

* APPLICATION FOR PERMIT

To Appropriate the Public Waters of the State of Oregon

I, The United States of America, acting through the Bureau of Reclamation of Box 937, Boise, State of Idaho, 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 Snake River, a tributary of Columbia River.

2. The amount of water which the applicant intends to apply to beneficial use is 176 cubic feet per second.

**3. The use to which the water is to be applied is irrigation and incidental domestic use.

4. The point of diversion is located 408.5 ft. and 5.38 ft. from the NW 1/4 corner of sec. 2, T. 17 S., R. 47 E., W. M.

Feeder canal diverts from the main channel on grade located 590 feet West of the E 1/4 corner Sec. 2, being within the SE 1/4 NE 1/4, Section 2.

being within the NW 1/4 NW 1/4 of Sec. 2, Tp. 17 S., R. 47 E., W. M., in the county of Malheur

5. The High Lift Canal to be 10 miles in length, terminating in the NW 1/4 NW 1/4 of Sec. 6, Tp. 16 S., R. 47 E., W. M., the proposed location being shown throughout on the accompanying map.

DESCRIPTION OF WORKS

Diversion Works— SEE REMARKS

6. (a) Height of dam feet, length on top feet, length at bottom feet; material to be used and character of construction

(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 beginning of high lift canal headgate. At ~~headgate~~: width on top (at water line) 17.2 feet; width on bottom 7.0 feet; depth of water 3.40 feet; grade 0.55 feet fall per one thousand feet. middle lift

(b) At beginning of/ miles from headgate: width on top (at water line) 17.6 feet; width on bottom 8.0 feet; depth of water 3.2 feet; grade 4.0 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 3401

Township	Range	Section	Forty-acre Tract	Number Acres To Be Irrigated
The lands irrigated are within the Payette-Oregon Slope Irrigation District, the Crystal Irrigation District, the Bench Irrigation District, and the Slide Irrigation District. The land description is by 40-acre subdivisions, and the number of acres irrigated are shown on pages 106 - 116 of the accompanying document entitled "Detailed Land Classification, Owyhee Project, Idaho-Oregon, December 1946", which is incorporated by reference into this application.				

(If more space required, attach separate sheet)

(a) Character of soil deep silt loam.

(b) Kind of crops raised the usual general farm crops including hay, grain, beets, potatoes, and miscellaneous truck 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

PAYETTE-OREGON SLOPE IRRIGATION DISTRICT

Sec.	Tract	Basic Irrigable Credit Lands	Temporarily Full Charge Lands	Suspended Irrigable	Class 5
		acres	acres	acres	acres

Township 16 South, Range 47 East, W. M.

8	NESW	34			
	NESE	38			
	NWSE	39			
	SWSE	37			
	SESE	36			
10	SWSW	20			
14	NESW	21			
	SWSW	30			
	SESW	38			
	NESE	37			
	NWSE	27			
	SWSE	39			
	SESE	33			
15	NENE	26			
	NWNE	25			
	SWNE	34			
	SENE	13			
	NEEW	32			
	NWNW	38			
	SWNW	35			
	SEEW	34			
	NESW	26			
	NWSW	34			
	SWSW	23			
	SESW	33			
	NESE	24			
	NWSE	35			
	SWSE	37			
SESE	33				
16	NEEW	38			
	NWNW	39			
	SWEW	34			

PAYETTE-OREGON SLOPE IRRIGATION DISTRICT

Sec. :	Tract :	Basic Irrigable :	Temporarily Suspended :
:	:	Credit : Full Charge :	Irrigable : Class 5 :
:	:	Lands : Lands :	:
		acres	acres

Twonship 16 South, Range 47 East, W. M., Cont'd

✓ 16	SESW	39
	NESW	35
	NESE	40
	NWSE	38
	SWSE	29
	SESE	33
✓ 17	NENE	38
	NWNE	18
	SENE	8
21	NENE	28
	SENE	31
22	NENE	38
	NWNE	38
	SWNE	37
	SENE	38
	NENW	31
	NWNW	33
	SWNW	35
	SENW	29
	NESW	33
	NWSW	32
	SWSW	13
	SESW	32
	NESE	36
	NWSE	39
	SWSE	35
	SESE	36
23	NENE	35
	NWNE	39
	SWNE	38
	SENE	32

