

Tab 2

TOWN OF ORIENTAL
RESOLUTION 2017-05

WHEREAS, The Mayor and Commissioners of the Town of Oriental wish to seek solutions to the constant flooding in the Harbor area; and

WHEREAS, the Mayor and Commissioners of the Town of Oriental recognize the need to attempt to mitigate recurring flooding issues; and

WHEREAS, the Manager has been working with the North Carolina Division of Coastal Management on mitigation following Hurricane Matthew; and

WHEREAS, The North Carolina Division of Coastal Management has issued a solicitation for proposals for Resilience Evaluation and Needs Assessment; and

WHEREAS, the Town of Oriental had already begun discussions on mitigation of the flooding in the Harbor Area; and

WHEREAS, the Manager filed the grant application with the Division of Coastal Management prior to its deadline of June 16, 2017; and

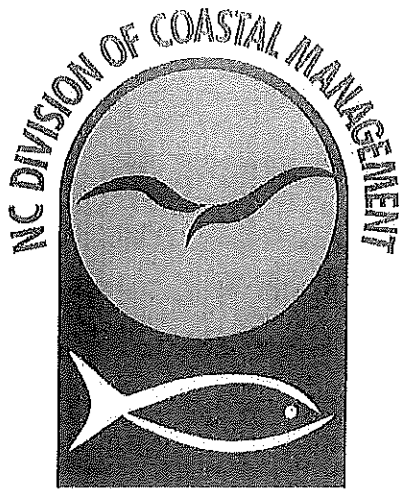
WHEREAS the grant funding requires no local match;

NOW THEREFORE BE IT RESOLVED, that the Mayor and Commissioners of the Town of Oriental approve of the grant application for mitigation of recurring flooding issues at the Harbor of the Town, and support the efforts that would following from its approval.

ADOPTED by the Mayor and Commissioners of the Town of Oriental, this 28th Day of June, 2017.

Diane H. Miller, Clerk to the Board

Sally Belangia, Mayor



N.C. Division of Coastal Management
Grant Application 2017-2018

NC Resilience Evaluation & Needs Assessment Grant Application

Please complete a separate application for each proposed project and submit to Monica Gregory at monica.gregory@ncdenr.gov.

APPLICATIONS DUE: June 16, 2017

Project Name	<u>Raccoon Creek Flood Abatement</u>	Project Administrator:	<u>Diane H. Miller</u>
Local Government:	<u>Town of Oriental</u>	Title:	<u>Town Manager</u>
Federal ID#:	<u>56-1092769</u>	Address:	<u>PO Box 482</u>
Lead Elected Official:	<u>Sally Belangia</u>		<u>Oriental, NC 28571</u>
	<u>Mayor</u>	Phone:	<u>252-249-0555</u>
Title:	<u>PO Box 482</u>	Fax:	<u>252-249-0208</u>
Address:	<u>Oriental, NC 28571</u>	Email:	<u>manager@townoforiental.com</u>

Budget Totals and Financial Assistance Requested: *Provide information from Summary Budget.*

DCM Grant	Additional Project Costs and Sources Above Requested DCM Grant Funding	Total Cost
Requested: <u>\$15,000</u>	Cash: <u>\$0</u>	<u>\$15,000</u>
	Other Grant Assistance: <u>\$0</u>	

Authorized Signature  Title: Town Manager

Name (print) Diane H. Miller Date: 6/13/17

Provide the following narratives. If necessary, please use additional pages.

