



Masonboro Island Reserve
Local Advisory Committee Meeting Minutes
Tuesday, April 30, 2019, 3 pm
Habitat Conference Room, UNCW CMS

Attendance

<u>LAC Partner Organization Members</u>	<u>Present</u>
NC Audubon, Walker Golder	Yes
New Hanover County Sheriff's Office, Sergeant Steve Schmidlin	Yes
New Hanover County Planning Department, Dylan McDonnell	No
NC Coastal Land Trust, Jesica Blake	Yes
Division of Marine Fisheries	No
Division of Parks and Recreation – CB, Chris Helms	Yes
Natural Heritage Program, Judith Ratcliffe	Yes
UNCW Center for Marine Science	Yes
Town of Wrightsville Beach Administration	No
<u>Community Members and Community Organizations Members</u>	
Neal Andrew	Yes
Thomas Carter	Yes
Dr. Lynn Leonard	Yes
Dr. Zachary Long	No
Masonboro.org, Richard Johnson	Yes
Haywood Newkirk	No
William Raney	Yes
Pat Rittenmeyer	Yes
Sam Romano	No
Surfrider, Cape Fear	No
Ted Wilgis	Yes
Martin Willard	Yes
<u>Others Present</u>	
Hope Sutton, DCM/NCCR & NCNERR Stewardship Coordinator & Southern Sites Manager	

Elizabeth Colhoun, DCM/NCCR & NCNERR Stewardship Specialist
Heather Wells, DCM/NCCR & NCNERR Research Specialist

Welcome – Hope Sutton

The site manager welcomed the committee to the Spring 2019 meeting and reviewed the agenda.

Reserve-wide Administrative Update – Hope Sutton

The Reserve-wide Administrative Update, which now includes a range of Reserve activities was shared with committee members prior to the meeting.

- *30th Anniversary*

The Reserve is celebrating its 30th anniversary this year! Based on the success of establishing the NCNERR in the mid-1980s, the State was inspired to protect additional coastal habitats for research, education, and stewardship. The Coastal Area Management Act (CAMA) was amended in June 1989 to create the N.C. Coastal Reserve to protect both state and national reserve sites for research, education, and compatible traditional uses. The Reserve will kick off its celebration in May with an outreach campaign extending through the summer, celebrating 30 years of research, education, and stewardship.

- *Hurricane Florence Recovery Update*

Hurricane Florence recovery continues, although many operations have returned to normal.

All Reserve sites are open except a portion of the Bald Head Woods Reserve. The Division is partnering with the N.C. Forest Service to address downed trees and limbs at the Reserve to ensure visitor safety and forest health.

The Division is also working with the N.C. Coastal Federation to secure federal funding from the U.S. Department of Agriculture's Emergency Watershed Protection program to address large marine debris such as dock sections and lumber and remaining vessels stranded on public lands as a result of Hurricane Florence. This funding will address these issues at the Rachel Carson and Masonboro Island Reserve sites.

Thank you to the many volunteers who have helped clean up the sites post-Florence.

- *Periodic Rules Review*

The Rules Review Commission approved the requested readoption timeline of November 30, 2021 for Coastal Reserve rules (15A NCAC 070). Staff are discussing potential rule language

based on committee input on 15A NCAC 07O.0202 at the fall 2018 meetings. This work is part of the Legislative Periodic Review and Expiration of Existing Rules process (G.S. 150B-21.3A).

- *N.C. NERR Management Plan*

The Reserve addressed feedback from NOAA on the draft management plan for the N.C. National Estuarine Research Reserve that will cover 2019-2024 and the plan is currently under review by the N.C. Department of Environmental Quality. A 30-day public comment period for the draft management plan will be scheduled after all reviews are complete and 3 public meetings, in the northern, central and southern regions of the coast, will be scheduled during the comment period.

- *Federal Budget*

The budget table below is a summary of the current status of the federal budget* for fiscal years 17, 18, 19, and 20 as it relates to the Coastal Reserve.

Federal Budget Lines	Final Omnibus Appropriations FY2017	Final Omnibus Appropriations FY2018	Final Omnibus Appropriations FY2019	President's Budget Request FY2020
NERRS Operations	\$23.5 M	\$25 M	\$27M	\$0 M
CZM Grants	\$70 M	\$75 M	\$75.5M	\$0 M

- Federal Fiscal Year 20: The President's budget request does not include funding for the NERRS Operations or the CZM Grants budget lines. Next steps for the federal fiscal year 20 budget include the House and Senate marks and chamber votes, conferencing between the chambers, chamber votes to agree on a final budget, and a final budget going to the President for signature into law.
- Thank you to the National Estuarine Research Reserve Association and Friends of the Reserve for their work to educate Congress on the value of the national system and the NCNERR.

