated Aquatic Habitat Acres**</i>	<i>Shoreline Miles</i>	<i>Structures***</i>
Existing Unit	5,551	314	5,237	11.6	
Added to the CBRS	888	29	859		3
Removed from the CBRS	0	0	0		0
Reclassified Area****	(9)	0	(9)		2
Proposed Unit	6,430	343	6,087	12.3	
Net Change	879	29	850	0.7	5

*Land above mean high tide.

**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 from an interpretation of aerial imagery in consultation with National Wetlands Inventory data and other data sources as necessary.

***Approximate structure count is derived from aerial imagery. Structures without walls and a roof (e.g., picnic shelters) and structures of fewer than 200 square feet are not included in this structure count because they do not meet the definition of a "structure" in 16 U.S.C. 3503(g)(2).

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

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