

DAM CLASSIFICATION OR RECLASSIFICATION FOR ALABAMA

WATERSHED _____ **SITE NO.** _____ **COUNTY** _____ **JOB CLASS** _____

SITE STATUS AND HAZARD CLASS: Planning _____ Design _____

Date Dam Completed: _____ Current Hazard Class _____

Classified by _____ Title _____ Date _____

(Engineer having design approval authority for job class) _____

Drainage Area _____ sq.mi. Seismic Zone _____ Approx. Dam Height _____ ft.

General Setting of Location _____

Purpose of Storage _____ Total Storage _____ ac.ft.

Flood Storage _____ ac.ft. Other Storage _____ ac.ft.

Single Site _____ Upper in series _____ Lower in series _____ Intermediate in series _____

Cover Type in Drainage Area _____

Basic Geological Data _____

Configuration of Valley (Attach a flood plain map) _____

Degree of Expected Maintenance is _____

Specific Safety Laws and/or Needs _____

DESCRIBE EXISTING CONDITIONS DOWNSTREAM AND POTENTIAL FOR FUTURE DEVELOPMENT

(Potential loss to human life and/or property damage)

Agricultural Land _____

Industrial and Commercial Land _____

Roads and Highways _____

Railroads _____

Farm Buildings _____

Commercial Buildings _____

Homes _____

Public Utilities _____

Lakes, Ponds, Lagoons _____

Potential for Development _____

Other _____

Relative Risk Assessment $R_r = O_t + S_t =$ _____ + _____ = _____

Overtopping Failure Score (O_t) = $O_1 \times O_2 \times O_3 =$ _____ X _____ X _____ = _____

Structure Failure Score $S_t = S_1 \times S_2 \times S_3 =$ _____ X _____ X _____ = _____

Was a breach study made: _____ If so, attach the inundation map.

CONCUR: STATE CONSERVATION ENGINEER _____ DATE _____

(All Jobs)

