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STATE ENGINEER  
SALEM

APPLICATION FOR PERMIT

To appropriate the Public Waters of the State of Oregon

I, DESCHUTES VALLEY WATER DISTRICT  
(Name of applicant)  
of Madras  
(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 Culver, Oregon, 7-1919

1. The source of the proposed appropriation is Opal Springs NWNE and SWSE Section 33  
(Name of stream)  
Township 12/Range 12 East, a tributary of Crooked river

2. The amount of water which the applicant intends to apply to beneficial use is 25 5  
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 group domestic system, industrial,  
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)  
agricultural, manufacturing, irrigation as a quasi municipal system

4. The point of diversion is located 1215.44 ft. North  
(N. or S.) and 1959.54 ft. West from the SE  
(E. or W.)  
corner of Section 33, Township 12 South, Range 13 East of the Willamette  
Meridian  
(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 NWNE of Sec. 33, Tp. 12 S.  
(Give smallest legal subdivision) (N. or S.)  
R. 12 E., W. M., in the county of Jefferson  
(E. or W.)

5. The no pipe line needed for diversion to be  
(Main ditch, canal or pipe line) (Miles or feet)  
in length, terminating in the of Sec. 33, Tp. 12 S.  
(Smallest legal subdivision) (N. or S.)  
R. 12 E., W. M., the proposed location being shown throughout on the accompanying map.  
(E. or W.)



DESCRIPTION OF WORKS

Diversion Works—

6. (a) Height of dam none feet, length on top ----- feet, length at bottom ----- feet; material to be used and character of construction -----  
(Loose rock, concrete, masonry,  
rock and brush, timber crib, etc., wasteway over or around dam)

(b) Description of headgate none (Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description Pump size and type hasn't been  
(Size and type of pump)  
determined yet. 900 ft. total head  
(Size and type of engine or motor to be used, total head water is to be lifted, etc.)

\*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.

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 554 miles ~~35~~; size at intake, 12 inch in.; size at 10,590 ft. reservoir 5/4 inch from intake 12 in. to ..... in.; size at place of use sewica connection difference in elevation between intake and place of use, 900 ft. Is grade uniform? no Estimated capacity, sewer sec. ft.

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

Township North or South	Range E. or W. of Willamette Meridian	Section	Party-acre Tract	Number Acres To Be Irrigated
<del>30-3</del>	<del>15-2</del>			
<del>30-3</del>	<del>15-2</del>	SEE ATTACHED SCHEDULE		
<del>31-3</del>	<del>15-2</del>			
<del>30-3</del>	<del>15-2</del>			

(If more space required, attach separate sheet)

(a) Character of soil .....

(b) Kind of crops raised .....

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.

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

(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 the mines to be served .....

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Ponchartraine Valley Water District Application for permit— Application No. 32724  
 Schedule of place of use—/6.

TOWNSHIP 9 SOUTH, RANGE 13 EAST OF THE WILLAMETTE MERIDIAN

<u>Section</u>	<u>Description</u>
14	SW $\frac{1}{4}$
15	SE $\frac{1}{4}$
16	S $\frac{1}{2}$ SE $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$
20	E $\frac{1}{2}$ SE $\frac{1}{4}$
21	All, except NW $\frac{1}{4}$ NW $\frac{1}{4}$
22	All
23	All
24	W $\frac{1}{2}$ SW $\frac{1}{4}$
25	W $\frac{1}{2}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$
26	All
27	All
28	All
29	E $\frac{1}{2}$ , SW $\frac{1}{4}$
32	All, except W $\frac{1}{2}$ NW $\frac{1}{4}$
33	All
34	All
35	All
36	W $\frac{1}{4}$

TOWNSHIP 10 SOUTH, RANGE 13 EAST OF THE WILLAMETTE MERIDIAN

<u>Section</u>	<u>Description</u>
1	W $\frac{1}{4}$
2	All
3	All
4	All
5	All, except S $\frac{1}{2}$ SW $\frac{1}{4}$
6	NE $\frac{1}{4}$ NE $\frac{1}{4}$
8	E $\frac{1}{2}$ , SE $\frac{1}{4}$ NW $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$
9	All
10	All
11	All
12	All
13	All
14	All
15	All
16	All
17	All
18	E $\frac{1}{2}$ E $\frac{1}{2}$
19	E $\frac{1}{2}$
20	All
21	All
22	All
23	All
24	All
25	All
26	All
27	All
28	All
29	N $\frac{1}{2}$ , N $\frac{1}{2}$ SE $\frac{1}{4}$
30	NE $\frac{1}{4}$
33	E $\frac{1}{2}$ , E $\frac{1}{2}$ W $\frac{1}{2}$ , NW $\frac{1}{4}$ NW $\frac{1}{4}$
34	All
35	All
36	All

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Willamette Valley Water District Application for permit— Application No. 34724  
 Schedule of plans of map—40.

