

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.

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	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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