

TIGERTAIL LAGOON AREA

What is the immediate problem? : The most recent Engineering studies and data show zone 3 is much shallower than zone 4 (Tigertail Lagoon as we call it). Zone 4 is very deep. The change in tide is only 1 foot. Consequently the water is slowed down by zone 3's shallowness as the tide flows. Zone 4 is 2 hours behind in tide changes.

What if nothing is done? Zone 3 will become shallower. Zone 4 (the lagoon area)) could be closed off from tidal flow causing it not to flush.

Who/what is affected now?

1. At present time a low tide causes a wide area of a muddy flat.
2. At Tigertail, high tides are becoming higher on the beach and extend into the dunes because of slow receding of the tidal waters.
3. Tigertail Beach has experienced a beach closing due to bacterial matter; will there be more because of poor water flow?
4. Hideaway residents are affected now because of their lack of direct access 24/7 to navigable waters for recreation.

WHAT If nothing is changed: Eventually

- The healthy ecosystem that is there now will become negatively affected
- Tigertail Beach/Park users will have less area for recreation because there will be no exit from the lagoon northerly.
- Fishing and birding at Tigertail Lagoon will be affected. The vast amount of birders who do visit will dwindle.
- Lagoon will become unattractive to visitors
- Tigertail Park attendance will decrease, 2018 showed over 170,000 visitors to Tigertail
- The lagoon will become stagnant

SOLUTION: Engineering studies show that a small surgical cut through zone 3 will increase flow from 10-50%. Channel development costs would need to be provided by TDC or other city or county funding.