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STATE ENGINEER
SALEM OREGON

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Permit No. 21953
CERTIFICATE NO. 4050

*APPLICATION FOR PERMIT

To Appropriate the Public Waters of the State of Oregon

I, WILLIAM H SESTER
(Name of applicant)
of ROUTE #2 BOX 552, GRESHAM, 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

1. The source of the proposed appropriation is ~~AN UN-NAMED STREAM~~ and SESTER
(Name of stream)
RESERVOIR, a tributary of BEAVER CREEK

2. The amount of water which the applicant intends to apply to beneficial use is ~~0.724~~ 235 A.F.
cubic feet per second. ~~325~~ GPM. 20% Stream 80% Reservoir 1 hr. 4-12-67
(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 Suppl. IRRIGATION
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. The point of diversion is located 1514 ft. S 60° 30' E
(N. or S.) and ft. from the
center of Section 16, TWP. 1S, R. 4E, W. 4M.
(Section or subdivision)

(If there is more than one point of diversion, each must be described. Use separate sheet if necessary)
being within the NW 1/4 of the SE 1/4 of Sec. 16, Tp. 1S
(Give smallest legal subdivision) (N. or S.)
R. 4E, W. M., in the county of MULTNOMAH

5. The PORTABLE EQUIPMENT to be 4890 FEET
(Main ditch, canal or pipe line) (Miles or feet)
in length, terminating in the SW 1/4 of the NE 1/4 of Sec. 21, Tp. 1S
(Smallest legal subdivision) (N. or S.)
R. 4# 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 32 feet, length on top 390 feet, length at bottom
20 feet; material to be used and character of construction SELECT IMPERVIOUS FILL
(Loose rock, concrete, masonry,
WELL COMPACTED . ALL EXISTING VEGETATION TO BE REMOVED FROM THE UP-STREAM
rock and brush, timber crib, etc., wasteway over or around dam) FACE AND TOP OF EXISTING DAM

(b) Description of headgate SAME AS CONSTRUCTED UNDER PERMIT # 1616 -CONCRETE
(Timber, concrete, etc., number and size of openings)
WITH ONE - 18" CALCO # 101 GATE

(c) If water is to be pumped give general description ONE 3QHP 3Ø 220V - 325 GPM PUMP
(Size and type of pump)
TDH 225.5 FT.
(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.

ALUMINUM PORTABLE PIPE:

870 FT - 6" }
 3380 FT - 5" } - 4890 FT TOTAL
 640 FT - 4" }

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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, 4890 ft.; size at intake, 6" in.; size at 870 ft. from intake 5" in.; size at place of use 4" in.; difference in elevation between intake and place of use, 70 ft. Is grade uniform? YES Estimated capacity, 0.75 sec. ft.

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
1S	4E	16	NW $\frac{1}{4}$ - NE $\frac{1}{4}$	17.2
1S	4E	16	SW $\frac{1}{4}$ - NE $\frac{1}{4}$	18.8
1S	4E	16	NW $\frac{1}{4}$ - SE $\frac{1}{4}$	33.0
1S	4E	16	NE $\frac{1}{4}$ - SE $\frac{1}{4}$	35.4
1S	4E	16	SE $\frac{1}{4}$ - SE $\frac{1}{4}$	18.2
1S	4E	21	NW $\frac{1}{4}$ - NE $\frac{1}{4}$	17.8
1S	4E	21	SW $\frac{1}{4}$ - NE $\frac{1}{4}$	18.7
			TOTAL	159.1 AC <i>suppl</i>

Hy 4-12-6

(If more space required, attach separate sheet)

(a) Character of soil POWELL SILT LOAM

(b) Kind of crops raised POTATOES - BERRIES - VEGETABLES

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

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, \$.....\$3,500.00.

12. Construction work will begin on or before July 1, 1967.

13. Construction work will be completed on or before NOV. 15, 1967.

14. The water will be completely applied to the proposed use on or before NOV. 15, 1967.

William H. Sester
(Signature of applicant)

Remarks: _____

The existing reservoir was constructed under permits # R-1616 and R - 2143 . The Elevation of the Top of the Existing Dam is 106.0 (Assumed Datum) and we propose to raise the height of the dam to Elevation 112.0 (Assumed Datum) .

The Static water level of the existing dam is El. 103.0 Feet.

We propose to raise the Static Level to 109.0 Feet. (Assumed Datum)

The maximum water level of the existing dam is 104.0 Feet . We Propose to raise the maximum water level to 110.0 Feet . (Assumed Datum)

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 and shall not exceed 23.5 acre feet stored water only ~~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 Sester Reservoir No. 1 to be enlarged under application No. R-42755, permit No. R-4859

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

If for irrigation, this appropriation shall be limited to ~~of one cubic foot per second per acre of irrigated land~~ a diversion of 2 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 March 31, 1967

Actual construction work shall begin on or before May 17, 1968 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1969

Complete application of the water to the proposed use shall be made on or before October 1, 1970

WITNESS my hand this 17th day of May, 1967

Chris L. Wheeler

STATE ENGINEER

Application No. 43439
Permit No. 31953

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 31st day of March, 1967, at 1:00 o'clock P. M.

Returned to applicant:

Approved:

May 17, 1967

Recorded in book No. 31953 of

Permits on page

CHRIS L. WHEELER
STATE ENGINEER

Drainage Basin No. 3 page 12F
Fees 12F