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STATE ENGINEER

Permit No. 24144

*APPLICATION FOR PERMIT

To Appropriate the Public Waters of the State of Oregon

I, State of Oregon, Eastern Oregon State Hospital
(Name of applicant)

of Box A, Pendleton, 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

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1. The source of the proposed appropriation is Birch Creek and Umatilla River
(Name of stream)
, a tributary of Umatilla and Columbia Rivers

2. The amount of water which the applicant intends to apply to beneficial use is one-half cubic feet per second. apx. 1/2 from each of above named streams. See Remarks.
(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
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)

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4. The Birch Cr. point of diversion is located 298 ft. N. (N. or S.) and 1872 ft. W. (E. or W.) from the East 1/4 corner of section 13, T. 2 N.
(Section or subdivision)

The Umatilla River point of div. is located S 54°00'E 960ft from NW cor Sec 18 T 2N, R 32E WM being within the NW, NW Sec 18, T 2N, R 32E W.M.

(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, NE (Give smallest legal subdivision) of Sec. 13, Tp. 2 N (N. or S.),

R. 31 E. (E. or W.), W. M., in the county of Umatilla.

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

DESCRIPTION OF WORKS

Diversion Works— Umatilla R.

6. (a) Height of dam feet, length on top apprx 70 feet, length at bottom 70 feet; material to be used and character of construction Concrete intake, (Timber, concrete, etc.)
concrete wing. Height of water controlled with flashboards.
(rock and brush, timber crib, etc., wasteway over or around dam)

(b) Description of headgate Sheet Steel sheer gate set in concrete intake wall.
(Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description Centrifugal
(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 Hydro-electric Commission. Either of the above forms may be secured, without cost, together with instructions by addressing the State Engineer, Salem, Oregon.

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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) 3 feet; width on bottom 2.5 feet; depth of water 2 feet; grade 1 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, 1300 ft.; size at intake, 22 in.; size at 1300 ft. from intake 22 in.; size at place of use 22 in.; difference in elevation between intake and place of use, 1 3 ft. Is grade uniform? Yes Estimated capacity, 6 33 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
2 N	31 EWM	13	SW¼ NE¼	5.47 A
			SE¼ NE ¼	0.37
			NW¼ SE¼	0.23
			NE¼ SE¼	0.10
				6.17 A

(If more space required, attach separate sheet)

(a) Character of soil Pilot Rock silt loam

(b) Kind of crops raised Grass & legume pasture

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 ..... (Head) feet.

(d) The nature of the works by means of which the power is to be developed .....

(e) Such works to be located in ..... (Legal subdivision) of Sec. ....., 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— 24141

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, $ none

12. Construction work will begin on or before no construction required

13. Construction work will be completed on or before " " "

14. The water will be completely applied to the proposed use on or before between June 1 and September 15.

Eastern Oregon State Hospital
(Signature of applicant)
By: C. E. Long
C. E. Long, Business Manager

Remarks:

Birch creek will be the primary source of water until it runs dry. Then Umatilla River, from a nearby irrigation ditch, will provide a supplementary supply of water. It is proposed to use a sprinkler system with 26 heads which system is used in other portions of the farm land. Continuous operation of the sprinklers is not contemplated.

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

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 0.15 *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* Birch Creek and Umatilla 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 4½ acre feet per acre for each acre irrigated during the irrigation season of each year; water to be diverted from Birch Creek when available and any deficiency in the available supply in Birch Creek is to be made up by diversion from Umatilla River, providing that the total quantity diverted from both streams shall not exceed 1/40th c.f.s. 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 April 5, 1956

Actual construction work shall begin on or before May 23, 1957 *and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 19*5 .

*Complete application of the water to the proposed use shall be made on or before October 1, 19*59 .

WITNESS my hand this 23rd *day of* May , *19*56 .

STATE ENGINEER

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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 [illegible] *day of* [illegible], *19*56 *at* [illegible] *o'clock* [illegible] *M.*

Return to applicant

Approved

May 23, 1956

Recorded in book No. 64 *of Permits on page* 24144

LEWIS A. STANLEY
STATE ENGINEER

Drainage Basin No. [illegible]

State Printing 6062