

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): _____
Address: _____
City: _____ State: _____ Zip Code: _____

2. PURPOSE OF RESERVOIR

Stock Pond _____	Regulating Res. _____	Diversion Dam _____
Irrigation _____	Debris Basin _____	Flood Control _____
Sedimentation _____	Tailings Pond _____	Recreation _____
Other (describe) _____		

3. LEGAL LOCATION OF DAM

County _____ Quarter/Quarter (i.e. NESW) _____ 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 _____ (ac-ft.)

Type of dam (i.e. 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 bottom of spillway) _____ feet Depth (from bottom of spillway to top of dam) _____ feet

Type of Spillway (i.e. 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	Jerry D. Olds, P.E. State Engineer