

Water Glades Condominium

Singer Island

Palm Beach County

Sand Dune Replenishment Project

December, 2019



December 15th, 2019

Sand Replenishment Project started
by Palm Beach County

We get 7000 approximately cubic
yards of sand (1000 Linear feet)
placed on dune across all of Water
Glades.



Project took seven days and
included 40 truck loads of sand,
two bulldozers, mining dump
trucks and several other pieces of
heavy equipment.



Sand was placed on dune and built up to a height of approximately the top of the overpass.

Sand covered the overpass from existing dune to foot of the stairs.





The finished beach pictures show the length and height of new sand dune as of Christmas day, 2019.

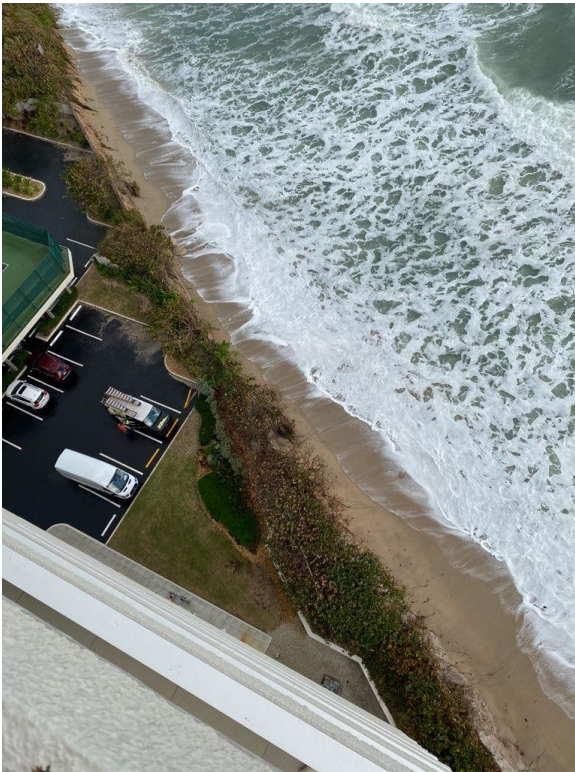




JANUARY, 2020

Current Conditions

Strong winds and high tides in January, 2020 have already eroded much of what was placed on the beach and in some areas even the original dune is gone.





On January 22, 2020 the ocean water had actually breached the wall between T100 and the north tennis court entering the property.

The area at the north end of property has been scoured down to the existing concrete block wall.

We have lost almost 100 feet of our old vegetation from the top of the wall including sea grapes and dune plants east to the water.





Pictured is the existing concrete block wall showing the exposed cement footer.

100% of the new and old dune is gone along with the landscaping and dune grasses which held the dune in place.





January 24, 2020

More overnight erosion caused by high tides have exposed the existing retaining wall down to the cement footer and tore away the roots, irrigation pipes and electrical wires.

