DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
BASE REALIGNMENT AND CLOSURE
PROGRAM MANAGEMENT OFFICE EAST
4911 SOUTH BROAD STREET
PHILADELPHIA, PA 19112-1303

5000-45A
Ser BPMOE.rk/082
March 17, 2025

Mr. Herman Nichols, Chair
Board of Trustees
Mid-coast Regional Redevelopment Authority (MRRA)
15 Terminal Rd, Suite 200
Brunswick, ME 04011

Dear Mr. Nichols,

Subject: GROUND WATER MODELING AT BRUNSWICK LANDING

The Navy BRAC Program Management Office (PMO) is in receipt of the Board of Trustees request for the Navy to develop a hydrogeological groundwater model at the former Brunswick Naval Air Station (BNAS). The express purpose of this model is for (1) assessment of groundwater flow patterns, (2) investigation of contaminant pathways, (3) simulation of future contamination scenarios, and (4) integration with remediation strategies.

As you may know from previous correspondence, we are deeply engaged in a Basewide Remedial Investigation (RI) to further assess the nature and extent of per- and polyfluoroalkyl substances (PFAS) in various media so that we can develop a systematic and prioritized approach to addressing the impacts of legacy aqueous film forming foam (AFFF) releases. A clear priority of the Navy in this process is to implement optimum, cost-effective cleanup response actions that meet applicable regulatory requirements and protect human health and the environment. This is evidenced by Navy accepting the responsibility for PFAS migration from Navy sources and funding a PFAS treatment system at the Jordan Avenue Wellfield public water supply plant.

We have previously developed ground water flow models (2009) for Sites 1 and 3 and the Eastern Plume to assist and confirm our understanding of the fate and transport of contaminants along the area in the southeastern region of the former BNAS. While a model can be helpful in certain scenarios, it cannot be a substitute for actual data collection and analysis. Indeed, this is necessary to help confirm any model predictions and to help define boundary conditions and numerous other critical input parameters for a viable model. At this time, the Navy is prioritizing its effort and funding on collecting actual data and using our existing understanding of the site hydrogeology to guide future investigative requirements that may be a result of legacy releases.

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If you have any immediate concerns or questions, please do not hesitate to contact us.

Sincerely,

W. Rachelle Knight

Digitally signed by W. Rachelle Knight
Date: 2025.03.17 12:13:53 -04'00'

W. RACHELLE KNIGHT
BRAC Environmental Coordinator
By direction of the Director

Copy to:
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