ABSTRACT MADE

\* Permit No.....4951

APPLICATION FOR A PERMIT

ASSIGNED, Sec. Misc. Rec. Vol. 2 , Page 8

# To Appropriate the Public Waters of the State of Oregon

	(Name of Applicant)
Medford (Postoffice)	Jackson Jackson
State of Cregon	, do hereby make application for a permit to appropriate the
following described public waters of the S	State of Oregon subject to existing rights:
If the applicant is a corporation, given	ve date and place of incorporation
Medford Oregon May	9, 1910
	priation is See attached sheets (Name of stream)
tributary of	
2. The amount of water which the ap	plicant intends to apply to beneficial use is See attached
sheets cubic feet per sec	ond.
3. The use to which the water is to	be applied is see attached sheets (Irrigation, power, mining, manufacturing
domestic supplies, etc.)	
·	See attached sheets (Give distance and bearing to section corner)
	of Sec. , Tp.
R, W. M., in the county	bdivision) (No. N. or S.)  of
(No. E. or W.)	to be
(Main ditch, canal	or pipe line)
	est legal subdivision) (No. N. or S.)
(No. E. or W.)	tion being shown throughout on the accompanying map.
	oner works is
DES	SCRIPTION OF WORKS
	SCRIPTION OF WORKS
Diversion Works—	
Diversion Works— 7. (a) Height of dam see attache	d feet, length on top sheets feet, length at botton
Diversion Works—  7. (a) Height of dam see attache feet; material to be used an	d feet, length on top sheets feet, length at bottom  ad character of construction [Loose rock, concrete
7. (a) Height of dam see attache feet; material to be used an masonry, rock and brush, timber crib, etc., wasteway	d feet, length on top sheets feet, length at botton d character of construction (Loose rock, concrete

T-7439

## CANAL SYSTEM-

from headgate. At headgate: Width on top	(at water line)	feet; width on bottom
feet; depth of water		
thousand feet.		en e
(b) At miles from I	headgate. Width on top (at we	
feet; width on bottom		
grade feet fall per one		
FILL IN THE FOLLOWING INFOR		
IRRIGATION—		
9. The land to be irrigated has a total a	rea of	acres, located in each
smallest legal subdivision, as follows:(Give a	area of land in each smallest legal subdiv	vision which you intend to irrigate.)
•		
A 2 - 0 + 24 + 243		
		<u> </u>
POWER, MINING, MANUFACTURING, OR TRAN	ce required, attach separate sheet)	
10. (a) Total amount of power to be do		theoretical horsepower
<ul><li>(b) Total fall to be utilized</li><li>(c) The nature of the works by me</li></ul>		e developed
(c) The nature of the worns of mo		
(d) Such works to be located in		
•		
(No. N. or S.) (No. E. or W.)		
(e) Is water to be returned to any		
	e point of return	
(f) If so, name stream and locate	· ·	
, Sec	, Tp(No. N. or S.)	
(g) The use to which power is to b	(No. N. or S.) be applied is	
(g) The use to which power is to b	(No. N. or S.) be applied is	

1. The source of the proposed appropriation is, waste, return, seepage, spring, underflow, storm waters arising or which may in the future arise on lands lying above each of the following canals: Little Butte Canal, District Canal, Phoenix Canal, Fopkins Canal, Oakleigh Canal, Junction Canal and Agate Canal, Bear Creek Canal, and from all sources of supply referred to in Permits No. E-19, 407 and R-50.

Of the above canals, the following are now constructed: Bear Creek Canal, Little Butte Canal, Hopkins Canal, and Phoenix Canal, the latter three to be enlarged, and the latter two to be extended. The above mentioned water being accumulated in Little Butte, Lake, Csborne, Eagle, Yankee, Antelope, Dry, Bear, Anderson, Coleman, Griffin, Jackson, Horn and Willow Creeks and their tributaries, together with all unnamed creeks, depressions, draws, gulches, ravines, coulees, swales, arroyos and dry washes, and in all existing or proposed waste ditches, open or closed drainage conduits or lines of tile, drains crossing or intersecting or flowing into each or any or all of the canals above named, including the existing and proposed laterals therefrom.