PAYETTE-OREGON SLOPE IRRIGATION DISTRICT

Sec.	Tract	Basic Irrigable		Temporarily	Suspended
		Credit	Full Charge	Irrigable	Class 5
		Lands	Lands		
		acres	acres	acres	acres

Township 16 South, Range 47 East, W. M., Cont'd

23	NENW	38
	NWNW	37
	SWNW	37
	SENW	38
	NESW	38
	NWSW	38
	SWSW	37
	SESW	38
	NESE	32
	NWSE	36
	SESE	36
25	SWSW	35
26	NENE	37
	NWNE	34
	SWNE	32
	SENE	38
	NENW	37
	NWNW	26
	SWNW	35
	SENW	37
	NESW	29
	NWSW	34
	SWSW	31
	SESW	34
	NESE	38
	NWSE	38
SESE	38	
27	NENE	36
	NWNE	36
	SWNE	37

PAYETTE-OREGON SLOPE IRRIGATION DISTRICT

Sec. :	Tract :	Basic Irrigable :		Temporarily :	Suspended :
		Credit :	Full Charge :		
:	:	Lands :	Lands :	:	:
		<u>acres</u>	<u>acres</u>	<u>acres</u>	<u>acres</u>

Township 16 South, Range 47 East, W. M., Cont'd

✓ 27	SENE	38
	NENW	18
	SENW	9
	NESE	34
	NWSE	36
	SWSE	36
	SESE	37
✓ 34	NENE	33
	NWNE	37
	SWNE	22
	SENE	24
	NENW	8
	SENW	19
	NESE	36
	NWSE	9
	SWSE	3
	SESE	27
35	NENE	38
	NWNE	35
	SWNE	36
	SENE	37
	NENW	36
	NWNW	35
	SWNW	36
	SENW	35
	NESW	34
	NWSW	38
	SWSW	26
	SESW	26
	NESE	30
	NWSE	39

PAYETTE-OREGON SLOPE IRRIGATION DISTRICT

Sec.	Tract	Basic Irrigable Credit Lands	: Full Charge Lands	: Temporarily Irrigable	: Suspended Class 5
		<u>acres</u>	<u>acres</u>	<u>acres</u>	<u>acres</u>
Township 16 South, Range 47 East, W. M., Cont'd					
✓ 35	SWSE	28			
✓ 36	Lot 1	12			
	NWNW	34			
	SWNW	16			
	NWSW	2			
Township 17 South, Range 47 East, W. M.					
✓ 2	Lot 2	5			
	Lot 3	21			
	Lot 4	31			
	SWNW	2		13	
	SESW	28			
	NESW	27			
	NWSW	31			
	SWSW	37			
3	Lot 1	3			
	SESW	9			
	NESE	12			
	NWSE	9			
	SWSE	18			
	SESE	25			
10	NENE	37			
	NWNE	18			5
	SWNE	21			4
	SENE	36			
	NENW	21			
	NWNW	6			
	SWNW	23			
	SESW	17			19
	NESE	26			
11	SWNW	17			
	Total	4,658		13	28

CRYSTAL IRRIGATION DISTRICT

Sec. :	Tract :	Basic Irrigable :		Temporarily Suspended :
		Credit Lands :	Full Charge Lands :	
		acres	acres	acres

Township 16 South, Range 47 East, W. M.,

13	Lot 2 (NEED)	11
	SWNW	26
	SESW	33
	NESW	29
	NWSW	36
	SWSW	37
	SESW	32
	SWSE	35
	SESE	34
24	NENE	36
	NWNE	37
	SWNE	38
	SENE	34
	NENW	32
	NWNW	33
	SWNW	38
	SENW	38
	NESW	36
	NWSW	39
	SWSW	38
	SESW	37
	NESE	39
	NWSE	38
	SWSE	38
	SESE	38
25	NWNE	38
	NENW	37
	NWNW	38
	SWNW	38
	SENW	38
	NESW	38
	NWSW	35
	SESW	38

24286

24286

Sheet 112 of 116 sheets.

