

**Attachment 3  
PPBEP COMMUNITY GRANT FINAL REPORT FORM**

<b>Agreement No.:</b>	FY2022-06		
<b>Grantee Name:</b>	Jane Caffrey, UWF		
<b>Grantee Address:</b>	11000 University Parkway, Pensacola, FL 32514		
<b>Grantee's Representative:</b>	Amanda Croteau	<b>Telephone No.:</b>	850-474-2060

<b>Project Title:</b>	Historical Ecology of Pensacola and Perdido Bays: Using the Past to Protect the Future of Our Bays		
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Please submit any high-resolution photos related to the project, if available (include photo credit for possible use by PPBEP for use in our e-newsletter, annual report, social media, or website) with your report as image files to [lmcdonald@ppbep.org](mailto:lmcdonald@ppbep.org).

**RESULTS: Describe the progress made toward the goals and objectives as stated in the funded grant application.**

Our team worked with local archivists, historians, and archeologists to research archeological and historical environmental changes in Pensacola and Perdido Bays. We conducted searches for primary documents such as maps, photographs, letters, articles and reports. Interviews were conducted with five members of the community whose experiences and expertise were relevant to our project: Dr. Jackie Lane, Friends of Perdido Bay; Barbara Albrecht, Bream Fisherman Association; Vernon Compton, Longleaf Alliance; Donald Ray, Department of Environmental Protection, retired; Curry Weber, local historian. Relevant documents were compiled and digitized (if needed), and a list of regional maps was created. Timelines were created for both systems using Padlet.

Three public presentations were developed based on our findings and presented at local venues. A project overview, “Using the Past to Inform the Future Management of Pensacola and Perdido Bays” was presented as a part of the UWF Biology Seminar Series and was attended by students, faculty, and staff. “Uncovering the Lost History of Oysters in Perdido Bay” was presented to community members at Perdido Bay United Methodist Church on May 3, 2022 and livestreamed by Studio 850. “Safest Harbor & Sweetest Water: Pensacola Bay’s Water Legacy” was presented to community members at Odd Colony Brewing Company on May 10, 2022. In addition to the public presentations, this research was presented at two professional conferences: Annual Meeting of the Florida Chapter of the American Fisheries Society (poster; awarded Best Professional Poster) and the Joint Aquatic Sciences Meeting (presentation).

**IMPACT: Summarize the organization's key evaluation results related to the funded grant (number of people reached, samples taken, etc.):**

- Compiled lists of available resources will be submitted to the Estuary Program (list of regional maps and locations, historical photos, etc.). As documents are digitized, they are being uploaded to the Zotero bibliography (reports, articles, etc.).
- Our professional presentations were well received and reached regional, national, and international scientists who are interested in long-term estuarine change, habitat restoration, and utilizing historical resources for research and management decisions.
- Locally we engaged with multiple environmental stewardship groups, students, and members of the community. One of our events was livestreamed and recorded presentations will be made available for distribution. Estimated presentations attendance: UWF – 50 people, Perdido – 20 people, Pensacola – 25 people.

**SUCSESSES AND CHALLENGES: Describe the significant successes and challenges the organization experienced related to the funded grant.**

- This project was a successful interdisciplinary collaboration that integrated both social and environmental systems to better understand ecological change across time. Everyone we interacted with from professionals to community members were enthusiastic both about the potential of the project and what we found. We hope that this will lead to future collaborations that will allow us to continue to investigate these questions.
- One obvious limitation to this study was time. Given the time limitations, we were only able to examine the systems broadly and focus in somewhat on the Perdido oyster research. We did not have time to do an exhaustive search or track down every lead. Also, we struggled to have consistent student help on this project due to the demands of the semester, covid, and other personal issues. Due to that our postdoc had to shoulder more of the workload than anticipated.

**LESSONS LEARNED: Describe what the organization learned based upon the results, successes, and challenges reported. Address programmatic, evaluative, or organizational changes that will be made based upon these lessons learned.**

- Our research indicates that oysters were both present and locally utilized in Perdido Bay. This indicates that further research into the potential for oyster restoration is justified.
- Due to the time limitations of the study, we were not able to investigate every lead. We're hoping to find additional funding to continue the research into historical distributions in Perdido Bay.

This report is submitted in accordance with the reporting requirements of Agreement No. FY2022-06 and accurately reflects the activities associated with the project.

*Amanda Croteau*

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Signature of Grantee's Representative

06/15/2022

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Date

Amanda Croteau, Postdoctoral Associate

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Print Name and Title