- *Margaret A. Davidson Fellowship Program*

A 2016 external Blue Ribbon Panel Report recommended that the National Estuarine Research Reserve System establish a graduate fellowship program to increase graduate research within reserves and develop the next generation of scientists and managers. Congress provided an additional \$2M to NOAA in the FY19 Omnibus appropriations bill for the National Estuarine Research Reserve System to implement the Margaret A. Davidson Fellowship (see table above).

The goal of the Margaret A. Davidson Fellowship is to build the next generation of leaders in estuarine science and coastal management by affording graduate students the opportunity to conduct collaborative science addressing key reserve management issues, partake in professional development opportunities, and receive quality mentoring to support their professional growth. The fellowship will offer graduate students enrolled in a M.S. or Ph.D. program the opportunity to conduct estuarine research within a National Estuarine Research Reserve. One fellow will be selected at each of the 29 reserves in the system for a two-year duration. A strong emphasis will be placed on mentoring the fellows at a local and national level, as well as providing professional development opportunities to build knowledge and skills to enter the workforce.

The Request for Proposals for the fellowship will be published in the next few months with proposals due towards the end of the calendar year. Look for more information from the Reserve regarding this exciting opportunity in the coming months.

- *Staffing News*

- Paula Gillikin, Central Sites Manager, received a 2018 Governor's Award for Excellence in Public Service in October. Paula's exceptional commitment to serving the public extends throughout and beyond her work with the Division to her volunteer work which focuses on those cannot speak or advocate for themselves including animals and children.
- Whitney Jenkins, Coastal Training Program Coordinator, received a 2018 Department of Environmental Quality Distinguished Employee award in November. Whitney was recognized for her work in delivering trainings to and assisting local communities such as the Town of Beaufort in taking action to address stormwater and harbor management challenges. Whitney also received the National Estuarine Research Reserve System's Cathy Angell Communication Award for bringing diverse stakeholders together to make environmental improvements to local coastal communities as well as for incorporating communication best practices in her outreach activities.
- Kate Jones left the Northern Sites Manager job in early November to take a job with the Town of Nags Head. Thank you to Kate for her hard work during her tenure with the program and best of luck in her new position. Interviews have been conducted for the vacant position.

- *Upcoming Program Activities*

Find upcoming event information on the event calendar at www.nccoastalreserve.net.

- Join Reserve staff in celebrating Earth Day at Crystal Coast Earth Day at Fort Macon State Park on April 21 and at the Wilmington Earth Day Festival on April 27.

- The Reserve will host an informational session and training for those interested in volunteering for the 2019 sea turtle nesting season at the Masonboro Island Reserve. The event takes place on April 25 in Wilmington.
- Reserve local advisory committees will meet this spring beginning the week of April 29.
- For the sixth year, the Reserve and NC Wildlife Resources Commission are teaming up to estimate the diamondback terrapin populations through the use of citizen science. Citizen scientists who attended the April training will kayak designated routes at the Masonboro Island Reserve and document terrapin sightings in May. WRC is expanding this methodology to Carteret County, hosting a pilot Tally this season.
- A teacher and educator workshop will be held in Wilmington on May 14. Participants will receive content aligned with state and national education standards to support incorporation of estuary and watershed topics into classroom teaching. Teacher renewal credits and Environmental Education Certification credits are available for this workshop. Registration is required.
- The Coastal Training Program will host two workshops on low impact development & water quality for real estate agents and property owners May 22 and 23 in Wanchese. These trainings provide real estate professionals background in how land use decisions impact water quality and how to help protect water quality by using low impact development techniques. Participants will also learn how to use stormwater control measures to meet state and local regulations while maintaining functionality and aesthetics.
- The Coastal Training Program will also host 'Social science basics for coastal managers' with NOAA on July 11 in Beaufort. This training provides the basic knowledge and skills to help coastal managers understand their stakeholders and includes modules on survey design, conducting focus groups, and conducting interviews. Registration is required.
- Registration for Summer Science School, in partnership with the NC Maritime Museum in Beaufort, is open. Reserve education staff will lead programs for students in Preschool to 10th grade from June to August.
- Sarah Donaher is the recipient of the 2019 North Carolina Coastal Research Fellowship. Sarah is a graduate student at UNC-IMS (advised by Dr. Rachel Gittman from ECU) and will study the resilience and restoration of seagrass beds. The fellowship is co-sponsored by North Carolina Sea Grant and the N.C. Coastal Reserve and National Estuarine Research Reserve, and supports work on priority coastal management issues at the N.C. reserve sites.