All of the above mentioned waters being tributary to Rogue River in Jackson County Oregon.

- 2. The amount of water which the applicant intends to apply to beneficial use is, from Little Butte Creek 50, Yankee 15, Antělope 15, Dry 15, Bear 100, Anderson 10, Coleman 10, Griffin 25, Jackson 15, Horn 5, and Willow 10, and from all other sources 30, making a total of 300 second feet.
- the irrigation of lands lying under the various canals mentioned, which lands are particularly described in an application and permit, as heretofore assigned to the applicant herein, with the State Engineer of Cregon at Salem, Oregon. This supplemental supply is to reduce the amount of water to be supplied from storage. In addition to the said supplemental supply, the water is to be used to irrigate new lands not heretofore referred to, but which will be found enumerated in this application.
  - 4. The points of diversion are located as follows:

Into LITTLE BUTTE CANAL .

From Lake Creek, in the NE<sup>1</sup>/<sub>4</sub>, section 30, twp. 36 S R 2 E W.M.

From Csborne Creek, in the NE<sup>1</sup>/<sub>4</sub> NW<sup>1</sup>/<sub>4</sub> of section 25, Twp 36 S R 1 E of W.M.

From all unnamed water courses and water ways as hereinbefore mentioned at the points of intersection or confluence of such with the said District Canal.

#### INTO DISTRICT CANAL

From Mankee Creek, in the NW1 Section 29, Twp. 36 S R 1 E W.M.

From Antelope Creek in the SE4 Section 31, Twp. 36 S. R. 1 E. W.M.

From Dry Creek in the SE1 Sec. 36 Twp 36 S R 1 W of W.M.

From all unnamed water courses and water ways as herein defore mentioned at the points of intersection or confluence of such with the said District Canal.

### Into PHCENIX CANAL

From Bear Creek, N 24° 46° E. 716 ft. from center of section 23, Twp 38 S R 1 W of W.M.

FromAnderson Creek, in the NEA SWA of Section 15, Twp. 38 S R 1 W of W. M.

From Coleman Creek, in the SE SW4 Section 9, Twp 38 S. R. 1 W. of W.M.

From Griffin Creek, in Lot #4, Section 2, Twp. 38 S R W of W.M.

From Jackson Creek in the  $N_2^1$  SE $_4^1$  and in the S $_2^1$  NE $_4^1$  of Section 29, Twp 37 S. R. 2 W. of W.M.

From Horn Creek in the NW Section 21, Twp 37 S R 2 W of W.M.

From all unnamed water courses and waterways as hereinbefore mentioned at the points of intersection or confluence of such with the said Phoenix Canal.

### Into HOPKINS CANAL

From Yankee Creek in the SE1 SE1 Section 19 Twp. 36 S.R. 1 E of W.M.

From Antelope Creek, S 24° 30° W 980 ft. from the center of the NE4 of Section 30, Twp.

36 S.R. 1 E of W.M.

From Dry Creek, in the  $E_2^1$  SE $_4^1$  of Section 23, Twp 36 S R 1 W of W.M.

From Griffin Creek, N 22° 30' W 1965 ft. from the SE corner of D.L.C. #66.

From Jackson Creek, Due North, 2060 ft. from the SW corner of D.L.C. #66.

From Forn Creek in the NE4 NE4 Section 16, Twp 37 S R 2 W. of W.M.

From Willow Greek in the NE4 SW4 Section 32, Twp. 36 S.R. 1 W. of W.M.

From all unnamed water courses or waterways as hereinbefore mentioned at the points on intersection or confluence of such with the said Hopkins Canal.

## Into BEAR CREEK CANAL

From Bear Creek, N 45° E, 1400 ft. from SW corner Section 19, Twp 37 S R 1 W of W.M.