- A. **Project Description:** The project will consist of an engineering study to determine mitigation measures for reduction of frequency and level of flooding within the Raccoon Creek Drainage Basin within the Town of Oriental. This is a low lying coastal area which floods frequently during hurricanes, nor'easters, or just during periods of sustained winds out of the northeast. The 2015 NC Sea-Level Rise Assessment Report Update predicts that sea levels in this area will continue to rise over the next 30 years from a minimum of approximately 4 inches to a maximum of approximately 10 inches. Oriental is located on the Neuse River near the mouth at Pamlico Sound. Sea level rises will result in higher water levels in the sound as well as the lower Neuse River. Since flooding in this area is predominantly wind driven; the higher water levels will cause an increase in both the frequency and depth of flooding unless mitigation measures are implemented. Typically wind driven waters from the river back up across Hodges Street at the mouth of Raccoon Creek flooding approximately 40 acres of the town (see Project Location Map, Exhibit A). This project will evaluate the feasibility of raising the grade of Hodges Street to create a dyke and installing backwater valves to prevent tidal water from backing up through the culverts. The study will also evaluate improvements needed to the existing in line ponds on Raccoon Creek to achieve nutrient reduction prior to discharge to the Neuse River.
- B. **Describe how this project is related to resilience:** The project will determine and quantify improvements needed to wind driven flooding within the project area. Currently frequent shallow flooding is an impediment to daily activities and quality of life for residents and businesses in the area.
- C. **List Project Objectives:** The project objectives are:
- a. Develop a conceptual plan for construction improvements needed to reduce frequency and depth of flooding within the project area. The plan will include recommendations for nutrient reduction BMP's.
 - b. Prepare cost estimates for proposed improvements.
 - c. Identify funding sources for proposed improvements.
- D. **Expected Project Product(s):** The project deliverable will be and engineering report which will include:
- a. Detailed analysis of current situation.

- b. Discussion of expected impacts of expected sea-level rise over the next 30 years if nothing is done.
 - c. A conceptual plan for reduction and mitigation wind driven flooding.
 - d. Recommendations for nutrient reduction.
 - e. Cost estimates for proposed improvements.
 - f. Identification of possible funding sources.
- E. Pre-Project Tasks: No pre-project tasks are needed for this project.
- F. Do you Need Local Government Approval? YES NO If your grant application must be reviewed and approved by the local governing board at a duly advertised public hearing or meeting, please indicate that. You will need to provide a memorandum resolution, or a copy of the meeting minutes indicating the board's action on the application.
- a. If your grant application needs local government approval, please provide a date and time for when your local government will meet to deliberate the project. 6/28/17
- G. Is this project reflected in any other policy documents or ordinances?
YES NO If so, attach a brief description of the document or ordinance and a statement of the extent to which the project implements goals of the documents or ordinance.
CAMA Land Use Plan – The project, if constructed, will implement water quality goals by reducing the impact of storm water runoff and by reduction of nutrients in storm water runoff which will improve the quality of public trust waters.
- H. Will the project require local adoption by the elected officials in order to be implemented?
YES NO
- I. Proposed Additional Funding Sources and Cost Assumptions:
If additional funds are needed to complete the proposed project beyond the amount requested from the RENA grant, provide a detailed narrative describing the funding source and indicating whether those funds have been applied for or secured.

FINAL APPLICATION

N. C. Division of Coastal Management

2017-18

J. Proposed Summary Budget

	Grant Assistance Requested	Other Grant Assistance	TOTAL
Subcontract Costs:			
	\$	\$	\$
Subtotal	\$	\$	\$
Consultant Fees:			
<i>Field Topographic Survey</i>	\$4,000	\$	\$\$\$4,000
<i>Engineering Report</i>	\$10,500		\$10,500
Subtotal	\$14,500	\$	\$14,500
Printing:			
	\$200	\$	\$200
Subtotal	\$200	\$	\$200
Materials:			
	\$	\$	\$
Subtotal	\$	\$	\$
Travel:			
	\$300	\$	\$300
Subtotal	\$300	\$	\$300
TOTAL BUDGET	\$15,000	\$	\$15,000

