

John H. Chafee Coastal Barrier Resources System

Unit AL-05P, Alligator Lake, Alabama

Type of Unit: Otherwise protected area (OPA)

Location of Unit: On the eastern end of Dauphin Island, south of Mobile in Mobile County

Congressional District: 1

Draft Map Date: September 22, 2009

Base Map Imagery Source and Date: U.S. Geological Survey, 2008

Establishment of Unit: Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on 11/16/1990

Historical Changes to Unit: There have been no changes to the boundaries of this unit since it was first established in 1990.

Underlying Conservation/Recreation Area(s) in OPA: Audubon Bird Sanctuary, Magnolia Park, and the Dauphin Island Campground, all owned by the Dauphin Island Park and Beach Board. Dauphin Island Recreation Base, owned by the U.S. Coast Guard.

Existing Boundary Description: The eastern boundary of Unit AL-05P begins on the east side of Dauphin Island in open water south of Pelican Point and extends east along the south side of Dauphin Island, remaining south of structures associated with the U.S. Coast Guard recreation base. The area south of this boundary once included a section of beach that has now eroded to the north. After passing the Coast Guard structures, the boundary turns north and extends to the neatline of the base map. The northern boundary follows the neatline of the base map, and the western boundary follows the east side of Audubon Street.

Proposed Changes to Boundary: The proposed eastern boundary of

Unit AL-05P is adjusted to extend southward into open water instead of running from east to west along the south side of Dauphin Island because the beach has eroded and is no longer in the OPA. The eastern boundary is then adjusted to follow the eastern parcel boundary of land owned by the U.S. Coast Guard. The boundary extends north to follow the western edge of Agassiz Circle West and was drawn along this road specifically not to include the Dauphin Island Sea Lab within the unit. The proposed northern boundary crosses Bienville Boulevard to include Magnolia Park and follows the northern parcel boundary of the Dauphin Island Campground and Audubon Bird Sanctuary. The western proposed boundary follows the western parcel boundary of the Audubon Bird Sanctuary.

Additional Comments: There are a total of twelve residential structures located along Audubon Street and Audubon Place that are proposed for removal from Unit AL-05P. The U.S. Fish and Wildlife Service's (Service's) assessment indicates that the private properties are not held for conservation or recreation and are not inholdings of the underlying conservation/recreation areas, and are therefore appropriate for removal from the OPA.

A 13-acre parcel of land owned by the U.S. Coast Guard is proposed for inclusion within Unit AL-05P. The parcel was used as a recreational facility until it was substantially damaged by Hurricane Katrina in 2005. All but one of the structures on this parcel have been demolished since the date of the base map imagery (2008). The U.S. Coast Guard Sector Mobile has indicated a reluctance to include this parcel within the OPA. The Service's assessment indicates that the parcel meets the criteria for an OPA and is therefore appropriate for

inclusion within the Coastal Barrier Resources System (CBRS).

In accordance with the Service's standard mapping protocols for delineating underlying conservation and recreation areas within the CBRS, the Service obtained a signed map and Statement of Agreement from the Dauphin Island Park and Beach Board certifying that the boundaries of its respective lands were accurately depicted on a base map. The stakeholder concurrence map was then used to compile portions of the proposed boundaries on the draft map for Unit AL-05P. This boundary review process does not necessarily indicate that the stakeholders concur with the Service's recommendations for boundary changes. The U.S. Coast Guard declined to provide stakeholder concurrence.

Acreeage, Shoreline, and Structures:

	<i>Total Acres</i>	<i>Upland Acres</i>	<i>Associated Aquatic Habitat Acres</i>	<i>Shoreline (miles)</i>	<i>Structures*</i>
Existing Unit	128	104	24	0.8	
Added to the CBRS	49	48	1		7**
Removed from the CBRS	9	7	2		12
Reclassified Area	0	0	0	0.0	
Proposed Unit	168	145	23	1.0	
Net Change	40	41	(1)	0.2	(5)

* Structure count derived from Google Earth 2010 aerial imagery

**Six of the structures added are park structures owned by the Dauphin Island Park and Beach Board. One of the structures is owned by the U.S. Coast Guard.

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Unit Q01AP, Pelican Island, Alabama

Type of Unit: Proposed new otherwise protected area (OPA)

Location of Unit: On the southeastern end of Dauphin Island, south of Mobile in Mobile County

Congressional District: 1

Draft Map Date: September 22, 2009

Imagery Source and Date: U.S. Geological Survey, 2008

Current CBRS Status: The proposed new OPA Unit Q01AP is not currently within the Coastal Barrier Resources System (CBRS).

