



## Kerr Environmental Services Corp.

*Sustainable Ecological Restoration  
and Environmental Consulting*

### DEPARTMENT OF DEFENSE EXPERIENCE



#### **Primary and Secondary Dune Delineation and Ecological Assessment, Joint Expeditionary Base Little Creek and Joint Expeditionary Base Fort Story, Virginia Beach, Virginia**



Kerr Environmental Services served as the local dune expert for a dune delineation and ecological assessment to be used by NAVFAC for land use planning. Kerr Environmental Services performed seven miles of primary dune delineation, per the *Virginia Coastal Primary Dune and Beaches Act*, as well as an additional seven miles of secondary dune delineation, for which Kerr Environmental Services developed delineation protocols.

Kerr Environmental Services also identified areas of degraded dune conditions and recommended appropriate techniques where restoration and/or dune protection is advised; collected data on vegetative communities, and assisted in identifying several species of state conservation concern including Darlington's oak (*Quercus hemisphaerica*) and Seacoast marsh elder (*Iva imbricata*).

Kerr Environmental Services also managed small mammal and herpetological surveys within the dune systems at both facilities.