

## Memorandum

Date: 13 September 2023  
To: David Griffin, P.E., Georgia Safe Dams Program (GSDP)  
From: Wesley MacDonald, P.E., Geosyntec Consultants (Geosyntec)  
Subject: Lake Petit Dam Design Review Meeting: Meeting Minutes – Revision 1

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### Location/Date/Time:

Teleconference / 23 August 2023 / 10:00 am ET

### Attendees:

*Georgia Safe Dams Program (GSDP):*

David Griffin, P.E. and Kate Betsill

*Big Canoe Property Owners Association (POA):*

Scott Auer and Lydell Mack

*Geosyntec Consultants (Geosyntec):*

Wesley MacDonald, P.E., Conrad Ginther, P.E., and Jamey Dotson, P.E.

### Meeting Highlights:

This meeting was held to review the GSDP comments from their letter dated 10 August 2023 on the Drain Modification Permit Application for Lake Petit Dam (Dam) and to provide an update on the improvements for the Low-Level Outlet (LLO). Highlights from the meeting are detailed below:

Geosyntec reviewed the comments received from GSDP and provided clarification and general responses to each comment. The GSDP provided clarification of the comments; official responses will be reviewed by GSDP when they are submitted in writing. The GSDP stated that due to the lack of expertise with seismic stability analysis at GSDP, they are seeking outside review of the seismic stability analysis portion of the Permit Package. GSDP stated that they do not have a firm timeline for the completion of this review but hope to have a contracting mechanism in place and an independent reviewer selected in the coming weeks. GSDP will submit the independent reviewer's comments upon completion of the review. GSDP clarified that responses to comments from the letter dated 10 August 2023 will need to be submitted 30 days after receipt of the seismic stability analysis comments. GSDP indicated that they would provide an update once the review timeline has been established.

Geosyntec reviewed potential solutions for the LLO with GSDP, including replacing the cracked stem guides on the upstream stem and installing a new drainage conduit in the left abutment. The latter option would consist of a pressurized drainpipe with downstream flow control to simplify maintenance.

GSDP provided insights on which approaches would be suitable to develop further. In addition, Geosyntec asked for clarification of the regulations pertaining to the testing of the LLO. GSDP will look into this further and provide Geosyntec with a response.