Otherwise Protected Area Criteria: Proposed new Unit Q01AP meets the Coastal Barrier Improvement Act (Pub. L. 101-591) definition of an OPA. The land proposed for inclusion within

this new unit has been maintained for recreation as a public beach by the Dauphin Island Park and Beach Board since 1953.

Proposed Boundary: The boundary of the proposed new unit follows the boundaries of the parcels containing the Dauphin Island Fishing Pier and the public beach owned by the Dauphin Island Park and Beach Board. The only structures on this land are park facilities.

Additional Comments: In accordance with the Service's standard mapping protocols for delineating underlying conservation and recreation areas within the CBRS, the Service obtained a signed map and Statement of Agreement from the Dauphin Island Park and Beach Board certifying that the boundaries of its respective lands were accurately depicted on a base

map. The stakeholder concurrence map was then used to compile portions of the proposed boundaries on the draft map for Unit Q01AP. This boundary review process does not necessarily indicate that the stakeholder concurs with the Service's recommendations for boundary changes.

Pelican Island and its shoal system have been moving east and north for several years, and now Pelican Island is connected to Dauphin Island at the Dauphin Island Fishing Pier.

Acreage, Shoreline, and Structures:

	<i>Total Acres</i>	<i>Upland 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	55	40	15		2***
Removed from the CBRS	0	0	0		0
Reclassified Area	0	0	0	0.0	
Proposed Unit	55	40	15	0.0	
Net Change	55	40	15	0.0	2

* The southern boundary of Unit Q01AP, which runs along the shoreline, is coincident with the northern boundary of Unit Q01A. To avoid double counting, this piece of shoreline has been counted as part of the shoreline of Unit Q01A, and has not been counted as part of Unit Q01AP.

** Structure count derived from Google Earth 2010 aerial imagery. There are several park facilities that are within the proposed boundaries of Unit Q01AP that do not meet the definition of a structure in 44 CFR Chapter 1, Section 59.2.

*** The structures within the proposed boundaries of Unit Q01AP are park structures owned by the Dauphin Island Park and Beach Board.

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Unit Q01A, Pelican Island, Alabama

Type of Unit: System unit

Location of Unit: Pelican Island and portions of southeastern Dauphin Island, south of Mobile in Mobile County

Congressional District: 1

Draft Map Date: September 22, 2009

Imagery Source and Date: U.S. Geological Survey, 2008

Establishment of Unit: Coastal Barrier Resources Act (Pub. L. 97-348) enacted on 10/18/1982

Historical Changes to Unit:

11/16/1990: Pub. L. 101-591 modified the southeastern boundary of Unit Q01A approximately 1,250 feet to the west to exclude the Mobile Bay Ship Channel.

7/12/96: Unit Q01A was modified in accordance with Section 4(c)(3) of Pub. L. 97-348, as amended, which states that System unit boundaries are to be reviewed every five years and modified as necessary to reflect changes that have occurred in the size or location of any System unit as a result of natural forces. The Unit Q01A boundary was adjusted to include: all of Pelican Island, which was migrating across Pelican Passage towards Dauphin Island; the secondary barrier developing on Dauphin Island behind Pelican Island; and all associated aquatic habitat.

Existing Boundary Description: The existing boundary of Unit Q01A is mostly in open water in Pelican Bay. The southeastern boundary is located just west of the Mobile Bay Ship Channel. The eastern boundary extends through Pelican Bay about one mile northeast of Sand Island, which has eroded away, and the former

location of Pelican Island and its shoal system, which have been migrating north and east, and are now connected to Dauphin Island at the Dauphin Island Fishing Pier. The landward boundary was intended to follow a vegetative break.

Proposed Changes to Boundary: No significant changes are being proposed to the southeastern portion of the open water boundary of Unit Q01A. The proposed northwestern open water boundary that crosses Pelican Passage is shifted east to meet the boundary of Unit AL-05P at the shoreline to include additional associated aquatic habitat and an undeveloped portion of the beach. The landward boundary of the unit then runs west approximately 30-50 feet south of the Coastal Construction Line in order to exclude all development in the DeSoto Landing Subdivision from the unit. At the western edge of DeSoto Landing Subdivision, the boundary is adjusted to follow the eastern parcel boundary of the Isle Dauphine Golf Club. The boundary then runs west along the 10 foot contour, which is the geomorphic break between the low-lying portion of the golf course and a ridge to the north that is inappropriate for inclusion. The boundary follows a break in vegetation to the west of the golf club until it reaches the northern boundary of an undeveloped parcel owned by the Dauphin Island Property Owners Association. The boundary turns south to follow the western boundary of the same parcel and then runs west across the seaward boundary of lands owned by the Dauphin Island Park and Beach Board and includes most of the Dauphin Island Fishing Pier in the unit.

