TYPICAL DAM CONFIGURATION

**CROSS-SECTION VIEW**

- Maximum Reservoir Level (Maximum Storage Capacity)
- Top of Dam
- Lowest Open Spillway Overflow
- Original Ground
- Principal Spillway Intake Structure (Riser)
- Principal Spillway Conduit
- Gated Drawdown (Usually Closed)

**PROFILE VIEW**

- Maximum Reservoir Level (Maximum Storage Capacity)
- Top of Dam
- Lowest Open Spillway Overflow
- Emergency Spillway
- Principal Spillway Intake Structure (Riser)
- Principal Spillway Conduit
- Original Ground

**APPROVAL OF A DAM BY DNR IS REQUIRED WHEN ANY OF THE FOLLOWING ARE TRUE:**

1. The Dam Height is 25 feet or more.
2. The Maximum Storage Capacity below the top of the dam is 50 acre-feet or more.

**A WATER STORAGE PERMIT IS REQUIRED WHEN ANY OF THE FOLLOWING IS TRUE:**

1. The Normal Storage Capacity is 15 acre-feet or more.
2. Water is to be pumped out or released from the reservoir for irrigation.
3. Water is pumped or diverted into an off-channel reservoir (regardless of the size or storage capacity of the dam).