



DEPARTMENT OF THE ARMY
PHILADELPHIA DISTRICT, CORPS OF ENGINEERS
WANAMAKER BUILDING, 100 PENN SQUARE EAST
PHILADELPHIA, PENNSYLVANIA 19107-3390

RECEIVED

JUL 03 2014

TIDAL WETLANDS DIVISION
WATER MANAGEMENT ADMIN., MDE

CENAP-OP

SUBJECT: Water Quality Certificate

JUL 01 2014

Mr. Elder Ghigiarelli, Jr.
Water Management Administration
Maryland Department of the Environment
1800 Washington Boulevard
Baltimore, Maryland 21230-1708

Dear Mr Ghigiarelli:

This is a request for the issuance of a Water Quality Certificate for proposed maintenance dredging of the Chesapeake and Delaware Canal and its approach channel during the periods of October 1st through March 31st for calendar years 2015-2016. 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 Confined Disposal Facility (CDF) following the installation of Linear Low Density Polyethylene (LLDP) liner. Following installation of the liner, Pearce Creek CDF will have approximately five million cubic yards (CY) of available capacity. Also, please note that during installation of the liner the sluice box will be relocated with discharge of water directly to the Elk River and not into Pearce Creek.

Plans and design narratives for the installation of the LLDP liner have been sent to Mr. Jay Sakai under separate cover.

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 CDA 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 500,000 CY of material.
- b. Sassafras River to Courthouse Point - approximately 600,000 CY of material.
- c. Courthouse Point to Maryland State line within Canal - approximately 200,000 CY of material.

If you have any questions or need clarification, please contact Mr. Timothy J. Kelly, P.E. of my office, at (215)656-6878.

Sincerely,

Anthony J. DePasquale, P.E.
Chief, Operations Division

Copies Furnished:

**Mr. Jay Sakai, Director
Water Management Administration
Maryland Department of the Environment
1800 Washington Boulevard
Baltimore, Maryland 21230**

**Dave Blazer
Dredged Material Management Program
Maryland Port Administration
World Trade Center
401 E. Pratt Street - Suite 1900
Baltimore, MD 21202**