

# To appropriate the Public Waters of the State of Oregon

I, CITY OF ASTORIA  
CITY HALL (Name of applicant)  
of 1095 DUANE STREET; ASTORIA, OREGON 97103  
(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 Bear Creek and Reservoir  
(Name of stream)  
a tributary of the Columbia River

2. The amount of water which the applicant intends to apply to beneficial use is twelve (12)  
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 domestic and industrial supplies  
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)  
through municipal system

4. The point of diversion is located 1160 ft. North and 2340 ft. West from the S. E.  
(N. or S.) (E. or W.)  
corner of Section 2, T 7 N., R 8 W., W. M.  
(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 SW 1/4 SE 1/4 of Sec. 2, Tp. 7 N.  
(Give smallest legal subdivision) (N. or S.)

R. 8 W., W. M., in the county of Clatsop  
(E. or W.) is

5. The Pipeline ~~to be~~ 12 miles  
(Main ditch, canal or pipe line) (Miles or feet)

in length, terminating in the N. E. One quarter of Sec. 16, Tp. 8 N.  
(Smallest legal subdivision) (N. or S.)

R. 9 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 90 feet, length on top 300 feet, length at bottom  
50 to 80 feet; material ~~to be~~ used and character of construction concrete  
(Loose rock, concrete, masonry,  
rock and brush, timber crib, etc., wasteway over or around dam)

(b) Description of headgate Not applicable  
(Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description Not applicable  
(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.

10. (a) To supply the city of .....Astoria.....  
Clatsop ..... County, having a present population of ..... 10,000  
(Name of)  
and an estimated population of ..... 11,500 ..... in 19 75.

(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, \$ 83,000.00 .....  
began
- 12. Construction work ~~will begin~~ on or before ..... 1911 .....  
was
- 13. Construction work ~~will be~~ completed on or before ..... 1913 .....  
has been
- 14. The water ~~will be~~ completely applied to the proposed use on or before ..... 1913 .....

*City of Astoria*  
(Signature of applicant)  
*Wab F. Curry City Manager*

Remarks: ..... The Bear Creek dam and pipeline to the City of Astoria was  
constructed during 1911-1913. In 1953, the dam was raised 16 feet in height to  
a total of 90 feet. In 1963, a new 21-inch pipeline was installed from the dam  
to the City.

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 correc-  
tions on or before ....., 19 .....

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

STATE ENGINEER

By ..... ASSISTANT

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) Not applicable..... feet; width on bottom Not applicable feet; depth of water Not applicable... feet; grade Not applicable... feet fall per one thousand feet.

(b) At Not applicable... miles from headgate: width on top (at water line) Not applicable..... feet; width on bottom Not applicable..... feet; depth of water Not applicable... feet; grade Not applicable... feet fall per one thousand feet.

(c) Length of pipe, 63,000 ft.; size at intake, 24" in.; size at 110 ft. from intake 21" in.; size at place of use 21" in.; difference in elevation between intake and place of use, 234 ft. Is grade uniform? No Estimated capacity, 12.38 sec. ft.

8. Location of area to be irrigated, or place of use City of Astoria and Vicinity

Twp.	Range	Sec.	NE¼				NW¼				SW¼				SE¼			
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼
8N	9W	7	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		9	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		10	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		11							X			X	X					
		14						X	X									
		15	X	X	X	X	X	X	X	X								
		16	X	X	X	X	X	X	X	X	X	X	X	X				
		17	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8N	10W	12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

(b) Kind of crops raised Not applicable

Power or Mining Purposes—

9. (a) Total amount of power to be developed Not applicable theoretical horsepower.

(b) Quantity of water to be used for power Not applicable sec. ft.

(c) Total fall to be utilized Not applicable feet.  
(Head)

(d) The nature of the works by means of which the power is to be developed Not applicable

(e) Such works to be located in Not applicable 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? Not applicable (Yes or No)

(g) If so, name stream and locate point of return Not applicable

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

(h) The use to which power is to be applied is Not applicable

(i) The nature of the mines to be served Not applicable

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 12.0 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 Bear Creek and reservoir to be constructed under application No. R-42655, permit No. R-4842

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

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 August 17, 1966

Actual construction work shall begin on or before April 20, 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 20th day of April, 1967...

*[Signature]*  
STATE ENGINEER

Application No. 42656  
Permit No. 31880

**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 17th day of August, 1966, at 8:00 o'clock A. M.

Returned to applicant: \_\_\_\_\_

Approved: \_\_\_\_\_

Apr. 20, 1967

Recorded in book No. \_\_\_\_\_ of 31880 Permits on page \_\_\_\_\_

Charles L. H. H. H.  
STATE ENGINEER

Drainage Basin No. 1 page 6.P  
Fees 911.22

PE