

**Stafford County**  
**Board of Supervisors Meeting**  
**Agenda Item Report**  
**Meeting Date: February 19, 2019**  
**CONSENT AGENDA**

**Subject:**

PUBLIC WORKS (Code Review & Inspection); AUTHORIZE THE COUNTY ADMINISTRATOR TO SUBMIT A GRANT APPLICATION ON BEHALF OF THE AQUIA HARBOUR PROPERTY OWNERS ASSOCIATION.

Proposed Resolution R19-61

**BACKGROUND SUMMARY:** Authorizes Grant Application.

**Recommended Action:**

Approve proposed Resolution R19-61, which authorizes the County Administrator to submit a grant application to VA Port Authority on behalf of the Aquia Harbour Property Owners Association.

**Committee/Commission Recommendation:**

At its February 5, 2019 meeting, the Community & Economic Development Committee, unanimously endorsed authorization to submit a grant application and recommended that it be sent to the full Board for approval.

**Fiscal Impact:**

N/A

**District:**

Aquia/Griffis-Widewater

**Overview:**

The Aquia Harbour Property Owners Association is seeking financial assistance for engineering services necessary for the next planned cycle of maintenance/dredging of Aquia Creek. The VA Port Authority offers financial assistance to localities through the VA Waterway Maintenance Grant Fund.

**Discussion/Analysis:**

The Aquia Harbour Property Owners Association has been conducting dredging work in various portions of Aquia Creek since 1992. The most recent work was done in 2016/2017 removing 20,000 cubic yards from six areas at a cost of \$537,122 for dredging and \$120,000 for soils removal. An engineering services contract (estimated cost \$80,000) is necessary to update previous work and to renew, extend or otherwise apply for all necessary local, state and federal permits for the next planned cycle of maintenance dredging.

With the proposed dredging, Aquia Creek water depths would be improved to 5'-8' depths. This work presents significant benefits to recreational and fishing watercrafts in the area and other boaters coming upstream and downstream of the dredged area.

**Attachments:**

1. Attachment 1 - Proposed Resolution R19-61
2. Attachment 2 - VA Port Application
3. Attachment 3 - Dredging Locations Map

**Summary/Conclusion:**

Proposed Resolution R19-61 authorizes the County Administrator to submit a grant application on behalf of Aquia Harbour Property Owners Association.

**Reviewed By:**

Rhyseda McClendon, County Attorney (Legal Review Only)  
Thomas C. Foley, County Administrator

R19-61

BOARD OF SUPERVISORS  
COUNTY OF STAFFORD  
STAFFORD, VIRGINIA

RESOLUTION

At a regular meeting of the Stafford County Board of Supervisors (the Board) held in the Board Chambers, George L. Gordon, Jr., Government Center, Stafford, Virginia, on the 19<sup>th</sup> day of February, 2019:

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MEMBERS:

- Gary F. Snellings, Chairman
- L. Mark Dudenhefer, Vice Chairman
- Meg Bohmke
- Jack R. Cavalier
- Thomas C. Coen
- Wendy E. Maurer
- Cindy C. Shelton

VOTE:

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On motion of, seconded by, which carried by a vote of to, the following was adopted:

A RESOLUTION AUTHORIZING THE COUNTY ADMINISTRATOR TO APPLY FOR GRANT FUNDING FROM THE VIRGINIA PORT AUTHORITY ON BEHALF OF AQUIA HARBOUR PROPERTY OWNERS' ASSOCIATION

WHEREAS, in May 2018, the Virginia General Assembly established the Virginia Waterway Maintenance Fund (Fund) for the purpose of supporting dredging and other projects approved by the Virginia Port Authority (VPA) throughout the Commonwealth pursuant to Virginia Code §§ 62.1-132.3:3 and 62.1-132.3:4; and

WHEREAS, the VPA has established the Virginia Port Authority Policy on Grants to Local Governments for Financial Assistance for Dredging Activities to guide the application, allocation and distribution of grants from the Fund; and

WHEREAS, the Aquia Harbour Property Owners' Association (AHPOA) has requested assistance and support from the Board to submit an application to the VPA requesting \$80,000 in grant funds for engineering services in preparation for the next planned cycle of maintenance dredging in Aquia Creek; and

