

KENTUCKY DAM INSPECTION CRITERIA FOR ASSIGNING A CONDITION ASSESSMENT EFFECTIVE NOVEMBER 1, 2015

The following guidelines have been established for Kentucky to meet the requirement of assigning appropriate condition assessments to existing dam structures. These criteria reflect how the State of Kentucky regulates dams in accordance with applicable statutes and regulations.

SATISFACTORY

- Dam has no deficiencies beyond minor maintenance items such as minor brush growth or saplings, small eroded/bare areas, small areas of non-structural deterioration to concrete, metal or timber components, debris in the outlets, or similar.
- Dam has no known structural issues.
- Dam may have seepage/leakage issues, provided that they are longstanding, previously evaluated and deemed to be static or not presenting a stability issue.
- Dam meets design storm event standard for its classification.

FAIR

- Dam has maintenance deficiencies beyond the minor ones allowable for “Satisfactory” dams, but these deficiencies are non-structural and do not affect the safe operation of the dam.
- Dam has no known structural issues.
- Dam may have seepage/leakage issues that, though not deemed an immediate threat to the stability of the dam, have not been adequately investigated, evaluated or addressed.
- Dam meets at least 90% of its design storm event standard for its classification.

POOR

- Dam has multiple maintenance deficiencies that can affect the safe operation of the dam, some of which may be structural or need further evaluation by a qualified engineer.
- Dam may have structural issues.
- Dam may have significant seepage/leakage issues that need to be addressed.
- Conditions are not bad enough to warrant a lowering of the reservoir.

UNSATISFACTORY

- Dam is unsafe. A dam safety deficiency exists that requires prompt remedial action for problem resolution. Reservoir restrictions may be necessary.

NOT RATED

- No condition assessment of the dam has been completed.
- Inadequate information exists to make a condition assessment determination.
- Additional information concerning the condition of the dam is forthcoming from the dam owner.