

CITY OF SANIBEL

RESOLUTION NO. 92 - 178

A RESOLUTION ADOPTING A REVISED WEIR CONTROL POLICY FOR THE CITY OF SANIBEL; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, surface water in the interior of the City of Sanibel is controlled primarily by two weir structures, located at Tarpon Bay and Beach Road; and

WHEREAS, the City of Sanibel is responsible for the maintenance and control of these two weir structures, and has a weir control policy defining management of these weirs; and

WHEREAS, due to the reconstruction of these weirs, the City finds it necessary to revise the current policy;

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Sanibel, Lee County, Florida:

Section 1. The City of Sanibel Weir Control Policy, a copy of which is attached hereto and incorporated herein by reference, is hereby approved.

Section 2. Effective date.

This Resolution shall take effect immediately upon adoption.

DULY PASSED AND ENACTED by the Council of the City of Sanibel, Lee County, Florida this 4th day of August, 1992.



Mayor and Member of Council



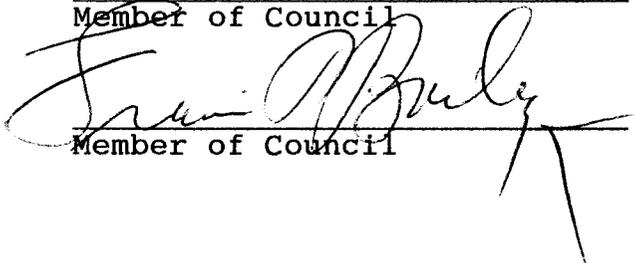
Member of Council



Member of Council



Member of Council



Member of Council

ATTEST:

Ray A. Rice
City Clerk

AUG 12 1992
Date Filed With City Clerk

APPROVED AS TO FORM:

Robert D. Pott 7/28/92
City Attorney

CITY OF SANIBEL, FLORIDA

WEIR CONTROL POLICY

It is a policy of the City Council of the City of Sanibel that the City Manager shall have sole control of the two weir structures at Tarpon Bay and Beach Road. It is also a policy of the City to attempt to retain as much fresh surface water on the island as possible through the management of these two weirs for the environmental benefit of the islands Interior Wetlands system, so long as developed areas are not adversely impacted by these surface waters. ~~and~~ The weirs, therefore, may be opened only during the following conditions:

The Beach Road weir may be opened up to 36 hours in advance of a tropical storm event when advised by the City's weather consultant that the tropical storm could cause severe rainfall on Sanibel and two of the following conditions are met:

1. Feeling the effects of the storm(i.e. experiencing precipitation as a part of the storm system);
2. Storm anticipated to pass within 100 miles of the City of Sanibel as determined by the City's weather consultant; or
3. Fresh water levels at any City gauge east of Tarpon Bay Road are at 2.5 NGVD, or greater. When the new Beach Road weir is built and certified complete for operation, this level will be increased to 2.7 NGVD.

The Beach Road weir and Tarpon Bay weir may be opened during or subsequent to a period of heavy rainfall which results in interior flooding of the City.

For the purpose of this policy, interior flooding is defined as follows:

Interior flooding occurs when any of the following conditions exist within the freshwater management area as defined by Johnson Engineering in their Surface Water Management Study, dated April 1987.

1. When public streets are impassible to cars traveling at a slow rate of speed.
2. When water is standing in residential or commercial storage rooms.
3. When individuals are required to wade water to get from their car to their residence or a commercial establishment.

The Beach Road weir may be opened only when these conditions occur east of Tarpon Bay Road, and the Tarpon Bay weir may be opened only when these conditions occur west of Tarpon Bay Road.

During periods that the gates are open, they shall be routinely examined to insure against any possibility of salt water intrusion.

The weir gates shall be gradually closed so that water is held at a level no greater than 2.6 NGVD, measured at the weirs and until a time when interior flooding conditions no longer exist. When the new Beach Road Weir is built and certified complete for operation, the level measured at this weir will increase to 2.8 NGVD.

At all times, the weirs should be secured by locks and chains to prevent any unauthorized adjustments.

This policy was formulated existing conditions in 1988. If modifications are made to this system, the policy should be reexamined and altered if necessary. As the Sanibel Surface Water Management Plan is implemented, this policy will be continually monitored and reviewed by the City and amended by City Council as necessary to achieve the City's surface water management goals.

Approved by City Council 2/21/89