

APPLICATION FOR A DAM NOT REQUIRING
SUBMISSION OF FORMAL PLANS
UNDER SECTION 73-5A-202
STATE OF UTAH

Received / / Entered / / Application No - -

The following application is submitted pursuant to Section 73-5a-204

1. APPLICANT INFORMATION

Name(s): Telephone:
Address:
City: State: Zip Code:

2. PURPOSE OF RESERVOIR

Stock Pond Flood Control Recreation
Irrigation Debris Basin Fishery
Regulating Reservoir Sedimentation Wildlife
Diversion Dam Evaporation Tailings
Other (describe)

3. LEGAL LOCATION OF DAM

County Quarter/Quarter Section
Township Range Base & Meridian

4A. FOR DAMS BUILT ON A NATURAL STREAM OR DRAINAGE

Name of Natural Stream or Drainage
OR Drainage Area above dam (square miles)
Distance below dam to nearest structure occupied by humans (miles)

4B. FOR DAMS BUILT OFF- CHANNEL

Source of Water (ie: well, canal, ditch, etc.)
Capacity of source to reservoir (cubic feet per second)
Distance below dam to nearest structure occupied by humans (miles)

5. DIMENSIONS OF DAM

Height (vertical) feet Length (at top) feet Width (at top) feet
Upstream Slope Horizontal on Vertical
Downstream Slope Horizontal on Vertical
Surface Area at Spillway Crest (acres) Capacity at Spillway Crest (acre-feet)
Type of Dam (ie: earthfill, concrete, masonry, rockfill, etc.)

6. LOW LEVEL OUTLET

Inside diameter of outlet (inches) Total outlet length (feet)
Type of Pipe Type of gate or valve
Location of gate or valve (ie: upstream, downstream, center, etc.)
Outlet capacity with gate open and reservoir at maximum capacity (cubic feet per second)

7. SPILLWAY

Crest Length (width of spillway) (feet) Depth (bottom of spillway to top of dam) (feet)
Type of Spillway (ie: earth channel, pipe, concrete, rock channel,
Spillway capacity with water at top of dam (cubic feet per second)
Control (i.e. gates, flashboards, etc.)

8. WATER RIGHTS

Describe: _____

9. COMMENTS

10. PLANS

The following drawings, including appropriate scales and dimensions, must be attached to the application:

- 1) A location map, such as a 7.5 minute USGS Quad Map, showing the exact location of the dam
- 2) A plan view of the dam and reservoir including the location of the spillway, outlet, and channel or supply source.
- 3) A profile of the dam along the centerline of the dam showing the natural ground, the top of the dam, and the depth to clearing, keyway bottom or cutoff trench.
- 4) A Cross Section of the dam through the outlet showing the location of the outlet and the types of materials the dam is to be constructed of.
- 5) Details of the spillway, outlet, drains, gates or valves, or other features of the dam or appurtenant structures.

The undersigned acknowledge they have read the instructions included with this application, and are aware no construction is to begin until this application has been approved by the Utah State Engineer.

_____ Date _____ Signature _____

- For Office Use Only -

Water Rights in Order By _____ Date _____

Water Right Numbers if Applicable _____

Regional Engineer's Hazard Rating (High, Moderate, Low) _____

Reviewed by Dam Safety By _____ Date _____

Estimated Breach Flow at Dam _____ (cubic feet per second)

Comments _____

_____ Date of Approval _____ State Engineer or Dam Safety Director _____