CRYSTAL IRRIGATION DISTRICT

Sec.	Tract	Basic Irrigable		Temporarily	Suspended
		Credit	Full Charge	Irrigable	Class 5
		Lands	Lands		
		ACRES	ACRES	ACRES	ACRES

Township 16 South, Range 48 East, W. M.

19	Lot 3	25
	NWSW	36
	SWSW	39
	Lot 4	18
	Total	1,280

BENCH IRRIGATION DISTRICT

Sec.	Tract	Basic Irrigable		Temporarily	Suspended
		Credit Lands	Full Charge Lands	Irrigable	Class 5
		acres	acres	acres	acres

Township 15 South, Range 47 East, W. M.

31	SESW	26			
	SWSE	21			
	SESE	32			

Township 16 South, Range 47 East, W. M.

4	SWNW	19			
	Lot 3	33			
	NESW	37			
	NWSW	28			
	SWSW	36			
	SESW	30			
	Lot 5	7			

5	Lot 1	61			
	Lot 2	65			
	SWNE	39			
	SENE	38			
	Lot 3	62			
	Lot 4	57			
	SWNW	37			
	SENW	33			
	NESW	33			
	NWSW	36			
	SWSW	38			
	SESW	34			
	NESE	38			
	NWSE	38			
	SWSE	38			
	SESE	37			

6	Lot 1	61			
	Lot 2	64			
	SWNE	37			
	SENE	40			
	Lot 3	62			
	NESE	39			
	NWSE	25			
	SWSE	20			
	SESE	35			

BENCH IRRIGATION DISTRICT

Sec.	Tract	Basic Irrigable Credit Lands	Temporarily Full Charge Lands	Suspended Irrigable	Class 5
		acres	acres	acres	acres

16

Township 15 South, Range 47 East, W. M., Cont'd

✓ 7	SWNE	9			
	SENE	36			
	NESE	37			
✓ 8	NENE	38			
	NWNE	38			
	SWNE	39			
	SENE	38			
	NENW	36			
	NWNW	38			
	SWNW	38			
	SENW	35			
9	Lot 1	11			
	SWNE	22			
	NENW	38			
	NWNW	34			
	SWNW	37			
	SENW	39			
	NESW	39			
	NWSW	37			
	SWSW	36			
	SESW	36			
	NESE	13			
	NWSE	37			
	SWSE	38			
	SESE	38			
✓ 16	NENE	36			
	NWNE	35			
	SWNE	38			
	SENE	37			

Total 2,319

SLIDE IRRIGATION DISTRICT

Sec.	Tract	Basic Irrigable		Temporarily	Suspended
		Credit	Full Charge	Irrigable	Class 5
		Lands	Lands		
		acres	acres	acres	acres

ok
Township 15 South, Range 46 East, W. M.

25	Lot 3	25
	Lot 4	11
	SESW	27
	NESW	38
	NWSE	14
	SWSE	35
	SESE	38

36	NENE	35
	NWNE	31
	SWNE	15
	SENE	30
	NEEW	3
	NENE	10

ok
Township 15 South, Range 47 East, W. M.

