

## May 2021 Dam Report:

DEP reviewed pipe repair recommendations from Kiley Assoc. The dam must meet current design criteria. DEP requires the repair to be a slip lining of the pipe. DEP requires the following to be done prior to further review.

1. A hydrologic study needs to be done to determine if spillway PMF (peak maximum flood) still meets standards of (50-100%)
2. Structural review of spillway is required.
3. Structural review of weir walls.

Joe will work up a budget proposal for hydro study and structural engineer inspection and report.

Postponement of rip-rap repair due the requirement of needing a structural engineer to inspect and report on the spillway and weir walls.

## PFR (proof of financial responsibility)

1. Required prior to any permits issued.
  - Private dam financial assurance program
  - Letter of credit
2. Joe will be sending me contact info for individual at DEP to assist me with questions.
3. Will need to know lake reserve.

## Tree work

- Removal of pines at toe as per multiple annual inspection reports
- Removal of dead trees
- Elevation pruning
- Possible removals to facilitate slip lining. Will consult with Joe on this.
- I will get three proposals.

## Repair thinning turf - soil/seed as per annual inspection

- Deferred pending pipe repair.

## Self inspection

- Dec was visual only.
- April I did thorough inspection minus exercising valve. Have not done formal report for records yet.

## Weed control on dam.

- Has this been incorporated into Aqua Link spec? Carol was checking on this.
- Add additional trim work to Keystone contract?
  - Ferns growing through rocks at outlet pipe.
  - Mow further down toe by West Shore gate to manage sweet fern, or periodic trimming only.
  - Dam and spillway, as needed or part of regular routine.