TOWNSHIP 10 SOUTH, RANGE 14 EAST OF THE WILLAMETTE MERIDIAN

<u>Section</u>	<u>Description</u>
30	S $\frac{1}{2}$ SW $\frac{1}{4}$
31	NW $\frac{1}{4}$ , NW $\frac{1}{4}$ SW $\frac{1}{4}$

TOWNSHIP 11 SOUTH, RANGE 12 EAST OF THE WILLAMETTE MERIDIAN

<u>Section</u>	<u>Description</u>
36	All

TOWNSHIP 11 SOUTH, RANGE 13 EAST OF THE WILLAMETTE MERIDIAN

<u>Section</u>	<u>Description</u>
1	All, except W $\frac{1}{2}$ SW $\frac{1}{4}$
2	E $\frac{1}{2}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$ , Part of W $\frac{1}{2}$ NE $\frac{1}{4}$ ; W $\frac{1}{2}$
3	All
4	All
5	E $\frac{1}{2}$ NE $\frac{1}{4}$
9	All
10	All
11	W $\frac{1}{2}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$
12	E $\frac{1}{2}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$
13	SE $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$
14	All
15	All
16	All
20	E $\frac{1}{2}$ SE $\frac{1}{4}$
21	All
22	All
23	All
24	S $\frac{1}{2}$ S $\frac{1}{2}$
25	All
26	E $\frac{1}{2}$ E $\frac{1}{2}$
27	All
28	All
29	S $\frac{1}{2}$ , S $\frac{1}{2}$ N $\frac{1}{2}$ , NW $\frac{1}{4}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ NE $\frac{1}{4}$
30	S $\frac{1}{2}$ , S $\frac{1}{2}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$ NE $\frac{1}{4}$
31	All
32	All
33	All
34	All

TOWNSHIP 11 SOUTH, RANGE 14 EAST OF THE WILLAMETTE MERIDIAN

<u>Section</u>	<u>Description</u>
6	All
7	E $\frac{1}{2}$ NW $\frac{1}{4}$ , NW $\frac{1}{4}$ NW $\frac{1}{4}$
19	SW $\frac{1}{4}$ SW $\frac{1}{4}$
30	S $\frac{1}{2}$ NW $\frac{1}{4}$ , NW $\frac{1}{4}$ NW $\frac{1}{4}$ , W $\frac{1}{2}$ SW $\frac{1}{4}$ , Part of NE $\frac{1}{4}$ NW $\frac{1}{4}$ , Part of E $\frac{1}{2}$ SW $\frac{1}{4}$ , part of SW $\frac{1}{4}$ SE $\frac{1}{4}$ , part of W $\frac{1}{2}$ NE $\frac{1}{4}$
31	NW $\frac{1}{4}$

Reclamation Survey Water Right Application for permit-- Application No. 2774  
 Records of plats of 1899-1900

TOWNSHIP 12 SOUTH, RANGE 12 EAST OF THE WILLAMETTE MERIDIAN

<u>Section</u>	<u>Description</u>
1	All
2	E $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$ SE $\frac{1}{4}$
11	NE $\frac{1}{4}$ NE $\frac{1}{4}$
12	All, except SW $\frac{1}{4}$ SW $\frac{1}{4}$
13	All
14	SE $\frac{1}{4}$ NE $\frac{1}{4}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$ , S $\frac{1}{4}$ SE $\frac{1}{4}$
23	E $\frac{1}{4}$
24	All
25	All
26	E $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , S $\frac{1}{4}$ SW $\frac{1}{4}$
27	S $\frac{1}{4}$ SE $\frac{1}{4}$
33	E $\frac{1}{4}$ , source of water supply not within boundaries
34	All
35	All
36	All