From all unnamed wafer courses or waterways as hereinbefore mentioned at the points of intersection or confluence of such with the said Bear Creek Canal.

## Into AGATE CANAL

From Little Butte Creek, due north 2000 ft, from the  $E_4^1$  corner section 3, twp. 36 S R

From Antelope Creek, in the SW1 Section 10, Twp. 36 S R 1 W of W.M

Water St. W. Wallet St.

From all unnamed water courses or waterways as hereinbefore mentioned at the points of intersection or confluence of such with the said Agate Canal.

#### Into JUNCTION CANAL

From Bear Creek, N 87° 15° W 1335 ft. from the  $E_4^1$  corner of section 2, Twp. 37 S R. 2 W of W.M.

From all unnaned water courses or water ways as here inbefore mentioned at the points of intersection or confluence of such with the said Junction Canal.

#### Into OAKLEIGH CANAL

From Bear Creek, N 87° 15° W 1335 ft. from the  $E_4^1$  corner of section 2, Twp 37 S R 2 W of W.M.

From Griffin Creek in the  $SE_4^1$   $SW_4^2$  Section 34, Twp 36 S R 2 W of W.M. From Jackson Creek in the  $NE_4^1$   $SE_4^1$  Section 33, Twp 36 S R 2 W of W.M.

From all unnamed water courses or water ways as herein before mentioned, at the points of intersection or confluence of such with the said Cakleigh Canal.

5. The LITTLE BUTTE CANAL is 17 miles in length, terminating in the SW1 SW1 of Section 8, township 36 S R 2 W. W.M. The location being shown on the accompanying map.

The DISTRICT CANAL from Bradshaw Drop to its terminus in the  $SE_{4}^{1}$  NW<sup>1</sup><sub>4</sub> of section 15, Twp. 38 S R 1 W of W.M. will be 30.7 miles long, its location bearing shown on the accompanying map.

The PHOENIX CANAL from its intake at Bear Creek is 17.7 miles in length, terminating in the  $NE_4^1$  SW $_4^1$  Section 5, township 37 S R 2 W of W.M. The location being shown on the accompanying map.

The HOPKINS CANAL from Bradshaw Drop to its terminus in the  $NE_4^{\frac{1}{4}}$  SW $_4^{\frac{1}{4}}$  section 29, Township 36 S R 2 W of W.M., the location being shown on the accompanying map.

The BEAR CREEK CANAL is 0.54 miles in length, terminating in Lot #2 section 19, Twp 37 S R 1 W of W.M., the location being shown on the accompanying map.

The AGATE CANAL to be approximately 16 miles in length, terminating in the  $SW_4^1$  NE $_4^1$  Section 2, Twp. 37 S R 2 W of W.M., the location being shown on the accompanying map.

The JUNCTION CANAL to be approximately 5 miles in length, terminating in the  $SE_4^1$   $SE_4^2$  Section 14, Twp. 36 S R 2 W of W.M., the proposed location being shown on the accompanying map.

6. The names of the canals are, Little Butte Canal, District Canal, Phoenix Canal, Bear Creek

Hopkins Canal, Agate Canal, Junction Canal and Cakleigh Canal.

DIVERSION WORKS-

7. (a) From Little Butte Creek into the Agate Canal:
height of dam 4 ft., length on top 75 ft., length at bottom 75 ft., of concrete;
wasteway over dam.

From Antelope Creek into the Agate Canal:

height of dam 2 ft; length on top 60 ft; length at bottom 60 ft., of concrete; wasteway over dam.

From all other sources date the Agate Canal, water is to be diverted by suitable structures constructed at the point of intersection of such with the said Agate Canal.

Diversion from Bear Creek into both the Junction Canal and the Cakleigh Canal;

height of dam 2 ft.; length on top 100 ft.; length at botton 100 ft.; of concrete; waste-way over dam.