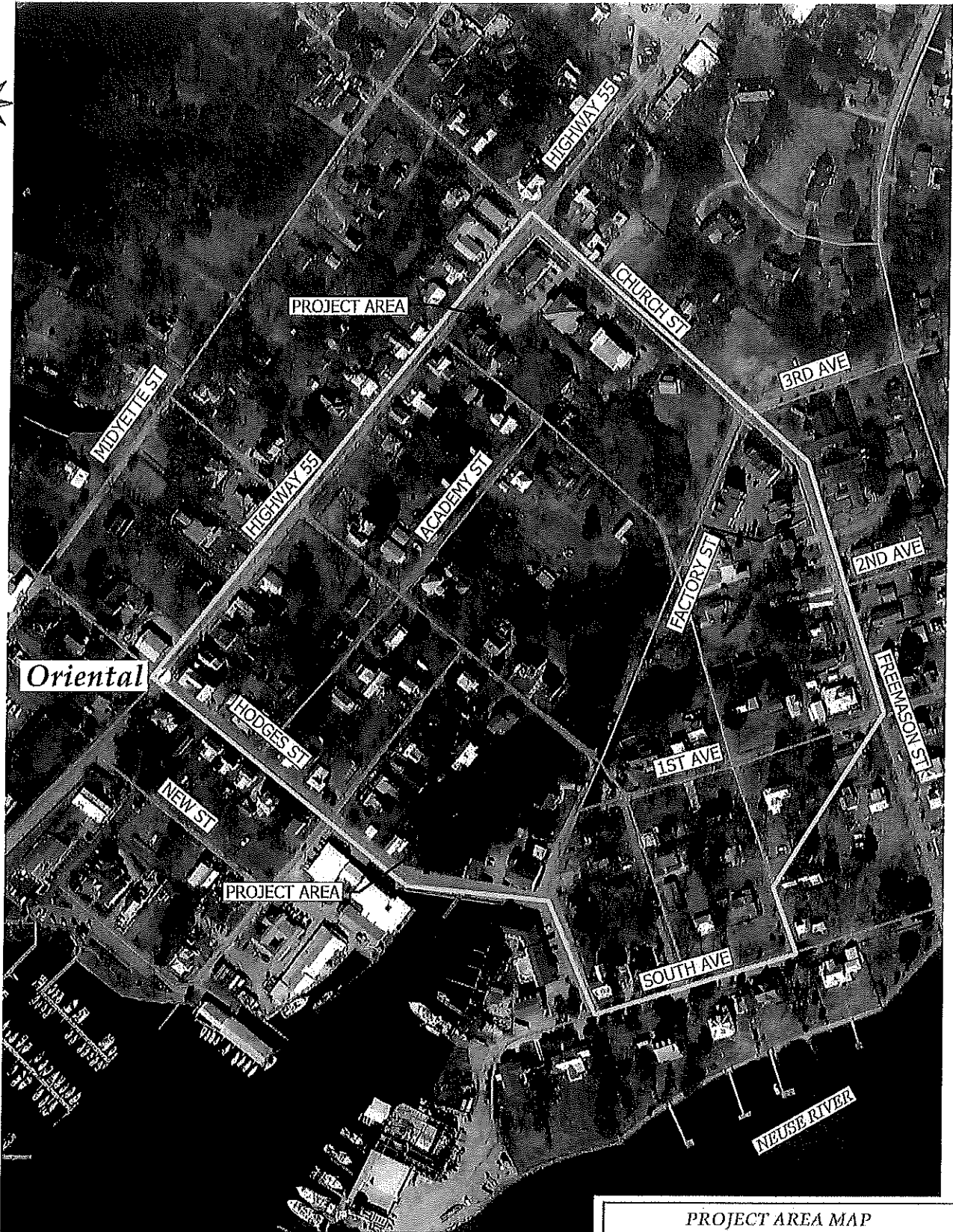
K. Proposed Budget: If available, attach a detailed breakdown of the cost assumptions upon which the Summary Budget is based. Proposals that include this information increase their likelihood of funding.

FINAL APPLICATION

N. C. Division of Coastal Management

2017-18

<p style="text-align: center;">% of total work to be completed</p> <p style="text-align: center;">50%</p> <hr/> <p>Grant funds to be spent: \$7,500</p> <p>Additional funds to be spent: _____</p>	<p>Period 2— Schedule of Tasks:</p> <ol style="list-style-type: none">1. Storm water BMP analysis for nutrient reduction.2. Cost estimates.3. Final Report.
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PROJECT AREA MAP
RACON CREEK
FLOOD ABATEMENT
SCALE: 1"=300'
EXHIBIT A