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SEP 14 1971

STATE ENGINEER
SALEM, OREGON

ASSIGNED. See Misc. Rec., Vol. C Page 372

Permit No. 35425

CERTIFICATE 76709

AMMENDMENT TO
*APPLICATION FOR PERMIT
Application File #48484

To Appropriate the Public Waters of the State of Oregon

I, THE BOEING COMPANY

(Name of applicant)

of P.O. Box 97

(Mailing address)

Boardman

Oregon 97818,

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 19 July 1934

Delaware

1. The source of the proposed appropriation is Columbia River (Backwater of John

(Name of stream)

Day Reservoir on Willow Crk), a tributary of

2. The amount of water which the applicant intends to apply to beneficial use is 63.2

(1/40 cfs per acre for 2,528 acres)

cubic feet per second.

See Remark #1

(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 & Soil Stabilization

(Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. The point of diversion is located 1,750 ft. N and 1,930 ft. W from the SE

(N. or S.)

(E. or W.)

corner of Section 36, T4N, R22E, WM

(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 NW 1/4 of the SE 1/4 of Sec. 36, Tp. 4N,

(Give smallest legal subdivision)

(N. or S.)

R. 22E, W. M., in the county of Gilliam

(E. or W.)

5. The 32" Dia. pipelines to be 3,520 feet

(Main ditch, canal or pipe line)

(Miles or feet)

in length, terminating in the SW 1/4 of the SW 1/4 of Sec. 31, Tp. 4N,

(Smallest legal subdivision)

(N. or S.)

R. 23 E, W. M., the proposed location being shown throughout on the accompanying map.

(E. or W.)

See Drawing #C6728.1, Rev. 1 9-9-71

DESCRIPTION OF WORKS - (See Remark #2)

Diversion Works—

6. (a) Height of dam N.A. 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 ~~hydrotext~~ Intake - Timber, Steel and Concrete Structure

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

with submerged screened inlet.

(c) If water is to be pumped give general description Vertical turbine pumps for

(Size and type of pump)

13,500 gpm - 550 ft. lift ± - Electric Motor Drives, three 600 hp.

(Size and type of engine or motor to be used, total head water is to be lifted, etc.)

one 400 hp and one 200 hp

*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, 55,400/8" & larger ft.; size at intake, 32 in.; size at 3,500 ft. & beyond from intake 30" & smaller in.; size at place of use 8" in.; difference in elevation between intake and place of use, Max. 293⁺ ft. Min. 143⁻ ft. Is grade uniform? No Estimated capacity, 30.1 sec. ft.

8. Location of area to be irrigated, or place of use See below and attached and Remark #3.

Township North or South	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
4N	23E	30	SE1/4 of the NW1/4	1.8
4N	23E	30	SW1/4 of the NE1/4	13.2
4N	23E	30	SE1/4 of the NE1/4	23.1
4N	23E	30	NE1/4 of the SE1/4	38.8
4N	23E	30	NW1/4 of the SE1/4	39.3
4N	23E	30	NE1/4 of the SW1/4	15.1
4N	23E	30	SE1/4 of the SW1/4	2.5
4N	23E	30	SW1/4 of the SE1/4	34.2
4N	23E	30	SE1/4 of the SE1/4	37.6
4N	23E	29	SW1/4 of the NW1/4	30.8
4N	23E	29	NW1/4 of the SW1/4	29.8
4N	23E	29	SW1/4 of the SW1/4	38.5
4N	23E	29	SE1/4 of the SW1/4	4.1
4N	23E	31	NE1/4 of the NE1/4	39.4
4N	23E	31	NW1/4 of the NE1/4	40.0
4N	23E	31	NE1/4 of the NW1/4	7.2
4N	23E	31	SE1/4 of the NW1/4	3.7
4N	23E	31	SW1/4 of the NE1/4	39.3
4N	23E	31	SE1/4 of the NE1/4	39.5
4N	23E	31	NE1/4 of the SE1/4	37.4 39.4
4N	23E	31	NW1/4 of the SE1/4	40.0
4N	23E	31	NE1/4 of the SW1/4	33.2
4N	23E	31	NW1/4 of the SW1/4	22.6
4N	23E	31	SW1/4 of the SW1/4	36.5 (see attached)

(If more space required, attach separate sheet)

(a) Character of soil fine sandy loams and silt loams

(b) Kind of crops raised pasture and other suitable crops

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

ATTACHMENT TO ACCOMPANY THE
 APPLICATION FOR PERMIT
 TO APPROPRIATE THE PUBLIC WATERS
 OF THE STATE OF OREGON
 BY
 THE BOEING COMPANY, BOARDMAN, OREGON

