

Start a Project in Your Area

- ⇒ Select location acceptable by the SC DHEC Office of Coastal Resource Management
- ⇒ Obtain Permit Application from SC DHEC <http://www.scdhec.gov/administration/library//D-3903.pdf>
- ⇒ Run an ad in the newspaper announcing plan to build a dune and where.
 - Advertisement format is on the permit application
 - Obtain Notarized affidavit from the newspaper as well as a copy of the ad for submission with permit application
- ⇒ Send certified letters to owners of nearby properties (within 100 feet) and local governing body, informing of permit application for Build-a-Dune project.
 - Retain certified mail receipts for submittal with permit application.
- ⇒ Submit permit application, newspaper documents and certified mail receipts to OCRM. They will issue a permit and time frame for project completion.

To learn more about the Build-a-Dune project, visit:

SC Department of Health and Environmental Control Office of Coastal Resources Management

<http://www.scdhec.gov/environment/ocrm/>



Volunteers install fencing units on Folly Beach, SC

Charleston County Project Impact

<http://www.charlestoncounty.org/departments/BuildingServices/projectimpact.htm>



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BUILD A DUNE



 **A GREAT MORNING ON THE BEACH!**

 **A QUICK AND FUN PROJECT FOR THE WHOLE FAMILY!**

 **HELP PROTECT SEATURTLE HABITATS!**

**MAKING OUR
COMMUNITY MORE
RESISTANT TO DISASTERS**

What is Build-A-Dune?

Dunes play a pivotal role in shorelines by serving as wildlife habitat as well as moderating flooding resultant from waves.

Build-A-Dune projects have been sponsored by Charleston County, SC Project Impact initiative since the year 2000.



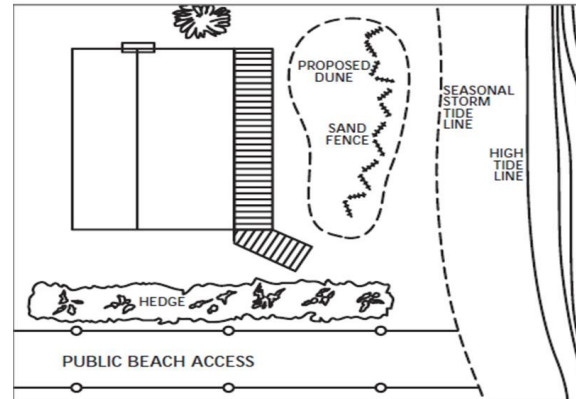
Two Years after Build-a-Dune

Build-a-Dune projects make for great volunteer opportunities. Recruiting local volunteers is encouraged since they will reap the benefits directly. Build-A-Dune project is separated into two stages.

During Stage 1 of restoration, volunteers help install sand fencing. Once enough time has been given for sand to accumulate, between 6 and 12 months, Stage 2 can commence.

Stage 2 consists of planting *Sea Oats*, *American Beachgrass* and *Bitter Panicum* to trap wind-blown sand.

Restoring a Dune



Stage 1 - Sand Fencing

Fences should be installed in a series of “V” shaped sections parallel to the Ocean.

Sections must be at least 5 feet (preferably 10 feet) from each other to prevent interference with turtle nesting.

Fences should be aligned with neighboring dunes, in a way that does not interfere with public access.



Posting Signs will help prevent people from walking on dunes.

Stage 2 - Planting

Before scheduling Stage 2, find a nursery that grows and/or sells the appropriate plants.

Planting should take place as far away from surf as possible.

High Nitrogen fertilizer is highly recommended.



Completed Stage 1—Fencing and *Sea Oats* planted

American Beachgrass should cover about 70% of the planted area

Sea Oats should cover about 20% of total planted area.

Bitter Panicum cover about 10% of planted area.