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\*APPLICATION FOR PERMIT

CERTIFICATE NO. 39888

STATE ENGINEER,  
SALEM

To appropriate the Public Waters of the State of Oregon

I, BUREAU OF LAND MANAGEMENT, DISTRICT OFFICE  
(Name of applicant)  
of FEDERAL BLDG, U.S. CATHSE, 6th & HOLLY (P.O. Box 1047),  
(Mailing address)  
State of OREGON, do hereby make application for a permit to appropriate the

following described public waters of the State of Oregon, SUBJECT TO EXISTING RIGHTS:

If the applicant is a corporation, give date and place of incorporation

FEDERAL GOVERNMENT

1. The source of the proposed appropriation is MERLIN SEED ORCHARD RESERVOIR  
(Name of stream)

, a tributary of JUMP OFF JOE CREEK

2. The amount of water which the applicant intends to apply to beneficial use is 11.50 A.F.

~~cubic feet per second.~~

(If water is to be used from more than one source, give quantity from each)

\*\*3. The use to which the water is to be applied is SUPPLEMENTAL IRRIGATION  
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. The point of diversion is located 90 ft. N. and 240 ft. W. from the CENTER  
(N. or S.) (E. or W.)  
corner of SEC. 9, T. 35S., R. 6W., Will. MER.  
(Section or subdivision)

(If preferable, give distance and bearing to section corner)

(If there is more than one point of diversion, each must be described. Use separate sheet if necessary)

being within the SE 1/4 NW 1/4 of Sec. 9, Tp. 35S.  
(Give smallest legal subdivision) (N. or S.)

R. 6W., W. M., in the county of JOSEPHINE  
(E. or W.)

5. The 6 INCH MAINLINE to be 1460 FEET  
(Main ditch, canal or pipe line) (Miles or feet)  
in length, terminating in the NW 1/4 SE 1/4 NW 1/4 of Sec. 9, Tp. 35S.  
(Smallest legal subdivision) (N. or S.)

R. 6W., W. M., the proposed location being shown throughout on the accompanying map.  
(E. or W.)

DESCRIPTION OF WORKS

Diversion Works—SEE ATTACHED PLANS—

6. (a) Height of dam 16 feet, length on top 556 feet, length at bottom  
500 feet; material to be used and character of construction EARTH-FILL DAM  
(Loose rock, concrete, masonry)

CONCRETE SPILLWAY, 24 INCH CMP OUTLET W/ CONTROL  
(rock and brush, timber crib, etc., wasteway over or around dam)

(b) Description of headgate 36" X 36" SLIDING STEEL GATE  
(Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description 40 H.P. - 3450 R.P.M.  
(Size and type of pump)

MODEL BERKELEY 37 PL, 3 X 4 CENTRIFUGAL DIRECT  
(Size and type of engine or motor to be used, total head water is to be lifted, etc.)  
PUMP, 36 FOOT TOTAL LIFT

\*A different form of application is provided where storage works are contemplated.

\*\*Application for permits to appropriate water for the generation of electricity, with the exception of municipalities, must be made to the Hydroelectric Commission. Either of the above forms may be secured, without cost, together with instructions by addressing the State Engineer, Salem, Oregon.

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Canal System or Pipe Line—

7. (a) Give dimensions at each point of canal where materially changed in size, stating miles from headgate. At headgate: width on top (at water line) ..... feet; width on bottom ..... feet; depth of water ..... feet; grade ..... feet fall per one thousand feet.

(b) At ..... miles from headgate: width on top (at water line) ..... feet; width on bottom ..... feet; depth of water ..... feet; grade ..... feet fall per one thousand feet.

(c) Length of pipe, 1460 ft.; size at intake, 6 in.; size at 1460 ft. from intake 6 in.; size at place of use LATERALS in.; difference in elevation between intake and place of use, 36 ft. Is grade uniform? YES Estimated capacity, 560 G.P.M.

