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MAY 10 1965

Permit No. 31404  
CERTIFICATE NO. 42702

STATE ENGINEER APPLICATION FOR PERMIT  
SALEM OREGON

To Appropriate the Public Waters of the State of Oregon

I, Marshland Water Association  
(Name of applicant)  
of c/o William M. Armstrong, Route 2, Box 28, Clatskanie,  
(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 un-named spring  
(Name of stream)

a tributary of Tandy Creek and Tandy Creek itself.

2. The amount of water which the applicant intends to apply to beneficial use is 0.23

cubic feet per second. 0.22 cfs from spring during winter, supplemental from Tandy Creek in summer. 0.01 cfs for cattle.  
(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 domestic plus water for 400 head of cattle.  
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. The point of diversion is located 460 ft. S. and 1110 ft. W from the S.E.  
(N. or S.) (E. or W.)  
corner of NE 1/4  
(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 NE 1/4 of Sec. 10, Tp. 7 N  
(Give smallest legal subdivision) (N. or S.)

R. 5 W., W. M., in the county of Columbia

5. The 2400 feet  
(Main ditch, canal or pipe line) (Miles or feet)

in length, terminating in the SE 1/4 SE 1/4 of Sec. 3, Tp. 7 N  
(Smallest legal subdivision) (N. or S.)

R. 5 W., 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 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  
(Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description  
(Size and type of pump)

(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, 2400 ..... ft.; size at intake, 4 ..... in.; size at ..... 2400 ..... ft. from intake ..... 4 ..... in.; size at place of use ..... 4 ..... in.; difference in elevation between intake and place of use, 120 ..... ft. Is grade uniform? No ..... Estimated capacity, 0.50 ..... 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
<del>T 7 N</del>	<del>R 5 W.</del>	<del>10</del>	<del>SE 1/4 NE 1/4</del>	<del>DOMESTIC USE</del>
T 7 N	R 5 W.	10	SE 1/4 NE 1/4	DOMESTIC USE
7 N	5 W.	10	SW 1/4 NE 1/4	DOMESTIC USE
7 N	5 W.	10	NE 1/4 NE 1/4	DOMESTIC & LIVESTOCK USE
7 N	5 W.	10	NW 1/4 NE 1/4	DOMESTIC & LIVESTOCK USE
7 N	5 W.	3	SE 1/4 SE 1/4	DOMESTIC & LIVESTOCK USE
7 N	5 W.	3	SW 1/4 SE 1/4	DOMESTIC & LIVESTOCK USE

(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.  
(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 Marshland (an un-incorporated community)

Columbia County, having a present population of 80  
(Name of)

and an estimated population of 1,000 in 19 70

40

(b) If for domestic use state number of families to be supplied currently 22 but due for rapid expansion as a result of Crown Zellerbach development at Wauna.  
(Answer questions 11, 12, 13, and 14 in all cases)

11. Estimated cost of proposed works, \$ 15,000.00

12. Construction work will begin on or before August 1, 1965

13. Construction work will be completed on or before August 1, 1966

14. The water will be completely applied to the proposed use on or before August 1, 1967

*[Signature]*  
(Signature of applicant)

Remarks: A three-inch pipeline is currently supplying water from the un-named spring referred to, but due to a shortage of water during some periods it is planned that this be increased to four-inch and that supplemental water be diverted from Tandy creek during the drier periods of the summer. A new reservoir will be installed. Preliminary engineering studies tentatively locate the point of diversion on Tandy Creek at 262 feet south and 112 of the Southwest corner of SW  $\frac{1}{4}$  NE  $\frac{1}{4}$  Sec. 10 Tn. 7 N, Rn 5 W.W.M.

The current system provides water for 350 to 400 head of cattle.

Sub-division plans are current drawn that will expand the system, but the immediate number cannot be accurately assessed at this time.

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 ~~connection~~ completion

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before ~~July 18~~ July 20, 19 ~~66~~ 66

WITNESS my hand this ~~12th~~ 20th day of ~~May~~ May, 19 ~~66~~ 66

RECEIVED  
MAY 20 1966

CHRIS L. WHEELER  
STATE ENGINEER

By *[Signature]*  
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 0.23 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 a spring with any deficiency in the available supply from the spring to be made up by appropriation from Tandy Creek provided that the total quantity diverted from both sources shall not exceed 0.23 cubic foot per second.

The use to which this water is to be applied is group domestic and stock being 0.22 cfs for domestic and 0.01 cfs for stock

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 May 10, 1965

Actual construction work shall begin on or before January 3, 1968 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1968.

Complete application of the water to the proposed use shall be made on or before October 1, 1969. Extended to Oct. 1, 1970

WITNESS my hand this 3rd day of January, 1967. Extended to Oct. 1, 1970

*Chris L. Wheeler*  
STATE ENGINEER

Application No. 40869  
Permit No. 3140A

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 10th day of May, 1965, at 8:00 o'clock A. M.

Returned to applicant:  
Approved: January 3, 1967  
Recorded in book No. \_\_\_\_\_ of  
Permits on page 3140A

CHRIS L. WHEELER  
STATE ENGINEER  
Drainage Basin No. 1 page 6N  
Fees \$20