

24090
See App Nos. G-24576 52520
R-24577

3 1005

Permit-

Permit No. 21721

*APPLICATION FOR PERMIT

To appropriate the Public Waters of the State of Oregon

I, L. V. Smart
(Name of applicant)
of 12020 S. W. Riverside Drive, Portland 1
(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

See attached pages for corrected data for items 1 to 8 inclusive

1. The source of the proposed appropriation is N Fork Crooked River Stewart
Creek, Sarvis Creek and two reservoirs (Name of stream) to Crooked River
constructed (Name of stream)

2. The amount of water which the applicant intends to apply to beneficial use is 3.8
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 irrigation
(Irrigation, power, mining, manufacturing, domestic supplies, etc.)

4. The point of diversion is located _____ ft. _____ and _____ ft. _____ from the
(N. or S.) (E. or W.)
corner of _____
(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 _____ of Sec. 5-8-17, Tp. 17S,
(Give smallest legal subdivision) (N. or S.)

R. DIE, W. M., in the county of Crook
(E. or W.)

5. The _____ to be _____
(Main ditch, canal or pipe line) (Miles or feet)
in length, terminating in the _____ of Sec. _____, Tp. _____,
(Smallest legal subdivision) (N. or S.)

R. _____ W. M., the proposed location being shown throughout on the accompanying map.
(E. or W.)

DESCRIPTION OF WORKS

Diversion Works—Sarvis Cr. 9.9
Stewart Cr. 9.9

6. (a) Height of dam _____ feet, length on top 300 feet, length at bottom 120
320 feet; material to be used and character of construction dirt (both)
(Loose rock, concrete, masonry,

rock and brush, timber crib, etc., wasteway over or around dam)

(b) Description of headgate _____
(Timber, concrete, etc., number and size of openings)

(c) If water is to be pumped give general description both flood and sprinkler
irrigation - details not determined.
(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—

NFK. Crooked R.

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) 4 feet; width on bottom 2 feet; depth of water 2 feet; grade 2 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, 1000 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, 40 ft. Is grade uniform? yes Estimated capacity, _____ sec. ft.

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

Township	Range	Section	Section	Forty-acre Tract	Number Acres To Be Irrigated	
Location of land to be irrigated:						
This Application						
Township	Range	Section	Tract*	Primary	Supplemental	Previous Rights
T 17 S	R 1 E	8	NE 1/4 NW 1/4	0.0	2.4	40.0
			NW 1/4 NE 1/4	0.0	5.6	40.0
			NE 1/4 NE 1/4	0.0	10.0	25.0
T 17 S	R 21 E	9	NW 1/4 NW 1/4	32.8	0.0	0.0
			NE 1/4 NW 1/4	12.0	30.0	0.0
			NW 1/4 NE 1/4	21.6	26.8	0.0
			NE 1/4 NE 1/4	12.8	25.2	0.0
			SW 1/4 NW 1/4	0.8	6.0	0.0
			SE 1/4 NW 1/4		8.2	
Total, this application				76.8	126.4	18.0
Grand Total, this application				144.488.8 Acres		

* Note : The forty acre tracts described above all are within the legal boundaries of Mr. Smart's land.

(If more space required, attach separate sheet)

(a) Character of soil Sandy loam

(b) Kind of crops raised alfalfa

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.

(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 _____

Application for Permit to appropriate
Water

21721

L. V. Smart: Applicant

Items 1 to 8

1. The source of the proposed appropriation is: Crooked River, Stewart Creek and two reservoirs thereon, and Sarvis Creek.

2. The amount of water which the applicant intends to apply to beneficial use is: 1,8098 cfs, 1,2098 cfs coming from Crooked River, 0,1000 cfs coming from Stewart Creek and its reservoirs, and 0,5000 cfs coming from Sarvis Creek, except that when Stewart Creek, its reservoirs, and Sarvis Creek are not flowing enough to provide their portion of the water required the balance shall be taken from Crooked River.

3. The use to which the water shall be applied is: Irrigation.

4. Points of diversion with data for items 5, 6, and 7.

1. Crooked River Diversion : Pump station 980 feet South and 2790 feet East of the NW corner of Sec. 9, T 17 S, R 21 E, W.M., being within the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of said section.

The pump station is to service two pipe lines: one being 980 feet long running north from the pump and terminating in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ of Sec. 9, T 17 S, R 21 E, the other being 2280 feet long terminating in the SW $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 9, T 17 S, R 21 E.

