

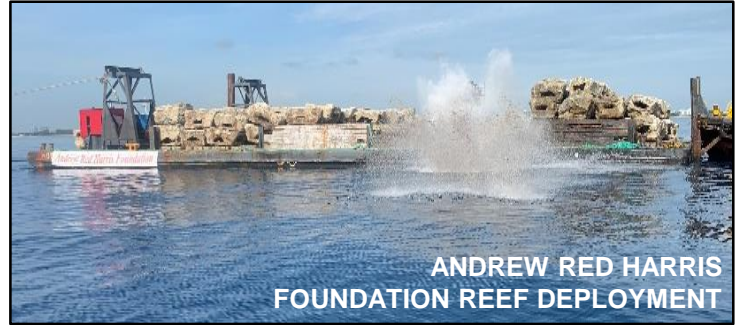
July 2019 Project Status Report

Department of Environmental Resources Management



Andrew Red Harris Foundation (ARHF) Reef

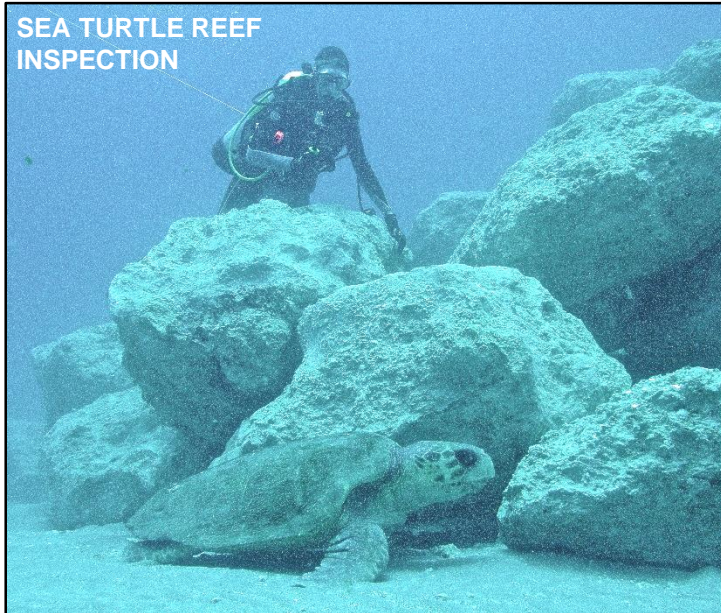
Deployment: In partnership with the ARHF the County deployed 284 pre-cast boulders offshore of Juno Beach in 78 ft. of water. The pre-cast boulders were made locally in Jupiter Farms, paid for by the ARHF, and donated to the County who then funded the deployment. This artificial reef is in close proximity to the previous one donated and placed in 2018.



ANDREW RED HARRIS
FOUNDATION REEF DEPLOYMENT

Florida Fish and Wildlife Conservation Commission (FWC) Reef Deployment:

The County deployed 637 tons of limestone boulders offshore of Juno Beach in 78ft. of water alongside the ARHF material. The boulders were dispersed into three reef piles with approximately 12 ft. of relief. The material and deployment was funded in part by an FWC Artificial Reef Grant. County divers entered the water to survey the placement and found a sea turtle already resting among the rocks.



SEA TURTLE REEF
INSPECTION



TARPON COVE

Tarpon Cove: The project continues to receive sand from the Rybovich Marina expansion, with anticipated completion in the fall. Once the additional sand is placed, the material will be graded and armor stone will be placed to create three intertidal islands and oyster reefs between Sunset Road and Monceaux Road.

Lake Worth Inlet Flood Shoal:

ERM has partnered with the Marine Industries Association of Palm Beach County to investigate the flood shoal north of Peanut Island. Over the years, the accretion of sand has created both environmental and navigational concerns. The goals of the project are to reduce sedimentation at the Phil Foster Park Snorkel Trail, increase areas of recreational boat use, and improve navigation and safety by providing easier access for first responders. ERM staff completed the first phase of the project feasibility study by conducting seagrass surveys and working with engineers to develop a sound project design. A public outreach meeting will be held at the Palm Beach Marriot Singer Island Resort & Spa on August 27th from 5:30 to 8:00 pm.



LAKE WORTH INLET
FLOOD SHOAL
(PHOTO CREDIT
PBSO)



Palm Beach County Board of County Commissioners

Mack Bernard, Mayor, Dave Kerner, Vice Mayor, Hal R. Valeche, Gregg K. Weiss, Robert S. Weinroth, Mary Lou Berger, Melissa McKinlay

Pine Glades Natural Area: In 2010, the Florida Fish and Wildlife Conservation Commission (FWC) established a baseline fisheries dataset prior to the restoration of the natural area. This year, FWC returned to survey the restored fishery, and noted significant increases in fish diversity and populations at the site.

Lake Worth Lagoon Initiative (LWLI) Funding Request Last Call: The 2020 LWLI Legislative Funding Request application period will close August 2, 2019. Municipalities and special taxing districts are encouraged to submit shovel-ready projects such as environmental restoration, septic-to-sewer conversions, and stormwater system improvements. Please visit <http://lwli.org> for more information and to download the application or if you have any questions, email ERM-LWLI@pbcgov.org.



FISHERIES SURVEY

Prescribed Burn: A 14-acre blackline burn was conducted at Pine Glades to create a safe and clear firebreak in preparation for a larger helicopter burn planned for the near future.

Loxahatchee River Preservation Initiative (LRPI): ERM was awarded a \$160,000 LRPI grant to conduct a hydrological assessment of the effects of the C-18 canal on the Loxahatchee Slough and Hungryland Slough Natural Areas. The assessment will assist ERM in the hydrological restoration of the areas within the Loxahatchee River watershed.

Recreation Trails Program (RTP) Grant: ERM has been awarded a \$162,000 RTP grant to repair and replace the public use facilities at Royal Palm Beach Pines Natural Area.



BLACKLINE BURN

Mangrove Planting in the Lake Worth Lagoon: The Marine Conservation Club at Spanish River High School, along with ERM Green Futures interns and MANG volunteers, braved the morning heat and humidity to plant 300 red mangrove seedlings at Snook Islands. The club received grant funding from the MOTE Marine Laboratory to plant and care for the seedlings.



MANGROVE PLANTING

Adventure Awaits: Register NOW for a **FREE** event at [PBCERM.EVENTBRITE.COM!](http://PBCERM.EVENTBRITE.COM)

UPCOMING ERM EVENTS

- August 8: **GROWING UP WILD – MEET THE CREATURES OF THE LAKE WORTH LAGOON** at Jewell Cove-Lake Worth Beach Complex
- August 10: **GROWING UP WILD – THINKING LIKE A BIOLOGIST!** at Winding Waters
- August 21: **MORNING STROLL** at Frenchman's Forest



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