From Griffin and Jackson Creeks into the Oakleigh Canal By timber checks with concrete cutoff walls installed at the intersection of said creeks with Cakleigh Canal.

From all other sources into both the Cakleigh and Junction Canals by suitable structures installed at the intersections of such sources with said canals.

Diversion from Bear Creek into the Bear Creek Canal, height of dam 2 ft., length on top 75 ft., of timber crib construction; wasteway over dam.

Diversion from all sources in to the Hopkins Canal from Bradshaw Drop to the end to be made by the construction of suitable structures such as checks and wasteways placed at the points of intersection of such sources with the Hopkins Canal or by means of short ditches, from such sources into the said canal.

Diversion from all sources into the District Canal from Bradshaw Drop to Bear Creek to be made by the construction of suitable structures such as checks and wasteways placed at the points of intersection of such sources with the District Canal or by means of short ditches from such sources into said canal.

Diversion from Bear Creek into the Phoenix Canal, Height of dam 4 ft., length on top 125, length at bottom 125 ft., of concrete, wasteway over top of dam.

Diversion from all other sources into the Phoenix Canal to be made by the construction of suitable structures such as checks and wasteways placed at the points of intersection of such sources with the Phoenix Canal, or by means of short ditches from such sources, into said canal.

Diversion from Osborne Creek and Lake Creek into the Little Butte Canal to be made by the construction of short ditches from the creeks to the said canal and diversion from all other sources to be made by the construction of suitable structures at the intersection of such sources with the Little Butte Canal.

7. (b) Description of the various canal headgates is as follows:

AGATE CANAL, Timber construction, concrete cutoffs, gate opening 3° X 6°.

OAKLEIGH CANAL, Timber, gate opening 2½° X 4°.

JUNCTION CANAL, Timber, gate opening 2 x 5.

HOPKINS CANAL, Concrete. This will be the proposed bifurcation structure at head of Bradshaw Drop.

DISTRICT CAMAL, Concrete, The will be also, the proposed bifurcation structure at head of Bradshaw Drop.

BEAR CREEK CANAL, Timber, gate opening 3' X 6'.

PHOENIX CANAL, Concrete, gate opening 4' X 8'.

Other headgates whichmay be found necessary will be of timber with gate openings of sufficient size, to pass the available waste water.

8. (a) Give dimensions at each point of canal where materially changed in size, stating miles from headgate.

At headgate: AGATE CANAL.

Width on top at water line/11.2 ft.; width on bottom 6 ft.; depth of water 2.6 ft.; grade 0.7 feet fall per one thousand feet.

(b) No change insize of Agate Canal.

At headgate CAKLEIGH CANAL.

Width on top at water line 7.5 feet; width on bottom 3 ft.; depth of water 1.5 ft.; grade 1.0 feet fall per one thousand feet.

(b) At 2.5 miles from headgate;

Width on top at water line 6.9 feet; width on bottom 3 ft; depth of water 1.3 ft., grade 1.0 feet fall per one thousand feet.

At headgate: JUNCT ION CANAL.

Width on top at water line 10 ft.; width on bottom 6 ft.; depth of water 2 ft.; grade 1.0 ft. fall per one thousand fe et.

(b) At 2.0 miles from headgate:

Width on top at water line 7.5 feet; width on bottom 3 feet; depth of water 1.5 feet; grade 1.0 feet fall per one thousand feet.

At Headgate: HOPKINS CANAL.

Width on top at water line 15.5 feet; width on bottom 11 ft., depth of water

3 feet; grade 1.0 feet fall per one thousand feet.

(b) At 30 miles from headgate:

Width ont op at water line 12ft.; width on bottom 6 ft.; depth of water 3 ft.; grade 0.7 ft.; fall per onethousand feet.

At headgate: DISTRICT CANAL.

Width on top at water line 17.4 feet; width on bottom 12 ft., depth of water 3.6 ft.; grade 0.5 ft., fall per one thousand feet.

