

### **3. Debris Flow**

Water tanks, reservoirs, canal facilities, and structures to be occupied by humans shall not be placed in an area subject to flows unless it is protected by a deflection berm or catchment basin which does not discharge onto a neighboring lot and which is engineered to prevent the entry of a flow having a one percent chance of occurrence in any calendar year as determined by the Natural Hazards Assessment; or the structure is engineered to resist entry at any point in the path of the flow up to an equivalent fluid pressure load of 19,640 N/m . 3