


# Inspection Report

Manager Review: 

Date of Inspection: 2/3/2021

Name of Dam: Lake Petit Dam

County: Pickens

ID#: 112-009-00462

Weather: clear, mid 40s

Inspected by: Rachel Cochran and Bobby Sauer

Type of Inspection: X QA        Construction        Other

Persons Contacted: none

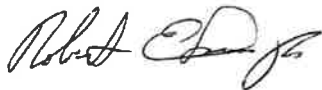
Toe Drains Right: flowing clear, but cannot be measured

Toe Drains Left: flowing clear, but cannot be measured

Additional Drains: green pipe to right of low-level outfall is dry

## Remarks:

1. The lake is approximately one inch above normal pool.
2. Seepage and a change in vegetation is seen on the lower half of the downstream slope.
3. Multiple deteriorated black corrugated plastic pipes are observed on the downstream slope. Some are discharging into the lower concrete ditch.
4. Seepage is seen in the lower concrete ditch and on the lower left abutment.
5. The low-level outfall, located below the embankment, is flowing.
6. The toe drains to the right of the low-level outfall cannot be measured. They are deteriorated CMP material, partially clogged, and partially submerged. They are flowing clear. The green pipe in this vicinity is accessible but not flowing. Additionally, seepage is emanating from behind the left wingwall, the location of another old CMP drainpipe. This drainpipe is no longer visible though.
7. At the principal spillway chute, voidspace is noted behind the left wingwall at the base of the chute. Voidspace is also seen in other spots behind the spillway wall on the left side of the chute.
8. Bare spots are observed on the upstream slope.
9. Portions of riprap appear displaced down the upstream slope, into the water. Wave-action erosion is also apparent.



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Lead Inspector

Lake Petit Dam  
Pickens County  
Pictures taken on February 3, 2021



seepage flowing in ditch in lower downstream slope



deteriorated black corrugated pipes draining into lower ditch



apparent seepage and soft ground on lower downstream slope



seepage on lower left abutment



bare spots on lower downstream slope



seepage into lower ditch



Lake Petit Dam  
Pickens County  
Pictures taken on February 3, 2021



flow from low-level outlet, looking downstream at low-level outfall



voidspace behind left wall along principal spillway



seepage from voidspace behind left wall at low-level outfall



bare area on upstream slope



principal spillway plunge pool; notice voidspace behind left wall



riprap displaced down upstream slope; wave-action erosion apparent