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JUL 20 1964
AGRICULTURAL ENGINEER

Permit No. G-2713

APPLICATION FOR A PERMIT

To appropriate the Ground Waters of the State of Oregon

1. Melvin H. Hartill
(Name of applicant)
of Route 3, Box 421, Astoria, county of Clatsop,
(Postoffice Address)
state of Oregon, do hereby make application for a permit to appropriate the following described ground waters of the state of Oregon, SUBJECT TO EXISTING RIGHTS:

If the applicant is a corporation, give date and place of incorporation

1. Give name of nearest stream to which the well, tunnel or other source of water development is situated Lewis and Clark River
(Name of stream)
tributary of Columbia River

2. The amount of water which the applicant intends to apply to beneficial use is .6825 cubic feet per second or 308 gallons per minute.

3. The use to which the water is to be applied is Sprinkler irrigation

4. The well or other source is located 436.1 ft. N. and 669.7 ft. E. from the S.W. corner of Section 31, T7N, R9W, W.M.
(N. or S.) (E. or W.) (Section or subdivision)

(If preferable, give distance and bearing to section corner)

(If there is more than one well, each must be described. Use separate sheet if necessary)

being within the S.W. 1/4 SW 1/4 of Sec. 31, Twp. 7N, R. 9W, W. M., in the county of Clatsop

5. The Portable sprinkler pipe to be miles
(Canal or pipe line)
in length, terminating in the NW 1/4 of Sec. 31, Twp. 7N, R. 9W, W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is Sump to be constructed

DESCRIPTION OF WORKS

7. If the flow to be utilized is artesian, the works to be used for the control and conservation of the supply when not in use must be described.

8. The development will consist of Excavated pond having a
(Give number of wells, tunnels, etc.)
diameter of inches and an estimated depth of feet. It is estimated that feet of the well will require casing. Depth to water table is estimated
(Kind) (Feet)

CANAL SYSTEM OR PIPE LINE—

9. (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, ft.; size at intake, in.; 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.

10. If pumps are to be used, give size and type *3" centrifugal-portable*

Give horsepower and type of motor or engine to be used

John Deere tractor - Suction H=10' - Disch H=100'

11. If the location of the well, tunnel, or other development work is less than one-fourth mile from a natural stream or stream channel, give the distance to the nearest point on each of such channels and the difference in elevation between the stream bed and the ground surface at the source of development

800' Northwesterly from the Lewis & Clark River - G.S. at proposed sump location 8' above river bed-low ridge between.

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

Township N. or S.	Range E. or W. of Willamette Meridian	Section	Forty-acre Tract	Number Acres To Be Irrigated
7N	9W	31	N.W. 1/4 of S.W. 1/4	10 ac.
7N	9W	31	N.E. 1/4 of S.W. 1/4	15 "
7N	9W	31	S.E. 1/4 of S.W. 1/4	18 "
7N	9W	31	S.W. 1/4 of S.W. 1/4	12 "
			Total	55 ac.

(If more space required, attach separate sheet)

Character of soil *Nehalem silt loam*
 Kind of crops raised *Grass*

MUNICIPAL SUPPLY—

13. To supply the city of _____
in _____ county, having a present population of _____
and an estimated population of _____ in 19_____

ANSWER QUESTIONS 14, 15, 16, 17 AND 18 IN ALL CASES

- 14. Estimated cost of proposed works, \$ 4,200.00
- 15. Construction work will begin on or before Aug. 1, 1964
- 16. Construction work will be completed on or before Aug. 10, 1964
- 17. The water will be completely applied to the proposed use on or before Aug. 10, 1964

18. If the ground water supply is supplemental to an existing water supply, identify any application for permit, permit, certificate or adjudicated right to appropriate water, made or held by the applicant.

Application for 0.3125 cfs from Speelyia Creek submitted on June 19, 1964 (File No. 39992)

[Signature]
(Signature of applicant)

Remarks:

It is planned to excavate a pond about 300' long, 50' wide and 15' deep with a drag line machine. Located in a marsh area. Sprinkler irrigate 55 acres of grass land with portable pipe 44 - 9 gpm sprinkler heads.

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
By _____
ASSISTANT

STATE OF OREGON,

PERMIT

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 0.69 cubic feet per second measured at the point of diversion from the well or source of appropriation, or its equivalent in case of rotation with other water users, from A sump

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

If for irrigation, this appropriation shall be limited to 1/80th 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 2 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.

The well shall be cased as necessary in accordance with good practice and if the flow is artesian the works shall include proper capping and control valve to prevent the waste of ground water.

The works constructed shall include an air line and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the well at all times.

The permittee shall install and maintain a weir, meter or other suitable measuring device, and shall keep a complete record of the amount of ground water withdrawn.

The priority date of this permit is July 20, 1964

Actual construction work shall begin on or before October 12, 1965 and shall

thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 1966

Complete application of the water to the proposed use shall be made on or before October 1, 1967

WITNESS my hand this 12th day of October, 1964

Chris L. Wheeler

STATE ENGINEER

Application No. G-2921

Permit No. G-2713

PERMIT

TO APPROPRIATE THE GROUND WATERS OF THE STATE OF OREGON

This instrument was first received in the office of the State Engineer at Salem, Oregon,

on the 20th day of July 1964, at 8:00 o'clock A.M.

Returned to applicant:

Approved: October 12, 1964

Recorded in book No. 2713 of Ground Water Permits on page

CHRIS L. WHEELER

STATE ENGINEER

Drainage Basin No. 1 page 26