The pump is to be mounted on a concrete base in such a way that the pump and motor can be raised during high water. Probable size of pump: 2 in. with 5 BHP., 3450 RPM motor discharging into a 4 in. aluminum or equivalent capacity pipe with a maximum static head of approximately 50 feet. Estimated capacity : 340 gpm.

2. Dam for upper reservoir on Stewart Creek: Located: 420 feet South and 1180 feet West of the NE corner of Sec. 19, T 17 S, R 21 E, W.M., being within the NE $\frac{1}{4}$ NE $\frac{1}{4}$ of said section.

Roller, Earth fill dam; 120 ft. long on top; 9.9 ft. high on centerline; 12 ft. crest width; slopes: front- 3:1, back 2:1 ; 6 in. pipe outlet through dam with cut-off collars; spillway around end having 15 ft. base width and 100 ft. length with 2:1 sloping sides.

Being located on an intermittent stream, the reservoir stores flood flow for later release to a smaller reservoir located downstream.

3. Dam for lower reservoir on Stewart Creek: Located : 2700 ft. South and 2760 ft. West of the NE corner of Sec. 8, T 17 S, R 21 E, W.M., being within the NE $\frac{1}{4}$ SW $\frac{1}{4}$ of said section.

4.
3 cont'd.

Relined, earth fill dam; 100 ft. long on top; 9.9 ft. high on centerline; 8 ft. crest width; slopes: front 3:1, back 2:1; 4 in. pipe outlet through dam; spillway around end having 15 ft. base width, 2 ft. depth, and 2:1 sloping sides.

Outlet returns flow to Creek channel whence the water is taken out at a headgate at the edge of the filed to be irrigated.

4. Temporary rock and earth fill, overflow type diversion dam placed in channel each year at edge of field. located 1319 ft. South and 2050 ft. West of the NE corner of Sec. 8, T 17 S, R 21 E, W.M., being within the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of said section.

Water is to be diverted into a ditch on each side of the dam, the easterly ditch, 3 ft. top width, V-type, is to extend about 700 ft. into the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of Sec. 8, T 16 S R 21 E.; the westerly ditch, roughly the same size, is to extend approximately 1200 ft. West into the NE $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 8, T 17 S, R 21 E.

5. Temporary earth and rock fill overflow diversion dam placed in channel of stream each year, located 1700 ft. South and 2050 ft. East of the NW corner of Sec. 9, T 17 S, R 21 E, W.M., being within the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of said section.

Municipal or Domestic Supply—

10. (a) To supply the city of _____
_____ County, having a present population of _____
(State 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, \$ 1000.00
- 12. Construction work will begin on or before One year after approval.
- 13. Construction work will be completed on or before 2 " " "
- 14. The water will be completely applied to the proposed use on or before 3 " " "

P. Smart
(Signature of applicant)

Remarks: _____

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 _____ Completion _____

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before _____
March 23
February 2nd _____, 19 53.
20th _____, March _____ 1952

WITNESS my hand this 28th day of November, 19 52.

RECEIVED
MAR 23 1953
STATE ENGINEER
SALEM, OREGON

RECEIVED
JAN 5 1953
STATE ENGINEER
SALEM, OREGON

CHAS. E. STRICKLIN
STATE ENGINEER
By *Chris L. Wheeler*
Chris L. Wheeler, Assistant

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 1.810 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 North Fork Crooked River, Stewart Creek, Sarvis Creek and two reservoirs to be constructed under Application No. R-24576, Permit No. R-1422, & Application No. R-24577, Permit No. R-1423, & being 1.210 cfs. from Crooked River, 0.500 cfs. from Sarvis Creek & 0.10 cfs. from Stewart Creek and reservoirs; any deficiency in supply from Sarvis Creek & Stewart Creek to be made up by diversion from Crooked River for irrigation and 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 from direct flow and shall be further limited to a diversion of not to exceed 4 acre feet per acre for each acre irrigated during the irrigation season of each year from direct flow and storage from reservoir to be constructed under Permit No. R-1422, R-1423, and shall be still further limited to a diversion of not to exceed 1.810 c.f.s., 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 April 5, 1950

Actual construction work shall begin on or before March 31, 1954 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1955

Complete application of the water to the proposed use shall be made on or before October 1, 1956

WITNESS my hand this 31st day of March, 1953

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.

Application No. 24578
Permit No. 21721

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 5th day of April, 1953, at 2:45 o'clock P. M.

Returned to applicant:

March 31, 1953

Corrected application received:

Approved:

March 31, 1953

Recorded in book No. 54 of

Permits on page 21721

CHAS. E. STRICKLIN
STATE ENGINEER

Drainage Basin No. Page 12A

Fees Paid