

## **EXECUTIVE SUMMARY**

**Share recent dune performance from Tropical Storm Fay and future steps that the CAC can undertake to improve dune performance.**

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**OBJECTIVE:** Share recent dune performance from TS Fay and future steps that the CAC can undertake to improve dune performance.

**CONSIDERATIONS:** Tropical Storm Fay severely eroded Collier County beaches. However, recent dune planting performed exceptionally well in accreting sand and protecting the beaches/upland habitat.

Focus in the County has to recent been with sand placement and not with dune plantings and protection. National publications confirm recent TS Fay experience related to dune protection and performance.

A more focused dune program should be considered that will:

1. Mandate dune repair/rebuilds as a requirement for each renourishment project.
2. Require dune rebuild/repair in front of residential beach properties as a condition of sand placement similar to our policy on easements. Most dunes are located upland of the Erosion Control Line on private property.

Dune vegetation and plantings are not always looked on positively by all property owners because of view restrictions however health dunes are critical to a healthy beach environment.

**COUNTY ATTORNEY FINDING:** A finding by the County Attorney is not required for this item.

**ADVISORY COMMITTEE RECOMMENDATIONS:** For information only

**FISCAL IMPACT:** The Source of funds is from Category "A" Tourist Development Tax fund 195.

**GROWTH MANAGEMENT IMPACT:** There is no impact to the Growth Management Plan related to this action.

**RECOMMENDATION:** For Information only

**PREPARED BY: Gary McAlpin, CZM Director**