

04 February 2022

Kate Betsill
Safe Dams Program
Georgia Department of Natural Resources
2 Martin Luther King, Jr. Drive
Atlanta, Georgia 30334
404-463-1511

Subject: Emergency Action Plan for Petit Lake Dam, Revision 4
Pickens County
Permit #112-009-0462

Dear Mrs. Betsill:

Big Canoe Property Owner's Association (POA) and its consultant Geosyntec Consultants, Inc. (Geosyntec) received your comments on the Emergency Action Plan (EAP) for Petit Lake Dam in your letter dated 07 January 2022. This letter is our response within the 30-day period of the aforementioned comment letter, as requested.

In response to your comment regarding the discrepancy in the lake volume, the owner has elected to conduct a bathymetric survey of the lake to determine the volume. The lake volume determined from the survey will be discussed with SDP prior to additional dam breach modeling. As a result, subsequent steps to further update the modeling and the EAP, as outlined below, will be required should the volume be different than what was originally used:

- Procure, conduct, and receive certified data from the bathymetric survey (eight weeks);
- Update inundation model and calculations with new lake volume (four weeks);
- Coordinate with Pickens County EMA on mapped structures within new inundation area (eight weeks); and
- Revise the EAP and submit it to the Safe Dams Program (SDP) for review (four weeks).

We are planning to send the revised version of the EAP, as well as responses to each of the comments in your letter, to SDP in PDF format within approximately 6 months of the date of this letter.

Kate Betsill
Petit Lake Dam EAP
04 February 2022
Page 2

On behalf of Big Canoe POA, Geosyntec thanks you for your review and comments, and we look forward to working with you to finalize this EAP. Please contact the undersigned, at (423) 385-2312, if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Wesley MacDonald". The signature is written in a cursive, flowing style.

Wesley MacDonald, P.E.
Senior Engineer

cc: Big Canoe Property Owner's Association
Jamey Dotson, P.E., Geosyntec Consultants