* The federal fiscal year is October 1-September 30. The National Estuarine Research Reserve System (NERRS) budget line provides funding to the 29 reserves within the System through

cooperative agreements that are matched by the states, and supports national coordination of programs and implementation of system-wide and competitive projects. The Coastal Zone Management (CZM) grants budget line provides funding to coastal states with approved coastal management programs through cooperative agreements that are matched by the states. The Division of Coastal Management (DCM) receives funding from both budget lines to operate the N.C. National Estuarine Research Reserve (NCNERR) and N.C. Coastal Management Program. The CZM grant funds DCM receives provides funding for Reserve staffing, state site operations, and administrative support.

- *Local Advisory Committee Operating Procedures*

As per Section II.F.10 of the Operating Procedures, the N.C. Coastal Reserve Local Advisory Committee Operating Procedures document will be reviewed and updated every five years. Reserve staff have reviewed and updated the document presented here. Technical changes such as changes in agency names or site acreages and minor edits that serve to clarify existing language have been made with previous language not retained. A few more substantive changes were made to more accurately reflect current implementation of procedures. These are noted with sidebar comments. LAC members are invited to review the document and provide comments at spring LACs meetings or by email during the next few weeks. If no comments are received, the revised document will go into effect June 1. Stewardship staff will determine the best method to resolve any comments received and will be in communication with committee members, as appropriate, to finalize a revised document if any additional changes are required.

Site Update and Old Business – Hope Sutton

General site conditions

- The site manager reported that conditions at the site have been typical of the season with no unusual activity or concerns to report. Minimal activity was observed during the winter months. Research activities have continued uninterrupted.

Seasonal activities

- The site manager provided an overview of recent field activities. Shorebird monitoring began during March. As in recent years, American oystercatchers were the priority species for monitoring of reproductive success. To support shorebird nesting, predation management was conducted during early March. This work was funded partially by operational funds from NOAA and partially by funding received from the National Fish and Wildlife Foundation, carryover funds from a U.S. Fish and Wildlife Service project during 2017 focused on developing Best Practices for Coordinated Predator Management to support nesting shorebirds in the Atlantic Flyway. Masonboro served as a demonstration

site for the original project and continues to benefit from this funding source and project. Thank you to Audubon and the N.C. Wildlife Resources Commission for involving the Reserve and Masonboro in this project. The Terrapin Tally program continues in its sixth year this season. Trainings were held in early April and data collection will take place on May 4, 5, 18, and 19. This project continues to involve many community volunteers and benefits from the support of several adjacent neighbors/neighborhoods that allow use of private launches to facilitate the project. Sea turtle monitoring will begin as soon as nesting begins in mid-May. Two seasonal staff, four interns working for credit, four volunteer interns, and a number of community volunteers will support this program. The annual training session for the sea turtle program was held on April 25; 59 people attended.

Fourth of July operation planning

- The plan for Fourth of July 2019 will be consistent with the past few years. The first planning meeting with numerous law enforcement and emergency response agencies was held today. The Reserve will again fund contract officers and conduct a variety of on-site and media relations activities to support this effort.

Access study

- Completion of data analysis associated with this study was delayed due to Hurricane Florence. The research team anticipates delivering the final report to the Reserve within the next few months. Results will be used to inform management decision making and to begin planning for a signage and trail improvement project in 2020.

New Business

Abandoned vessels ordinance example

- During the Reserve's fall 2018 LAC meetings, discussion about hurricanes and the rules readoption process led to the topic of abandoned vessels and potential local ordinances to help communities respond to this issue. An example local ordinance from the Town of Beaufort was provided for information. Since 2015, all 20 coastal counties have the authority to pass and implement ordinances to address abandoned and derelict vessels. Brunswick and Dare counties and the Town of Beaufort have passed ordinances. Beaufort's ordinance was designed to be responsive to citizen concerns about aesthetics, safety, and navigation. The Reserve was involved with the development of the ordinance due to the number of vessels anchored within the boundary of the Rachel Carson site and the number of abandoned vessels that have washed up on the Reserve over the years. The process of development and adoption began in April of 2018 and was completed and effective in September 2019. The ordinance allowed the Town to respond to vessels impacted by Hurricane Florence. Eleven of the vessels displaced by the storm were removed and disposed of through the authority this ordinance provides.

Local businesses provided match and discounted services to facilitate this project. Normal cost would have been as high as \$97K. NOAA Marine Debris funds were obtained to provide the \$37K needed to complete the work.

Sand placement projects

- The Army Corps of Engineers is interested in placing dredged material on Masonboro during the winter of 2019-2020. Material would come from two sources: an area of shoaling near the Carolina Beach inlet and the large dredge spoil island just north of Shinn Creek along the ICWW. The Reserve has had preliminary conversations about these projects and does not have any details about the amount of material, the final placement areas, or the exact dates for placement yet.

Roundtable

- None

Public input

- None

Action Items

- The Site Manager will be in touch with committee members during the summer to plan the fall meeting date.