(b) At 25 miles from headgate;

Width on top at water line 12.8 ft.; width on bottom 8 ft.; depth of water 3.2 ft., grade 0.5 ft.; fall per one thousand feet.

At headgate: PFCENIX CANAL.

Width on top at water line 12.6 ft.; width on bottom 6 ft.; depth of water 3.3 ft.; grade 0.65 ft. fall per one thousand feet.

(b) At 9.25 miles from headgate;

Width on top at water line 10.8 ft.; width on bottom 6 ft; depth of water 2.4 ft; grade 017 ft. fall per one thousand feet.

At 14 miles from headgate:

Width on top at water line 6.8 ft.; width on bottom 3 ft.; depth of water 1.9 fts; grade 1.0 ft. fall per one thousand feet.

9. The land to be irrigated is the same as that described in applications numbered 194 and 589, permits numbered E 19 and 407 heretofore assigned to the applicant herein, with the State Engineer of Oregon, at Salem, Oregon, or so much thereof as lies under the above mentioned canals. In addition to this there is to be irrigated new land not heretofore mentioned having an area of 2828 acres, located in each smallest legal subdivision, as follows:

## Township 37 South, range 2 West, Section 4

SW4 SW4, 4;

**************************************							
Section 5.	Lot	1,	40;	Lot #2,	40;	SW1 NE	35;
	$SE_4^{\frac{1}{4}}$	NE1	40;	Lct #3	15;	$SE_{1}^{1}NW_{4}^{1}$	10.;
•		-	10;	NEX SEX	40;	NW4 SE4	40.;
	SWI	SET	25;	SEA SEA	40;		
Section 8.	NE A	NE	25;	NYA NE	2;	SE SE	2;
Section 9.	NW1	NW1	15;	SW NW	20;	NET SWT	5;
	NWI	SW1	25;	SW4 SW4	30;	SET SWT	15;
Section 16.	NE	NW -	10;	$NW_{4}^{1}NW_{4}^{1}$	5:		

## Township 36 South, Range 2 West

× 1		
Section 20	SW NE	30
	SEA NEA	10
	ne <del>l</del> se <del>l</del>	30
	NW SE	40
	SW4 SE4	36
	Se <del>l</del> Se <del>l</del>	37

Sect ion	21				Section	31
NW4 SW4 SW4 SW4	5; 30;				NEI NEI NWI NEI SWI NEI	30 28 15
Section.	28			•	$SE_{4}^{1} NE_{4}^{1}$	20
NW NE 1 SW NE 1	5 <b>30</b>				Sect ion	32
NET SET	15				NEA NEA	35
NWA SET	38			- i	SWI NE	15
{	38				SEA NEA	37
SE SE NW	35				SEI NEI	8
NET NWI	20	,			SE NE NE NE NE SW	15
NW NWI	20				cui cmi	15
SWA NWA	36				NET SET	40
SEI NWI	34				NWA SEL	40,
NE SW	37	,			NET SET NWT SET SWT SET SET SET	37
NW SW	30	, 7			SE‡ SE‡	40
SWI SWI	30					
SE4 SW4	<b>3</b> 5				Sect ion	33
Section	29				NEI NEI NWI NEI SWI NEI SEI NEI	40
					NWI NEI	38
NET NET	38	8			SW4 NE4	<b>3</b> 5
NW NE	15				SET NET	36
NET NET NET SET NET SET NET SET	15				NEI NWI NWI NWI SWI NWI SEI NWI NEI SWI	36
SET NET	30				NW NW	38
NE SE	20				SW NW	40
022 022	12		•		SE NW	38
NET NWT	35		•		NE4 SWA	40
NET NWT NWT NWT SWT NWT	36				NW SW SW SW SW SW SW SW SW	40
SW4 NW4	25			•	SVA SWA	40
SEI NWI	12				SEI SWI NEI SEI	40
Sect ion	<b>3</b> 0				NW SE	<b>3</b> 5 <b>3</b> 5
Dect ton	٠,,,	,			SW4 SE4	40
NET NET	10				SET SET	30
cmI maI	34				DEA DEL	
SET NET	40				Section	34
SET NET NET NET SWITCH	5					
NET SET	38				NW1 NW1	20
NW SE	40				SWI NWI	40
SW SE	30				SE <sup>1</sup> NW	5
SEL SEL	30			* -	NE4 SW4	36
			,		NW SW	40
					SW- SW-	40
					SE SW	37
					NW SE	5
					SW4 SE4	30
		*			SEZ SEZ	15
					Section	<b>3</b> 5
					SW4 SW4	5
					_	

