

Caller Name: Wes MacDonald

Date: 5/1/2023

Representing: Geosyntec

Phone Number: 423-385-2312

Dam Name: Lake Petit Dam

Dam ID: 112-009-00462

Classification: Cat. I

County: Pickens

Employee
Handling Call: David Griffin

Subject/Issue(s) Discussed: Mr. MacDonald called 2 times to discuss the low-level outlet test which is currently in the process of being performed as outlined below:

On April 28, 2023, Mr. MacDonald called to give an update on the low-level outlet test. He indicated that the low-level gate had been cracked open to allow pressure to develop on the plug to verify it was installed properly. While they were cracking open the gate, it appeared that some of the stem guides for the low-level gate moved. After the pressure equalized behind the plug, divers were sent down to verify that the gate had been cracked open and to inspect the stem guides. As such, the full test of the low-level drain would not be occurring today or over the weekend. While Mr. MacDonald felt confident that the gate would open completely, the failure of some of the stem guides, which constrain the stem during closing, may prevent the gate from being closed properly.

On May 1, 2023, Mr. MacDonald called again to discuss the testing status. He stated that the plug continues to hold with no apparent issues. During diving inspections over the weekend, it was determined that enough of the stem guides were moving that they did not perform the full open and close test. Geosyntec has reached out to the gate manufacturer to determine how long it will take to acquire replacement stem guides, while also looking at the cost of replacing the entire gate system, since they will already have underwater construction contractors on-site. In the meantime, Geosyntec is having the diving contractor close the gate completely for the time being. Mr. MacDonald stated he would provide us the decision that the POA makes concerning installation of the stem guides vs. full gate replacement once it has been made. It is anticipated that this decision will be made in the next week or so pending final numbers from the gate supplier. I informed Mr. MacDonald that at that time we would discuss if the plug could be left in place or if it should be removed.

Action Taken: None.

Written Follow-up: Yes No

Elaborate on Follow-up