**Section 654.201 Surface Water Quantity**

a) Determination of surface water source adequacy shall be based on:

1) catchment areas, stream flows and weather records;

2) safe yield;

3) maximum flood flows;

4) required water releases; and

5) evaporation, seepage and siltation losses.

b) Calculations shall be based on the extreme drought of record, available records of rainfall, consumption maximums and include a surplus for reasonable growth.