

Congress of the United States
House of Representatives

July 25, 2022

Patrick O'Brien, Director
Office of Local Government Defense Community Cooperation
2231 Crystal Drive, Suite 250
Arlington, VA 22202

Re: Defense Community Infrastructure Pilot Program | OLDCC-22-F-0002
Applicant: City of Boiling Spring Lakes (North Carolina)

Dear Director O'Brien:

I am writing in support of the application submitted by the City of Boiling Spring Lakes for funding through the Defense Community Infrastructure Pilot Program.

The City of Boiling Spring Lakes requests funding to restore and upgrade the dams to meet North Carolina State dam safety codes and ensure their resilience to future disasters. This grant will support the City of Boiling Spring Lakes by re-establishing the impounded lakes upstream of the BSL-owned dams breached by Hurricane Florence.

The Sanford dam will need to have installed a cutoff wall for the length for the dam, upgrading the riser structure and cast-in-place (CIP) concrete box culvert to replace the existing undersized spillway. In addition, the embankment at the location of the breach and partially scoured area needs to be rebuilt, while installing mix-in-place (MIP) panels along the upstream and downstream toes of the embankment to mitigate the potential for cyclic liquefaction. At both the North Lake Dam and Pine Lake Dam, the existing bottom metal culverts will need to be removed because they are not compliant with current codes and standards, and high riser structures will need to be installed along with CIP box culverts with seepage controls.

At Pine Lake Dam, specifically, the existing bottom metal culverts will need to be removed and have a riser structure installed to provide a 14 feet long weir drainage into one CIP box culvert (5ft span x 4ft rise), with seepage controls adjacent to the embankment. Lastly, at Upper Lake Dam, the existing undersized spillway will need to be replaced with a riser structure and CIP box culverts with seepage controls. In addition, the embankment will need to be rebuilt at the breach.

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These are incredibly important repairs that must be made as result of severe damage done to these dams by Hurricane Florence in 2018. This community has suffered greatly since that time because of the damage done. Special thanks in advance for giving the application of City of Boiling Springs Lake appropriate and thorough consideration. Should you have any questions or need additional information, please contact Katie Smith in my office by phone at (919) 938-3040 or by email at Katie.Smith@mail.house.gov.

Sincerely,