30	Lot 4	15
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31	NENE	13
	NWNE	1
	SWNE	30
	SENE	30
	NEEW	19
	Lot 1	29
	Lot 2	31
	SEEW	29
	NESW	34
	Lot 3	34
	Lot 4	15
	NENE	32
	NWSE	29

32	SWNE	22
	SENE	8

SLIDE IRRIGATION DISTRICT

Sec.	Tract	Basic Irrigable Credit Lands	Temporarily Suspended Irrigable Lands	Class 5
		ACRES	ACRES	ACRES

Township 15 South, Range 47 East, W. M. Cont'd

✓ 32	SWNW	36		
	SENW	33		
	NESW	31		
	NWSW	32		
	SWSW	37		
	SESW	39		
	NWSE	34		
	NWSE	39		
	SWSE	32		
	SESE	35		
✓ 33	Lot 3 (Surrender)	3		
	Lot 4 (New Sec)	17		
	Lot 5 (Surrender)	16		

Township 16 South, Range 47 East, W. M.

✓ 4	Lot 2 (New Sec)	10		
	Lot 1 (New Sec)	46		
6	Lot 4 (New Sec)	21		

Total 1,144

Municipal or Domestic Supply—

10. (a) To supply the city of

(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

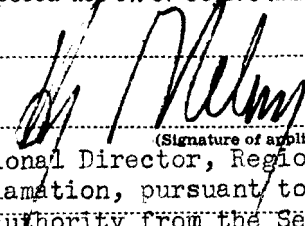
(Answer questions 11, 12, 13, and 14 in all cases)

11. Estimated cost of proposed works, \$...3,440,000.....

12. Construction work ~~will be~~ ^{began} on or before 1937.....

13. Construction work ~~will be~~ completed on or before 1939.....

14. The water will be completely applied to the proposed use on or before 1951.....


(Signature of applicant)
Regional Director, Region 1, Bureau of Reclamation, pursuant to a proper delegation of authority from the Secretary of the Interior.

Remarks: This application is made in connection with the Owyhee federal reclamation project being constructed by the United States under the Federal Reclamation Laws, these being the act of June 17, 1902 (32 Stat. 388) as supplemented and amended, and in pursuance particularly of section 8 of the act of June 17, 1902. The delivery of water here appropriated is subject to the provisions of the repayment contracts between the United States and the irrigation districts on the Owyhee Project, the latest proposed contract being that dated August 29, 1951. Under those contracts, and under the plan of operation of the Owyhee Project, the water here involved is in part replacement water which will provide increased carryover storage in Owyhee Reservoir for use on lands of the project under Permits Nos. R-599 and 3171.

Lead Ox Pumping Plant - one 10 sec.-ft. unit discharges through a 24-inch diameter pipeline 275 feet long under a normal dynamic head of 50.5 feet to the low lift pump canal; two 38 sec.-ft. units discharge through a 48-inch diameter pipeline 400 feet long under a normal dynamic head of 83 feet to the middle lift pump canal; and two 45 sec.-ft. units discharge through a 54-inch diameter pipeline 650 feet long under a normal dynamic head of 111 feet to the high lift pump canal. These pipelines were constructed of precast lock-joint concrete pipe. Steel pipe lines extend a short distance from the pumps to the beginning of the concrete pipelines.

All 5 motors are synchronous, 2,300 volt, 60 cycle, 3 phase motors. One each 75 h.p. 10 sec.-ft; 2 each 500 h.p. 38 sec.-ft; 2 each 800 h.p. 45 sec.-ft.

All pumps are vertical shaft, single suction, centrifugal type.

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.....

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 176.0 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 Snake River

The use to which this water is to be applied is supplemental 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 6.7 acre feet per acre for each acre irrigated during the irrigation season of each year; provided further that the amount of water allowed herein, together with the amount secured under any other right existing for the same lands shall not exceed the limitation allowed herein,

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 1, 1951

Actual construction work shall begin on or before July 25, 1957 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1958

Complete application of the water to the proposed use shall be made on or before October 1, 1959

WITNESS my hand this 25th day of July, 1956

Levis A. Stanley
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.

Application No. 26525
Permit No. 27286

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 15th day of October
1956 at 8 o'clock A. M.

Returned to applicant:

Corrected application received:

Approved: July 25, 1956

Recorded in book No. 64 of
Permits on page 24286

LEVIS A. STANLEY
STATE ENGINEER

Drainage Basin No. 10 Page 7

Fees Paid 154.00