



Beaches and Shores Advisory Committee

Murdock Administration Building, 18500 Murdock Circle,
Building B, Room B-106, Port Charlotte, FL 33948

<u>Board Members:</u>	<u>District:</u>
Don McCormick, Chair	District 2
Nichole Beyer	District 3
Vacant	District 1
Wendy Lang, Vice-Chair.....	District 5
Stas Matias.....	District 4
Jeff Anlauf.....	Member-at-Large
Vacant.....	Member-at-Large

MINUTES

December 1, 2022, at 9:00 A.M.

1. Call to Order:

Don McCormick called the meeting to order at 9:00 a.m.

2. Pledge of Allegiance

Don McCormick asked those in attendance to stand for the Pledge of Allegiance.

3. Roll Call / Determination of a Quorum

Upon Secretary Bennett calling the roll call, it was determined a quorum was present.

4. Approval of Minutes

- o Approve the Minutes from June 2, 2022

Mr. Matias made a motion to approve the June 2, 2022, minutes, seconded by **Ms. Lang** the motion passed unanimously.

5. Changes to the Agenda

None offered.

6. Citizen Input on Agenda Items

None offered.

7. Old Business

- a. Derelict Vessel Update Report

Roger DeBruler, Environmental Specialist, informed the board that NOAA flew over the pathway that Hurricane Ian traveled over and took photographs. The U.S. Coast Guard identified 587 targets (anything from a boat to a bag of trash) within Charlotte County waters. The FWC and U.S. Coast Guard had to identify those, that currently they are still identifying. Out of those targets there were:

- 179 targets that could not be found
- 211 none- which has been identified as trash
- 152 boats

This is the report for October, out of these numbers 26 boats have been removed from the water.

Wendy Lang arrived at 9:06 A.M.

The November report are boat's that **Mr. DeBruler** observed, including some of the ones from September's report, that were damaged in some way. Only 57 boats were considered derelict and only 10 have been removed out of that list. The removal process has been owners and insurance companies thus far, to date we only know of 36 boats that have been removed from the water.

Commissioner Deutsch asked if there is an estimated timeline of debris removal? **Mr. Logan** replied they are currently working on it. They do have a storm debris removal contract, right now they have initiated the navigable side, they have not started on the freshwater side due to funding.

Ms. Lang asked **Mr. DeBruler** does he think that over the next few months that the insurance companies will be a great factor as into helping in the removal process? **Mr. DeBruler** replied he doesn't know how many of the 36 mentioned above have been removed from insurance, or if they were removed from the owner. **Ms. Lang** suggested maybe having some public service announcements, **Mr. DeBruler** announced he has already been reaching out via public service announcements. He mentions there are two programs the state initiated; first one is a hurricane protocol, which mandates the state can take in vessels from owners if they wish to relinquish the boat. The state came down with the At-Risk boat, which is a boat that is open to the environment, has no propulsion, no lighting and has several citations on it. The state will have an investigator inspect the boat and see if the owner is willing to sign it over to the state.

8. New Business

- Presentation by Greg Janiec – Technology Wave Energy (wave attenuating devices – wads)

Greg Janiec gave a presentation of Technology Wave Energy (wave attenuating devices – wads).

- Wave Attenuating Devices (WAD)- allow the wave to pass through the structural array as it breaks up the wave energy into smaller units, creating an out-of-phase wave environment.
- They are made out of concrete with no rebar and no metal and are hollow.
- WADs are sized specific for the project.
- They are moveable if need be.
- Typically costs less than large stone structures and sea walls.
- Requires no maintenance.
- Encourages beach accretion.

Commissioner Deutsch asked what effect does a WAD have on sand movement verses a groin system? **Mr. Janiec** replied that the WADS get installed close to the perpendicular to the wave energy, when it hits the sand drops out. Thus, will prevent the migration of sand down the coastline. **Commissioner Deutsch** asked could this be used in place of a groin system? Would it be as effective, or would it be more effective with wave action and flow? **Mr. Janiec** answered he believes you have to look at each application to determine if it would be effective. They do not install WADs until they model the environment, which is a pretty quick process, and they will inform if or if not, they would benefit the application.

Damian Ochab, SMSKA, asked what's the experience if any, in regard to Red Tide and if it gets into the WADs? Will the WADs prevent it from coming to shore? **Mr. Janiec** stated that he doesn't know but he will ask his brother who has done a lot of work from the BP spill if he knows.

Matt Logan, Public Works, mentioned that his current project that he is working on is debris removal. They do not have any firm deadlines right now. The define limits that they have currently, they are working with the legal department to see what they can do in these other areas. FEMA is covering the cost of the navigable water ways. NRCS, the department of agriculture is working with us to apply for funds for all of our stormwater systems, which included the fresh water, freshwater canals, ditches and the lakes within the county. Altogether it's about 370 miles of navigable waterways in Charlotte County that we maintain. Also, about the same amount for fresh water.