Additional Comments: There are ten residential structures located along Hernando Place in the DeSoto Landing Subdivision that are proposed for removal from Unit Q01A. The U.S.

Fish and Wildlife Service's assessment indicates that the structures were inadvertently included within Unit Q01A when the unit was revised in 1996 to reflect changes caused by natural forces.

A property owned by the Dauphin Island Property Owners Association, which includes an 80-acre golf course, known as the Isle Dauphine Golf Club, and a 27-acre undeveloped stretch of beach, is proposed for inclusion within Unit Q01A. The Service's assessment indicates that the property meets CBRA's definition of and criteria for an undeveloped coastal barrier and is therefore appropriate for inclusion within the Coastal Barrier Resources System (CBRS). The structures associated with the Isle Dauphine Golf Club are not proposed for inclusion within the CBRS.

Acreage, Shoreline, and Structures:

	<i>Total Acres</i>	<i>Upland Acres</i>	<i>Associated Aquatic Habitat Acres</i>	<i>Shoreline (miles)</i>	<i>Structures*</i>
Existing Unit	1390	24	1366	3.2	
Added to the CBRS	384	101	283		0
Removed from the CBRS	4	4	0		10
Reclassified Area	0	0	0	0.0	
Proposed Unit	1770	121	1649	3.9	
Net Change	380	97	283	0.7	(10)

* Structure count derived from Google Earth 2010 aerial imagery

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Unit Q01P, Mobile Point, Alabama

Type of Unit: Otherwise protected area (OPA)

Location of Unit: Unit Q01P is composed of four discrete segments spanning four separate Coastal Barrier Resources System (CBRS) maps. Only the western segment of this unit, which is located west of Gulf Shores at the westernmost end of Fort Morgan Peninsula in Baldwin County, is being remapped at this time.

Congressional District: 1

Draft Map Date: September 22, 2009

Imagery Source and Date: U.S. Geological Survey, 2008

Establishment of Unit: Coastal Barrier Improvement Act (Pub. L. 101-591) enacted on 11/16/1990

Historical Changes to Unit: There have been no changes to the boundaries of this segment of Unit Q01P since it was first established in 1990.

Underlying Conservation/Recreation Area(s) in OPA: Fort Morgan State Historic Site, owned by the Alabama Historical Commission. Bon Secour National Wildlife Refuge, owned by the U.S. Fish and Wildlife Service (Service).

Existing Boundary Description: The existing boundary of the western segment of Unit Q01P falls mostly in open water. The eastern boundary cuts across Fort Morgan Peninsula, generally following the eastern boundary of property owned by the Alabama Historical Commission, and extends north into the open water of Mobile Bay. Unit Q01P shares a portion of its eastern boundary with the western boundary of Unit Q01, which is located on an adjacent map. The northern boundary runs west through Mobile Bay about one mile north of Fort Morgan Peninsula. The western boundary generally follows the indefinite boundary between Baldwin and Mobile Counties.

Proposed Changes to Boundary: No significant changes have been made to the boundaries of Unit Q01P. The eastern boundary of the unit has been adjusted slightly to be coincident with Baldwin County parcel data, but the change is not visible at the 1:24,000 map scale.

Additional Comments: In accordance with the Service's standard mapping protocols for delineating underlying conservation and recreation areas within the CBRS, the Service obtained signed maps and Statements of Agreement from the Alabama Historical Commission and the Bon Secour National Wildlife Refuge certifying that the boundaries of their respective lands were accurately depicted on a base map. Those stakeholder concurrence maps were then used to compile portions of the proposed boundaries on the draft map for Unit Q01P. This boundary review process does not necessarily indicate that the stakeholders concur with the Service's recommendations for boundary changes.

Acres, Shoreline, and Structures:

	<i>Total Acres</i>	<i>Upland Acres</i>	<i>Associated Aquatic Habitat Acres</i>	<i>Shoreline (miles)</i>	<i>Structures*</i>
Existing Unit	1911	433	1478	6.6	
Added to the CBRS	0	0	0		0
Removed from the CBRS	0	0	0		0
Reclassified Area	0	0	0	0	
Proposed Unit	1911	433	1478	6.6	
Net Change	0	0	0	0	0

* Structure count derived from Google Earth 2010 aerial imagery

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