

Application No. DSL-EXL-11 D

R-80249

State of Oregon
WATER RESOURCES DEPARTMENT

Application for a Permit to Construct a Reservoir

Applicant(s) Division of State Lands

(Please print or type - use dark ink)

Mailing Address: 20310 Empire Ave., Suite B-1

Bend
City

OR
State

97701
Zip

(503) 388-6456
Daytime Phone No.

I (We) make application for a permit ~~to construct~~ for an existing stockwater reservoir and store the following described waters of the State of Oregon:

1. **SOURCE OF WATER** for the proposed use: unnamed ephemeral draw,
a tributary of Soldier Creek.
If not in channel of a stream, state how it is to be filled: storm water - snow melt runoff.

2. **THE DAM:** The maximum height of the structure will be 14 feet above stream bed or ground surface at the centerline.

The dam will be (check one) earthfill, concrete, flashboard, other.

If "other" give description: _____

Give the location, description, and dimensions of the outlet conduit: No outlet conduit. Dam is not in stream channel. Ephemeral draw flows infrequently, only during high intensity storm or snow melt events.

NOTE: All dams across natural stream channels must be provided with an outlet conduit, minimum diameter of 8", or be of such capacity and location as to pass the normal flow of the stream at any time.

3. **THE USE(s)** of the impounded water will be: Upland livestock water source to protect riparian habitat along Soldier Creek. Provides water for wildlife including bighorn sheep. Stores storm water.

4. **THE AMOUNT OF WATER** to be stored is: 21 acre-feet.
The area submerged by the reservoir, when filled, will be 6.8 acres,
and the maximum depth of water will be 7 feet.

5. **SPILLWAY DESCRIPTION** (location and dimensions). State whether over or around the dam. Spillway goes around right end on dam. Bottom width 12 feet. Top width 72 feet. Depth 3 feet. Length 275 feet.

6. **PROJECT SCHEDULE:** (List month and year)

Proposed date construction work will begin existing reservoir.

Proposed date construction work will be completed _____

Proposed date water use will be completed _____

NOTE: A map prepared by a Certified Water Right Examiner (CWRE) and a complete legal description of the subject property are required under ORS 537.140 and OAR 690 as a part of your application. The legal description may be copied from your deed, title insurance policy, or land sales contract.

T32S, R44E, Sec 28 NW 1/4 NW 1/4 NW 1/4
See Map B - Reservoir D

7. a) In the event any deficiencies are noted involving the application map enclosed herein, please return the map with instructions for correction to (check one):

Applicant _____ CWRE _____ Other (Identify in REMARKS section)

b) In the event any deficiencies are noted involving the application, please return the application with instructions for correction to (check one):

Applicant _____ CWRE _____ Other (Identify in REMARKS section)

8. Are all lands involved (including the proposed diversion site, place of use, and access for conveying the water) under your ownership? yes. If not, list in the REMARKS section below, or on an attached sheet, the names and mailing addresses of the legal owners of all property involved in the proposed development.

REMARKS: Existing reservoir on lands acquired through exchange with the
Bureau of Land Management.

I/We certify that the information I have provided in this application is an accurate representation of the proposed water use and is true and correct to the best of my knowledge:

Benton Lewis
Signature

12/14/94
Date

Signature

Date

NOTE: The permit, when issued, is for the beneficial use of water without waste. By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan. It is possible the land use you propose may not be allowed if it is not in keeping with the goals and acknowledged plan. Your city or county planning agency can advise you about the land-use plan in your area.

Benton Lewis
Signature of Applicant

12/14/94
Date

Signature of Co-Applicant, if any

Date

FOR WATER RESOURCES DEPARTMENT USE ONLY

Dear Applicant:

I certify that I have examined the foregoing application, together with the accompanying information, and am returning it to you for:

In order to retain its tentative priority, this application must be returned with the requested corrections or additions on or before:

_____, 19____.

WITNESS my hand this _____ day of _____, 19____.

Water Resources Director

By: _____

This instrument was first received in the office of the Water Resources Director at Salem, Oregon, on the 21st day of December, 1994, at 8 o'clock, A M.

APPLICATION NO: R-80249

STATE OF OREGON
WATER RESOURCES DEPARTMENT

DATA FOR RESERVOIR PROOFS

County Malheur

Application No. Ex 6 11-5

Map USGS Skull Creek

Permit No. Davis Land & Livestock

Location T. 32 S., R. 44 E., W.M., Section 28, NW 1/4 & NW 1/4 & NW 1/4

Owner - Identification Lower Res

R-80249

DAM

SPILLWAY

Height 14
Length 420
Width 6

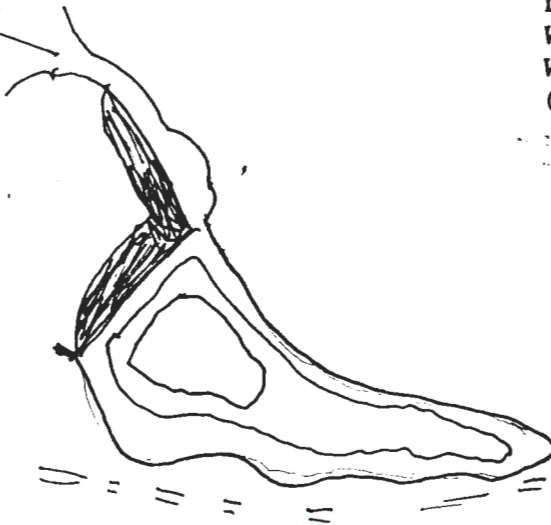
Slope
Upstream 3:1
Downstream 2:1
Embankment 20:1
Channel _____

Bottom Width 12
Top Width 72
Depth 3
Embankment Slope 4:1 Dam 2:1
Cut 275 Total Length _____

DAM/POOL SKETCH - REMARKS

POOL

Soldier Cr.
← Rim
2000ft



Maximum Depth 7
Length 800
Width 410
Water Level Now 2
(From Dam Crest)

ACRE FEET COMPUTATION

$$(W \times D) \times [800 + (3 \times 7)] \times 9$$

$$(410 \times 7) \times 821 \times 9$$

2870

21.0 Ac. Ft.

Inspected by: [Signature]
Date: 6/30/98