TOWNSHIP 12 SOUTH, RANGE 13 EAST OF THE WILLAMETTE MERIDIAN

<u>Section</u>	<u>Description</u>
3	All
4	All
5	All
6	All
7	All
8	All
9	All
10	All
11	NW $\frac{1}{4}$ , SW $\frac{1}{4}$ NE $\frac{1}{4}$ , W $\frac{1}{2}$ SW $\frac{1}{4}$
14	Portion lying Northerly of Lateral M-45, North Unit Irrigation District
15	All
16	All
17	All
18	All
19	All
20	All
21	All
22	N $\frac{1}{2}$ , SW $\frac{1}{4}$ , W $\frac{1}{2}$ SE $\frac{1}{4}$ , NE $\frac{1}{4}$ SE $\frac{1}{4}$ , Part of SE $\frac{1}{4}$ SE $\frac{1}{4}$
27	Part of N $\frac{1}{2}$
28	Part of N $\frac{1}{2}$ , Part of NW $\frac{1}{4}$ SW $\frac{1}{4}$
29	N $\frac{1}{2}$ , SW $\frac{1}{4}$ , Part of N $\frac{1}{2}$ SE $\frac{1}{4}$
30	All
31	N $\frac{1}{2}$ N $\frac{1}{2}$

TOWNSHIP 13 SOUTH, RANGE 12 EAST OF THE WILLAMETTE MERIDIAN

<u>Section</u>	<u>Description</u>
1	W $\frac{1}{2}$ W $\frac{1}{2}$ lying West of railroad right of way
2	E $\frac{1}{2}$ , NW $\frac{1}{4}$
3	N $\frac{1}{2}$
11	N $\frac{1}{2}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$
12	NW $\frac{1}{4}$ lying West of railroad right of way, S $\frac{1}{2}$ SW $\frac{1}{4}$ , Part of N $\frac{1}{2}$ SW $\frac{1}{4}$
13	NW $\frac{1}{4}$ , NE $\frac{1}{4}$ SW $\frac{1}{4}$
14	NE $\frac{1}{4}$ lying Northerly of Crooked River Canyon

10. (a) To supply the city of Galver, Metolius and Madras  
Jefferson County, having a present population of Approximately 3500  
and an estimated population of 10,000 in 1975.

(b) If for domestic use state number of families to be supplied at present time 1025

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

- 11. Estimated cost of proposed works, \$ 175,000
- 12. Construction work will begin on or before July 1, 1959
- 13. Construction work will be completed on or before July 1, 1960
- 14. The water will be completely applied to the proposed use on or before as needed

*Deschutes Valley Water District*  
By *Rayd R. Overhuler*

Remarks: The District at the present time is using approximately  
1 second foot from Opal Springs under permit #3903 issued to E. A. Thompson. This  
permit was transferred to the Deschutes Valley Water District upon purchase of  
E. A. Thompson's rights to the Opal Springs Water Company on August 19, 1958. The  
District is continually growing and feels they should have a larger right filed  
on said Opal Springs not only to protect against a water shortage but to have the  
additional water available for industrial development.

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 completion

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before March 9 1959  
May 11 59

WITNESS my hand this 7th day of January, 1959  
11th March 1959

LEWIS A. STANLEY  
STATE ENGINEER

By *James W. Carver, Jr.*  
James W. Carver, Jr. ASSISTANT

PERMIT

STATE OF OREGON, }  
County of Marion, }

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 and shall not exceed 5.0 cubic feet per second measured at the point of diversion from the stream, or its equivalent in case of rotation with other water users, from Opal springs.

The use to which this water is to be applied is municipal (all of the purposes for which water could be used in a city under a right initiated for municipal use)

If for irrigation, this appropriation shall be limited to - - of one cubic foot per second or its equivalent for each acre irrigated

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 October 24, 1958

Actual construction work shall begin on or before June 22, 1960 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1961

Complete application of the water to the proposed use shall be made on or before October 1, 1962

WITNESS my hand this 22nd day of June, 1959

*Lewis A. Stanley*  
STATE ENGINEER

Application No. 22724  
Permit No. 26113

**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 24th day of October, 1958, at 8.10 o'clock A. M.

Returned to applicant:

Approved:

June 22, 1959 of  
Recorded in book No. 71  
Permits on page 26113

LEWIS A. STANLEY  
STATE ENGINEER

Drainage Basin No. 5 page 14C  
Fees