



Everglades Land Acquisition Project



Phase I Project Planning Expert Services in Support of South Florida Water Management District's Planning Efforts

Prepared by:



Schaffer and Associates International, LLC

1020 Florida Boulevard

Baton Rouge, Louisiana 70802 USA

The Team



- Schaffer & Associates International, LLC (Schaffer) and its predecessors, based in Louisiana, have served the worldwide sugar and related industries for over 50 years, providing traditional and diverse services in project definition, feasibility studies, design engineering, estimating, implementation, and operations/management. Schaffer provides independent expert services.
- Jack Nelson is the former General Manager of Rio Grande Valley Sugar Growers, Inc. in Texas and is a leading US specialist in sugar cane agriculture.

The Team



- Marlan Mitch, Regional Director and a Project Manager for Schaffer has more than 25 years in the sugar industry.
- Other team members not present include:

Dr. Harold S. Birkett, Nigel Williams and Francis Schaffer.
- We are also pleased to work together with:

Edwin A. "Wynn" Jones, Jr., ARA ASFMRA, of Angus Investments, Inc.

Employees and Officials of SFWMD.

Goals



- During the Phase I Planning Process the SFWMD will determine the range and general location of acreage needed to store, treat and deliver water
- The District is seeking greater understanding of how the characteristics of lands under consideration impact the economics of the existing agricultural industry in and around the EAA, in particular the sugar cane industry.

Modeling Methodology



- Schaffer will prepare various technical/economic models to compare options and identify the potential impact on the sugar cane industry of restoration project configurations.
- Models will be prepared objectively and will consider historic information, present production and future estimates of:
 - Cane Acreage, Yields, Number of Stubble Years and Varieties
 - Soils Types and Thicknesses
 - Transport Distances both Rail Network and Road
 - Loading Stations and Canal Locations
 - Agricultural and Transportation Costs
 - Industrial Processing Costs (Factory and Refinery)
 - Economic Sensitivity
 - Direct Employment
 - Other Factors

Modeling Methodology



- As much locally collected information will be used as possible for modeling.
- For areas where information may be lacking due to confidentiality issues, standard sugar cane industry values and factors will be utilized.
- These models will evaluate the different configurations provided by SFWMD and measure their potential impact on the sugar cane industry.

Questions

