

CERTIFICATE NO. 19735

* APPLICATION FOR PERMIT

To Appropriate the Public Waters of the State of Oregon

I, Nielsen Brothers,
(Name of applicant)
 of Route #2, The Dalles, Oregon,
(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
 not a corporation

1. The source of the proposed appropriation is Mill Creek
(Name of stream)
, a tributary of Columbia River
 2. The amount of water which the applicant intends to apply to beneficial use is 0.6
 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 irrigation
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. The point of diversion is located 2116 ft. S and 1589 ft. E from the NW
(N. or S.) (E. or W.)
 corner of Section 8, T. 1 N., R. 13 E., W. M. or S. 36° 54' E., 2646.8 feet
(Section or subdivision)
 from said Northwest corner of Section 8.

(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 of Sec. 8, Tp. 1 N.,
(Give smallest legal subdivision) (N. or S.)
R. 13 E., W. M., in the county of Wasco.
(E. or W.)

5. The pipe line to be 2250
(Main ditch, canal or pipe line) (Miles or feet)
 in length, terminating in the SW 1/4 of Sec. 5, Tp. 1 N.,
(Smallest legal subdivision) (N. or S.)
R. 13 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 3 feet, length on top 18 feet, length at bottom
14 feet; material to be used and character of construction loose rock
(Loose rock, concrete, masonry, rock and brush, timber crib, etc., wasteway over or around dam)

(b) Description of headgate
(Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description 6" turbine type
(Size and type of pump)
30 H.P. electric
(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, 2250 ft.; size at intake, 6 in.; size at ft. from intake in.; size at place of use in.; difference in elevation between intake and place of use, 350 ft. Is grade uniform? no Estimated capacity, 0.6 sec. ft.

8. Location of area to be irrigated, or place of use 71 acres.

Township	Range	Section	Forty-acre Tract	Number Acres To Be Irrigated
1 N	13 E	5	SW $\frac{1}{4}$ SW $\frac{1}{4}$	2
1 N	13 E	5	SE $\frac{1}{4}$ SW $\frac{1}{4}$	4
1 N	13 E	8	NW $\frac{1}{4}$ NW $\frac{1}{4}$	10
1 N	13 E	8	SW $\frac{1}{4}$ NW $\frac{1}{4}$	4
1 N	13 E	8	NE $\frac{1}{4}$ NW $\frac{1}{4}$	28
1 N	13 E	8	SE $\frac{1}{4}$ NW $\frac{1}{4}$	10
1 N	13 E	8	NW $\frac{1}{4}$ NE $\frac{1}{4}$	5
1 N	13 E	8	SW $\frac{1}{4}$ NE $\frac{1}{4}$	8
				71

Property on which water is to be used is a part of that more explicitly described by applicant as follows:
Beginning at a point (1147) feet East of the Northwest corner of the C.W. Denton Donation Land Claim No. (42) in Sections 5 and 8 Township 1 North, Range 13 E. W. M.; thence S. 45° 30'

(Continued under Remarks)

(If more space required, attach separate sheet)

(a) Character of soil sandy loam

(b) Kind of crops raised cherries, peaches, apricots and grapes.

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 the mines to be served

18781
Municipal or Domestic Supply—

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, \$.....6000.....
12. Construction work will begin on or before March 15, 1946
13. Construction work will be completed on or before May 1, 1946
14. The water will be completely applied to the proposed use on or before May 1, 1946

(Sgd) Nielsen Bro's
(Signature of applicant)
A.C. Nielsen

Remarks: This application is for a permit to pump water from Mill
Creek, onto orchard land, during the time that this stream has a surplus
of water, over and above that required by the existing water rights.
The plan is to add moisture to the soil, in addition to that supplied
by natural precipitation, which has been deficient during many of the
past seasons. By application of this additional water to the land,
at favorable periods, from November to May, it is expected that fruit
trees will have an adequate supply of moisture, to maintain growth
and crop production during the summer months.

The flow of Mill Creek, near the site of this proposed pumping plant
as measured with the water meter, on February 5, 1946, showed a computed
discharge of 35.387 second feet.

(Continued from Item 8)

E 2070 feet to a pine tree on southeast side of Mill Creek; thence S 45° E., 760 feet
to a point in center of County Road; thence S 55° W., along center of County Road 935
feet to southeast corner of land sold by grantors to Harry E. Greene; thence along the
easterly line of the Greene land N 54° 44' W, 9.78 chains to center of Mill Creek;
thence southwesterly up center of Mill Creek, to a point due west of the interior corner
of said Denton Donation Land Claim; thence west from the center of Mill Creek 3.85 chains
to the west line of said donation land claim; thence North 3,121 feet to Northwest
corner of said donation land claim; thence East 1,147 feet to place of beginning,
containing 138.85 acres.

Note: from the Land Survey Office, the northwest corner of the C.W. Denton Donation
Land Claim No. 42, is tied in to the northwest corner of Section 8, T. 1 N., R. 13 E.W.M.
as being 13.77 chains or 908.82 feet east of and 6.07 chains or 400.62 feet north of the
STATE OF OREGON, } northwest corner of said Section 8.

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 correc-
tions on or before, 194.....

WITNESS my hand this day of, 194.....

STATE ENGINEER

Application No. 21419

Permit No. 16781

PERMIT

TO APPROPRIATE THE PUBLIC
WATERS OF THE STATE
OF OREGON

Division No. District No.

This instrument was first received in the
office of the State Engineer at Salem, Oregon,
on the 15th day of February
1946 at 1:00 o'clock P. M.

Returned to applicant:

Corrected application received:

Approved:

March 18, 1946

Recorded in book No. 41 of

Permits on page 16781

CHAS. E. STRICKLIN

STATE ENGINEER

Drainage Basin No. 1 Page 6 A

Fees Paid \$15.65

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
and shall not exceed 0.6 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 Mill Creek

The use to which this water is to be applied is Irrigation

If for irrigation, this appropriation shall be limited to 1/60th of one cubic foot per
second or its equivalent for each acre irrigated during the irrigation season from
April 1, to October 1, and shall be still further limited to a diversion of not to
exceed 0.6 c.f.s.,

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 February 15, 1946

Actual construction work shall begin on or before March 18, 1947 and shall
thereafter be prosecuted with reasonable diligence and be completed on or before
October 1, 1948

Complete application of the water to the proposed use shall be made on or before

October 1, 1949

WITNESS my hand this 18th day of March, 1946

CHAS. E. STRICKLIN

STATE ENGINEER