



On December 10, 1975, a Consumptive Use Permit for the Peace River Regional Water Supply Facility was signed between General Development Utilities, Inc. and the Southwest Florida Water Management District (District). In conjunction with this agreement, a comprehensive Hydrobiological Monitoring Program (HBMP) was set forth to assess the responses of various physical, chemical and biological characteristics of the Charlotte Harbor Estuary to changes in Peace River flow. The program was designed to evaluate the impacts and significance of natural salinity changes on the aquatic fauna and flora in upper Charlotte Harbor, and to determine whether freshwater withdrawals by the Peace River Regional Water Supply Facility (Facility) could be shown to alter these patterns. This data report includes HBMP data collected over the period from January through December 2011, and represents the twenty-second year of data collection for the Peace River Manasota Regional Water Supply Authority (Authority), as owner/operator of the Peace River Regional Water Supply Facility.

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