Township North or South	Range E of W of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
4N	23E	31	SE1/4 of the SW1/4	40.0
4N	23E	31	SW1/4 of the SE1/4	38.4
4N	23E	31	SE1/4 of the SE1/4	38.4 37.4
4N	23E	32	NE1/4 of the NW1/4	1.8
4N	23E	32	NW1/4 of the NW1/4	36.0
4N	23E	32	SW1/4 of the NW1/4	40.0
4N	23E	32	SE1/4 of the NW1/4	15.0
4N	23E	32	SW1/4 of the NE1/4	3.3
4N	23E	32	NE1/4 of the SE1/4	6.6
4N	23E	32	NW1/4 of the SE1/4	28.4 28.3
4N	23E	32	NE1/4 of the SW1/4	40.0
4N	23E	32	NW1/4 of the SW1/4	40.0
4N	23E	32	SW1/4 of the SW1/4	39.3
4N	23E	32	SE1/4 of the SW1/4	39.1
4N	23E	32	SW1/4 of the SE1/4	39.4
4N	23E	32	SE1/4 of the SE1/4	39.9
4N	23E	33	NE1/4 of the SW1/4	25.7
4N	23E	33	NW1/4 of the SW1/4	32.7
4N	23E	33	SW1/4 of the SW1/4	28.2
4N	23E	33	SE1/4 of the SW1/4	20.0
4N	23E	33	SW1/4 of the SE1/4	0.3
3N	23E	4	NW1/4 of the NE1/4	25.3
3N	23E	4	NE1/4 of the NW1/4	37.4
3N	23E	4	NW1/4 of the NW1/4	23.2
3N	23E	4	SW1/4 of the NW1/4	38.5
3N	23E	4	SE1/4 of the NW1/4	37.2
3N	23E	4	SW1/4 of the NE1/4	15.1
3N	23E	4	NW1/4 of the SW1/4	18.0
3N	23E	4	NE1/4 of the SW1/4	2.6
3N	23E	5	NE1/4 of the NE1/4	22.1
3N	23E	5	NW1/4 of the NE1/4	26.9
3N	23E	5	NE1/4 of the NW1/4	39.7
3N	23E	5	NW1/4 of the NW1/4	38.6
3N	23E	5	SW1/4 of the NW1/4	32.3
3N	23E	5	SE1/4 of the NW1/4	10.0
3N	23E	5	SW1/4 of the NE1/4	25.6
3N	23E	5	SE1/4 of the NE1/4	38.4
3N	23E	5	NE1/4 of the SE1/4	35.3

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ATTACHMENT (Continued)

3N	23E	5	NW1/4 of the SE1/4	39.8
3N	23E	5	NE1/4 of the SW1/4	30.0
3N	23E	5	NW1/4 of the SW1/4	28.6
3N	23E	5	SW1/4 of the SW1/4	34.6
3N	23E	5	SE1/4 of the SW1/4	27.1
3N	23E	5	SW1/4 of the SE1/4	6.8
3N	23E	5	SE1/4 of the SE1/4	0.8
3N	23E	6	NE1/4 of the NE1/4	38.7
3N	23E	6	NW1/4 of the NE1/4	39.9
3N	23E	6	NE1/4 of the NW1/4	40.0
3N	23E	6	NW1/4 of the NW1/4	39.4
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3N	23E	6	SE1/4 of the NE1/4	36.7
3N	23E	6	NE1/4 of the SE1/4	24.2
3N	23E	6	NW1/4 of the SE1/4	30.5
3N	23E	6	NE1/4 of the SW1/4	36.7
3N	23E	6	NW1/4 of the SW1/4	37.5
3N	23E	6	SW1/4 of the SW1/4	16.3
3N	23E	6	SE1/4 of the SW1/4	19.4
3N	23E	6	SW1/4 of the SE1/4	18.5
3N	23E	6	SE1/4 of the SE1/4	39.6
3N	23E	7	NE1/4 of the NE1/4	26.8
3N	23E	7	NW1/4 of the NE1/4	31.9
3N	23E	7	NE1/4 of the NW1/4	39.7
3N	23E	7	NW1/4 of the NW1/4	3.3
3N	23E	7	SW1/4 of the NW1/4	0.3
3N	23E	7	SE1/4 of the NW1/4	18.0
3N	23E	7	SW1/4 of the NE1/4	6.9
3N	23E	8	NW1/4 of the NW1/4	2.4

TOTAL 2527.9

10. (a) To supply the city of N.A.

(Name of) County, having a present population 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, \$ 946,000

12. Construction work will begin on or before November 1971

13. Construction work will be completed on or before March 1975, 10-1-95

14. The water will be completely applied to the proposed use on or before July 1975, 10-1-95

Signature of applicant

General Manager, Boardman Development The Boeing Co.

Remarks: (1) This requested amount of water is based on 2,528 acres of potentially irrigable land and 1/40 cfs per acre.

(2) The initial phase of development on this tract is planned for 1,970 acres of irrigated pasture within the potentially irrigable tract. Facilities for this phase are described. Subsequent facilities developments may be made to fully utilize the requested amount of water.

(3) The number of acres shown in each 40 acre subdivision is for the full planned development of 2,528 acres.

(4) The water supply system is presently being designed. The information in this application is that available at the present time. As the design progresses, changes affecting the scope of the application will be brought to the attention of the State Engineer.

STATE OF OREGON, } ss. County of Marion,

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, } ss.
County of Marion, }

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 63.2 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 Columbia River

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

If for irrigation, this appropriation shall be limited to 1/40 of one cubic foot per second or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed 4 1/2 acre feet per acre for each acre irrigated during the irrigation season of each year.

and shall be subject to such reasonable rotation system as may be ordered by the proper state officer.

July 23, 1971 for 56.1 cfs
The priority date of this permit is September 14, 1971 for 7.1 cfs

Actual construction work shall begin on or before October 27, 1972 and shall

thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1973...

Extended to October 1, 1990 Extended to Oct. 1985 B Extended to Oct. 1 1981 10-1-95
Complete application of the water to the proposed use shall be made on or before October 1, 1974.
Extended to October 1, 1990 Extended to Oct. 1985 C Extended to Oct. 1 1981 10-1-95

WITNESS my hand this 27th day of October, 1971

B+C to 10-1-96

Chris L. Wheeler
STATE ENGINEER

Application No. 48484
Permit No. 35425

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 14 day of Sept 1971, at 1:00 o'clock A. M.

Returned to applicant:

Approved:

October 27, 1971

Recorded in book No. of Permits on page 35425

CHRIS L. WHEELER
STATE ENGINEER

Drainage Basin No. 7 page

Fees 90.78