- 12. Estimated cost of proposed works is \$1,100,000.00
- 13. Construction, work now under way.
- 14. Construction work will be completed on or before 1925.
- 15. The water will be completely applied to the proposed use on or before 1929.

Duplicate maps of the proposed works, prepared in accordance with the rules of the State Water Board have heretofore been filed with the above mentioned applications and permits, and supplemental maps accompany this application.

MUNICIPAL SUPPLY—	
11. To supply the city of	
(Name of) County, having a present	population of, and an
estimated population of	in 19
(Answer questions 12	2, 13, 14 and 15 in all cases)
12. Estimated cost of proposed works, \$.1,1	100,000.00
13. Construction work will begin on or befor	re Construct ion work now under way
	or before 1925
	the proposed use on or before1929
Duplicate maps of the proposed ditch or other	r works, prepared in accordance with the rules of th
State Water Board, accompany this application.	
	Rogue River Valley Canal Co.
	(Name of applicant) R. F. Moran, Sec
Signed in the presence of us as witnesses:	
,	Medford, Oregon
(Name)	(Address of Witness)
·	Medford, Oregon (Address of Witness)
Remurks: 11 19 the party of the property	pplication to supplement the flow of water i
means, to waive, impair, supplant, reduction the applicant herein may have heretofore	tended, by this application or by any other ce, modify or in any manner affect rights where according by filings, permits, assignments
$STATE\ OF\ OREGON, \ County\ of\ Marion, \ $	
This is to certify that I have examined the f	foregoing application, together with the accompanyin
maps and data, and return the same for correction	on or completion, as follows:
Amend application by	showing new land
, <b>4</b>	
	n must be returned to the State Engineer, with correc
tions, on or before	
WITNESS my hand this5	•
	Percy A. Cupper
	State Enginee

15

Permit No. 4951

## **PERMIT**

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF OREGON

District No
This instrument was first received in the office of the State Engineer at
Salem, Oregon, on the18 day
of, 19.20,
at3:30 o'clockP.M.
Returned to applicant for correction
Feb. 5, 1921
Corrected application received
February 19, 1921
Approved:
Mar. 6, 1921
Recorded in Book No 17 of
Permits, on Page 4951
Percy A. Cupper
1 Map \$86.28  R.S.

STATE OF OREGON, \\\structure{State of Marion, }\\\

This is to certify that I have examined the foregoing application and do hereby grant the same, subject to the following limitations and conditions: If for irrigation, this appropriation shall be limited to

includingwater, heretofor e appropriated one-eightieth 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 right herein granted is limited to the appropriation of water from Little Butte, Yankee, Antelepe, Dry, Bear, Anderson, Coleman, Criffin, Jackson, Horn, Willow Creeks and other sources for irrigation and a supplemental supply for the irrigation of land-already having a partial water right, and the right, shall not exceed the amount specified therein from any source of supply. To the extent that water is supplied to any of the lands herein described under a prior right, the right granted hereunder shall be deemed to be a supplemental supply for such lands.

Permits for power development are subject to the limitation of franchise as provided in Section 6633, Lord's Oregon Laws, and the payment of annual fees as provided in Chapter 213, Session Laws of 1915.

This form approved by the State Water Board, March 11, 1909.