8. Location of area to be irrigated, or place of use .....

Township North or South	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
35S.	6W.	9	NW 1/4, SE 1/4	31.99
35S.	6W.	9	SE 1/4, NW 1/4	26.24
				<u>58.23</u>

(If more space required, attach separate sheet)

(a) Character of soil WELL DRAINED POLLARD CLAY LOAM

(b) Kind of crops raised FOREST TREE SEEDLINGS

Power or Mining Purposes—

9. (a) Total amount of power to be developed ..... theoretical horsepower.

(b) Quantity of water to be used for power ..... sec. ft.

(c) Total fall to be utilized ..... feet.  
(Head)

(d) The nature of the works by means of which the power is to be developed .....

(e) Such works to be located in ..... of Sec. ....  
(Legal subdivision)

Tp. ...., R. ...., W. M.  
(No. N. or S.) (No. E. or W.)

(f) Is water to be returned to any stream? .....  
(Yes or No)

(g) If so, name stream and locate point of return .....

....., Sec. ...., Tp. ...., R. ...., W. M.  
(No. N. or S.) (No. E. or W.)

(h) The use to which power is to be applied is .....

(i) The nature of  mines to be served

10. (a) To supply the city of .....  
..... County, having a present population of .....  
(Name of)  
and an estimated population of ..... in 19.....

(b) If for domestic use state number of families to be supplied .....

(Answer questions 11, 12, 13, and 14 in all cases)

- 11. Estimated cost of proposed works, \$ 14,000<sup>00</sup>
- 12. Construction work will begin on or before 9/30/68
- 13. Construction work will be completed on or before 9/30/69
- 14. The water will be completely applied to the proposed use on or before SEPT. 1970

*Merlin Carter*  
(Signature of applicant)  
MEDFORD DISTRICT ENGINEER  
(B.L.M.)

Remarks: THE PURPOSE OF THIS SKED ORCHARD IS TO DEVELOP RUST-RESISTANT FIVE NEEDLE PINE SUITABLE FOR USE ON FEDERAL LANDS.

STATE OF OREGON, }  
County of Marion, } ss.

This is to certify that I have examined the foregoing application, together with the accompanying maps and data, and return the same for .....

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before ....., 19.....

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

STATE ENGINEER

By ..... ASSISTANT

PERMIT

STATE OF OREGON, }  
County of Marion, } ss.

This is to certify that I have examined the foregoing application and do hereby grant the same, SUBJECT TO EXISTING RIGHTS and the following limitations and conditions:

The right herein granted is limited to the amount of water which can be applied to beneficial use 11.5 acre feet stored water only and shall not exceed ~~cube feet per second~~ measured at the point of diversion from the stream, or its equivalent in case of rotation with other water users, from reservoir to be constructed under application No. R-45707, permit No. R-5413

The use to which this water is to be applied is supplemental irrigation

If for irrigation, this appropriation shall be limited to ~~square feet per acre~~ a diversion of 4 1/2 acre feet for each acre irrigated during the irrigation season of each year, provided further that the right allowed herein shall be limited to any deficiency in the available supply of any prior right existing for the same land and shall not exceed the limitation allowed herein

and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.

The priority date of this permit is January 15, 1969

Actual construction work shall begin on or before July 17, 1970 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1971

Complete application of the water to the proposed use shall be made on or before October 1, 1972

WITNESS my hand this 17th day of July, 1969

*Chris L. Wheeler*  
STATE ENGINEER

Application No. 45708  
Permit No. 34095

PERMIT  
TO APPROPRIATE THE PUBLIC  
WATERS OF THE STATE  
OF OREGON

This instrument was first received in the office of the State Engineer at Salem, Oregon, on the 15<sup>th</sup> day of JANUARY, 1969, at 8:00 o'clock A. M.

Returned to applicant:

Approved:  July 17, 1969

Recorded in book No. 34095 of Permits on page

CHRIS L. WHEELER  
STATE ENGINEER

Drainage Basin No. 15 page 7826  
Fees \$2435