



HABITAT RESTORATION COUNTY ROAD 858 MITIGATION

Client

Collier County Government
Barron Collier Partnership, LLLP

Location

Camp Keais Strand
Collier County Florida

Project value

\$1,349,000+

In 2009, Collier County Government/Barron Collier Partnership selected Collier Environmental Services for a \$1,349,000 contract to complete the mitigation work necessary for the widening of Collier County Road 858 (Oil Well Road) in eastern Collier County, Florida. The contract objective was to perform the necessary mitigation actions to eliminate all exotic and nuisance vegetation on 529 acres of land in Camp Keais Strand.

The scope of the work on this project consisted of both initial eradication of exotic and nuisance species (as currently defined by the Florida Exotic Pest Plant Council) and maintenance herbicide treatments. Directed herbicide treatments and hand cutting were the eradication methods that were employed. The predominate species eradicated were Brazilian pepper, lygodium, dog fennel, torpedo grass, and climbing hemp vine.

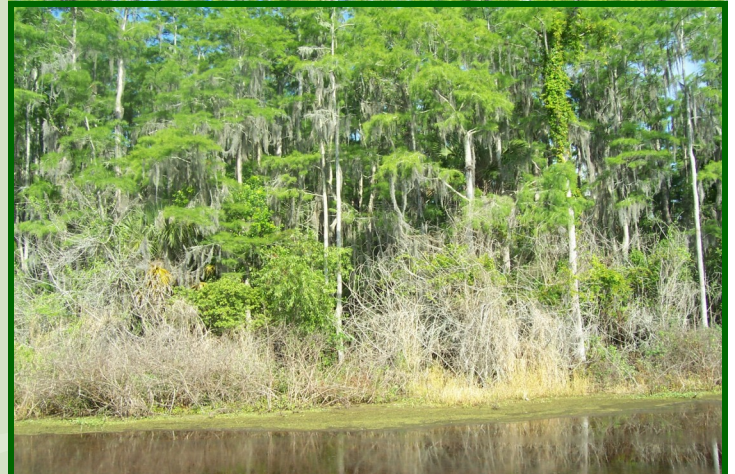
The goal of this mitigation work was to achieve less than 5% exotic and nuisance population density. It has been successfully met and the land is now in a native condition and will be monitored and maintained for five more years.



Brazilian Pepper before treatment



Post Treatment



Herbicide Treatment Results