Mr. Logan commented immediately following Hurricane Ian, they found that FEMA requires them to out to the depth of closure, which is about 1,000 ft off our shoreline. What they discovered was that on the Manasota Key Project they lost about 10,000 cubic yards. Michael Poff went over to Florida shore and Beach preservation meeting and is working on supplemental funds to bring our beaches back. FEMA wants new calculations based on the fill template; Mike calculated that there is about 74,000 cubic yards for the Manasota Key portion from our fill template. They are also trying to prorate what happened during Storm Nicole in this request because they state are going to incorporate for both storms. On our shoreline we actually saw more of the top of the beach disappear during Nicole than it did with Ian. We are working on that from both a state and FEMA front.

- Don Padro and Knight Island

Mr. Logan explained they have found there is about 86,000 cubic yards lost from the beaches. They are working every angle that they can and are staying on top of it.

Mr. McCormick asked the beach renourishment project that was just finished created how many cubic yards on the beach? **Mr. Logan** answered it was about 200,000 cubic yards. **Mr. McCormick** commented so we lost about 25-30%.

- **Matt Logan/Zach Patchell, Public Works
Engineering Projects Update Report**

Mr. Logan encouraged all to look at Zach Patchell's report for the latest information.

- Parks and Natural Resources
 - Parks and Natural Resources Update

Susie Derheimer introduced **Alexandria Grant**, who took Susan Foley-Pieri position.

Ms. Grant explained that Charlotte County is looking at close to 2,100 sea turtle nest total. The Boca Sea Turtle Association has agreed to work with us and to share their data, which will allow us to provide more accurate data for Boca Grande. Thankfully Sea Turtle season wrapped up prior to Hurricane Ian's arrival thus we only lost a hand full of nest out of the few that were still on the beach. Exciting news, three days after Ian hit a green turtle nest hatched.

Ms. Grant informed the members they were able to combine two brochures into one, the sea turtle and coastal development.

Susie Derheimer, Natural Resources, commented that lots of lighting will need to be replaced due to Hurricane Ian along the beach. They have been working with their media specialist to help make people aware that when replacing lighting fixtures, it needs to be sea turtle approved. She passed out a new flyer reminding people of

approval lighting fixtures and as a friendly reminder when turtle season returns, in case they removed their turtle approved lighting fixtures during the off season.

Ms. Lang asked if there is an area in the permitting section for the lighting to be checked? **Ms. Derheimer** replied yes, they do inspections depending on what they are purposing to do.

9. Correspondence and Communication
None offered.

10. Public Comments

Hank Killion, applied for the member-at-large position for the committee. He has lived in the area for 15 years and has been involved with the Rotonda Homeowners' Association. His background is chemistry, has done a lot with water quality. He does submit water quality samples once a month to Charlotte County. He's also chairman of the Charlotte Harbor Regatta. He expressed his concern for access of boats sailing off the beach if a wave attenuation program is ever instituted.

Damian Ochab, SMSKA, wanted to thank the staff regarding the debris on the island. He commented about the Red Tide that has been in and out thus far. The SMSKA is looking to have the county come out and speak about the lighting requirements, to educate their members regards to lighting.

11. Comments by Administrative Staff or Consultants
None offered.

12. Member Comments

Mr. Anlauf commented that he attended the Board of County Commissioners meeting where Brandon Moody presented an update on the water testing in the county. The presentation went very well and lots of great questions were asked. He recommends for this committee to hear where he is at this time of the water quality update.

Mr. Matias commented that he enjoyed the presentation from Greg Janiec, he comments that the committee is curious on how the WADs would work with Red Tide.

Commissioner Deutsch applauded our staff and how they handled Hurricane Ian.

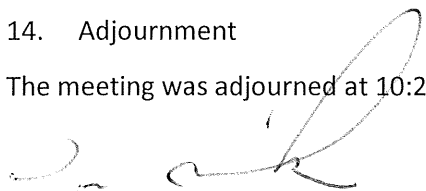
Mr. McCormick encouraged Mr. Janiec to speak at the Parks and Recreational meetings about the WADs as well.

13. Next Meeting

- The next Regular Meeting of the Beaches and Shores Advisory Committee will be **Thursday, January 5, 2023, at 9:00 a.m.** in the Murdock Administration Center, 18500 Murdock Circle, Room B-106 Port Charlotte unless otherwise announced.

14. Adjournment

The meeting was adjourned at 10:29 a.m.



Don McCormick, Chair