WHEREAS, the AHPOA has a strong history of planning, funding and executing maintenance dredging activities in Aquia Creek since 1992 and, during 2016-2017, completed the removal of 20,000 cubic yards of dredge material and spoils removal at a cost of \$657,122; and

WHEREAS, a professional engineering firm will be engaged to assist in obtaining all required local, state and federal permits, performing bathymetric surveys and volume analysis, preparing dredging and spoils disposal plans, and conducting post-dredging surveying and reporting; and

WHEREAS, the Board desires to support the AHPOA in the grant application process;

NOW, THEREFORE, BE IT RESOLVED by the Stafford County Board of Supervisors on this the 19<sup>th</sup> day of February, 2019, that the County Administrator, or his designee, be and he hereby is authorized to apply, on behalf of the Aquia Harbour Property Owners' Association (AHPOA), to the Virginia Port Authority for funding from the Virginia Waterway Maintenance Fund in an amount not to exceed Eighty Thousand Dollars (\$80,000) to be used by the AHPOA to retain the services of a qualified engineer to assist it with providing engineering services in preparation for the next cycle of maintenance dredging in Aquia Creek.

TFC:tlf:cab

**Aquia Harbour Dredging  
VA Port Authority Application  
02/08/19**

**Project Name:** Aquia Harbour Dredging – Engineering Services

**Project Address:** Aquia Harbour Marina

**Project Locations:** Aquia Creek – 1) Aquia Bridge, 2) John Paul Jones, 3) Crown Manor, 4) Foresail Cove, 5) Channel Cove, 6) Austin Run

**Contact Information:**

Patricia S. Harman, CMCA  
General Manager  
Aquia Harbour POA  
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Stafford, VA 22554  
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[gm@aquiaharbour.org](mailto:gm@aquiaharbour.org)

Trenton L. Funkhouser, AICP  
Assistant Director for Code Review and Inspections  
Stafford County Public Works Department  
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**Project Summary:**

The Aquia Harbour Property Owners' Association (AHPOA) is preparing for its next cycle of maintenance dredging in six locations along Aquia Creek. Current VPA Funding assistance request for Engineering Services. VPA Funding Assistance Request planned for 2020 for dredging costs.

**Need and Urgency:**

The AHPOA Marina has 92 slips and boat ramp serving the 2,344 homes and 9,000 people of the community. Upstream development activities, poorly maintained or non-existent shoreline protection structures and natural erosion all contribute to siltation and sedimentation of various portions of Aquia Creek west of the Potomac River. Many portions of the AHPOA Marina and reaches of Aquia Creek have far less than the desired 5-8 feet depths necessary for motorized watercraft. At low tide, the AHPOA Marina experiences bottom exposure adjacent to many slips. Aquia Creek is used by many people other than the residents of the Aquia Harbour community and adequate navigable depths are critical to the continued vitality of the creek for recreational and fishing purposes.

**Feasibility:**

The AHPOA has planned, designed, funded and executed similar dredging activities since 1992. The proposed work is consistent with historical work and will follow up on 2016-17 activities that removed 20,000 cubic yards of material in six locations of Aquia Creek. The AHPOA has provided funding for previous work, such work in 2016-17 cost

\$657,122 for dredging and spoils disposal and the AHPOA has committed funds towards the next planned cycle of maintenance dredging, but is pursuing other contributing funds as such work will benefit other users of this portion of Aquia Creek.

**Permit Status and Project Management:**

A professional engineering firm will be [re-]engaged and be responsible for renewing or applying for all necessary local, state and federal permits. Such renewal or application will be based on most recent permits obtained for the 2016-17 dredging activities performed by the AHPOA. Both the consulting engineer, County of Stafford and the AHPOA have extensive experience in working with regulatory agencies and anticipate no significant difficulties in obtaining the necessary permits for dredging activities, spoils dewatering and spoils disposal.

**VPA Funding Request:** \$80,000

**Project Schedule:**

03/01/19	VPA Grant Application and Receipt of Consultant Scope of Work and Fee Proposal
04/01/19 – 05/01/19	VPA Notice of Awards and Approval of VPA/Applicant MOU
05/01/19 – 12/01/19	Consultant completion of portion of Scope of Services necessary to submit Applications for new or extension of existing local, state and federal permits

### Aquia Harbour Dredge Locations

