Permit—2M—4-45

Permit No. 16647

* APPLICATION FOR PERMIT

To Appropriate the Public Waters of the State of Oregon

I, Casein Company of America, Division of The Borden Company.
(Name of applicant)

of 241 Miner Building, Eugene, ,
(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 New Jersey

1. The source of the proposed appropriation is Willamette River
(Name of stream)
, a tributary of Columbia River

2. The amount of water which the applicant intends to apply to beneficial use is one 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 manufacturing
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. The point of diversion is located 778 ft. N (N. or S.) and 4929 ft. W (E. or W.) from the S.E corner of Section 35 Tp. 17 S Rg. 3 W. Willamette Meridian and is also 128 ft north and 525 ft. west of the southwest corner of the intersection of Second St. and South D St. in Springfield, Oregon
(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 SW¼ of SW¼ of Sec. 35, Tp. 17 S (N. or S.),
(Give smallest legal subdivision)
R. 3 W (E. or W.), W. M., in the county of Lane

5. The pipe to be 500
(Main ditch, canal or pipe line) (Miles or feet)
in length, terminating in the SW¼ of SW¼ of Sec. 35, Tp. 17 S (N. or S.),
(Smallest legal subdivision)
R. 3 W (E. or W.), W. M., the proposed location being shown throughout on the accompanying map.

DESCRIPTION OF WORKS

Diversion Works—

6. (a) Height of dam no 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 Horizontal concrete box 4½ ft. deep by 3 ft. wide leading into 5 ft. square concrete well. River end of box is flared and screened.
(Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description 3 inch Pomona turbine pump driven by a 20 HP 440 volt vertical motor into a pressure tank equivalent to 115 ft. head.
(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, ... ft.; size at intake, ... in.; size at ..... ft. from intake ..... in.; size at place of use ..... in.; difference in elevation between intake and place of use, ... ft. Is grade uniform? ..... Estimated capacity, ... sec. ft.

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

Township	Range	Section	Forty-acre Tract	Number Acres To Be Irrigated
17 S	3 W	35	SW¼ SW¼	

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

(f) Is water to be returned to any stream? ..... (Yes or No)

(g) If so, name stream and locate point of return .....

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

(h) The use to which power is to be applied is .....

(i) The nature of the mines to be served .....

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, $ 5000.00

12. Construction work will begin on or before Nov. 1, 1945

13. Construction work will be completed on or before Feb 1 1946

14. The water will be completely applied to the proposed use on or before March 1 1946

(Sgd) Casein Co of America
(Signature of applicant)

E. A. Kinne

Remarks: The water is to be used for cooling in a chemical plant. It will not come into contact with any of the material being processed. It will flow from the pressure tank in a 4 inch steel pipe 350 ft. through the point of use to a sump drained by a 12 inch concrete into the Willamette River at a point 100 ft. downstream from the point of diversion.

~~The property on which the water will be used is described as~~ "Beginning on the south line of South D St. 198 ft. west of the west line of Second St. in Springfield, Oregon, running thence north parallel to Second St. 406.3 ft. more or less to the right of way of the Southern ~~Pacific Railroad, thence Southwesterly along the right of way to the Willamette River, thence southerly along the river to a point west~~ of the point of beginning, thence east to the point of beginning."

(SEAL)

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 ....., *194*.....

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

.....
STATE ENGINEER

Application No. 21240

Permit No. 16647

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 20th *day of* October,

*19*45 *at* 8:30 *o'clock* A. *M.*

Returned to applicant:

.....

Corrected application received:

.....

Approved:

December 20, 1945

Recorded in book No. 41 *of*

Permits on page 16647

CHAS. E. STRICKLIN
STATE ENGINEER

Drainage Basin No. 2 *Page* 64 B

Fees Paid $10.00

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 1.0 *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* Willamette River

The use to which this water is to be applied is Manufacturing. (For cooling in a Chemical Plant)

If for irrigation, this appropriation shall be limited to - - - *of one cubic foot per second* .....

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 20, 1945

Actual construction work shall begin on or before December 20, 1946 *and shall thereafter be prosecuted with reasonable diligence and be completed on or before* October 1, 1947 Extended to Oct. 1, 1948 Extended to Oct. 1, 1949

Complete application of the water to the proposed use shall be made on or before October 1, 1948 Extended to Oct. 1, 1949

WITNESS my hand this 20th *day of* December, *19*45.

CHAS. E. STRICKLIN
STATE ENGINEER

Permits for power development are subject to the payment of annual fees as provided in sections 1 and 2, chapter 74, Oregon Laws 1933.