



REPLY TO  
ATTENTION OF

**DEPARTMENT OF THE ARMY**  
PHILADELPHIA DISTRICT, CORPS OF ENGINEERS  
WANAMAKER BUILDING, 100 PENN SQUARE EAST  
PHILADELPHIA, PENNSYLVANIA 19107-3391

CENAP-OP

September 6, 2018

**SUBJECT: Water Quality Certificate**

Mr. Elder Ghigiarelli, Jr.  
Deputy Program Manager  
Wetlands and Waterways Program  
Water and Science Administration  
Maryland Department of the Environment  
1800 Washington Boulevard, Suite 430  
Baltimore, Maryland 21230-1708

Dear Mr. Ghigiarelli:

This is a request for issuance of a Water Quality Certificate for proposed maintenance dredging of the Chesapeake and Delaware Canal and its approach channel during the period of April 1, 2019 to April 1, 2020. Maintenance dredging will be completed in order to maintain the authorized 35-foot project depth. The Philadelphia District expects to place dredged material in the Pearce Creek Dredge Material Containment Facility (DMCF).

Based on past experience, the following quantities will be dredged for maintenance dredging of this project. All material will be placed in the Pearce Creek DMCF utilizing one of the following types of dredges: bucket dredge with off-loader, hopper or hydraulic pipeline dredges.

- a. Pooles Island to Sassafras River- approximately 700,000 Cubic Yards of material.
- b. Sassafras River to Courthouse Point- approximately 600,000 Cubic Yards of material.
- c. Courthouse Point to Maryland State line within Canal- approximately 200,000 Cubic Yards of material.

If you have any questions or need clarification, please contact my Project Manager, Mr. Gavin L. Kaiser, P.E. at (215) 656-6735.

Sincerely,

A handwritten signature in blue ink, appearing to read "Michael Landis".

Michael Landis  
Chief, Operations Division