Permit No. G- 642

APPLICATION FOR A PERMIT

To Appropriate the Ground Waters of the State of Oregon

I, United States of America, acting by and through the Department of the Army, Corps of Engineers U. S. Army (Name of applicant) Engineers District, Walla Walla, Washington
of Walla Walla (Postoffice Address), county of Walla Walla,
state of Washington, 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 Columbia River (Name of stream)
tributary of

2. The amount of water which the applicant intends to apply to beneficial use is cubic feet per second or 3000 gallons per minute.

3. The use to which the water is to be applied is Industrial (McNary Dam -Multi-purpose Project - major portion to turbine glands);

4. The well or other source is located 1132 ft. N. (N. or S.) and 1250 ft. W (E. or W.) from the common corner of Sections 10, 11, 15 and 14 (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 SE¼ of SE¼ of Sec. 10, Twp. 5 N, R. 28E, W. M., in the county of Umatilla.

5. The pipeline is a distribution loop system as shown on attached map. (Canal or pipe line) to be miles in length, terminating in the (Smallest legal subdivision) of Sec., Twp., R., W. M., the proposed location being shown throughout on the accompanying map.

6. The name of the well or other works is Well No. 2, McNary Lock and Dam

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 consists of one well, having a diameter of 20 inches for 118 feet, cased all the way, 16 inches for 205 feet, cased all the way, and 12 inches for 379 feet of open hole, for a total depth of 702 feet. Elevation of well collar is 374.56 feet and elevation of bottom of hole is −327.4 feet. Depth of water table is unknown but static head is within 105 feet of ground surface or at Elevation 271±.

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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, 4,000 ft.; size at intake, 10" in.; in size at 900 ft. from intake 12" in.; size at place of use 8" in.; difference in elevation between intake and place of use, 110' ft. Is grade uniform? No. Estimated capacity, 6.7 sec. ft.

10. If pumps are to be used, give size and type 10" deep well turbine pump and 10" horizontal centrifugal pump.

Give horsepower and type of motor or engine to be used 200 HP, vertical, electric, 2300 V, hollow shaft motor, and 200 HP, 2300 V conventional induction motor.

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

Ground level Elevation 373. Bed of Columbia River approx. Elev. 230, distance - 350'.

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
	McNary Dam ~~and Townsite~~			
5N	28E	10	~~NW¼~~	Industrial
		~~11~~		
		~~14~~		
		~~15~~		
~~5N~~	~~28E~~	~~10~~	~~SE¼ of SE¼~~	Municipal
		~~11~~	~~SW¼ of SW¼~~	"
		~~15~~	~~NE¼ & SE¼~~	"
		~~14~~	~~West ½~~	"

(If more space required, attach separate sheet)

Character of soil ..... Sandy

Kind of crops raised ..... Lawns, trees and shrubs

MUNICIPAL SUPPLY—

12. To supply the city of Hollary,

in Umatilla county, having a present population of 250

and an estimated population of ..... in 19.....

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

14. [redacted] cost of [redacted] works, $ 63,000.00

15. Construction work [redacted] began on or before 15 July 1948 (well drilling)

16. Construction work [redacted] was completed on [redacted] 28 May 1950 (pumphouse)

17. The water [redacted] was completely applied to the proposed use on [redacted] 28 May 1950.

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. U-509, Well No. 3

UNITED STATES OF AMERICA

By: Max K. Tyson
(Signature of applicant)
MAX K. TYSON
Chief, Real Estate Division

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 .....

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, }
County of Marion, } ss.

PERMIT

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 6.67 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 Well #2

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

If for irrigation, this appropriation shall be limited to - - 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 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 June 27, 1957

Actual construction work shall begin on or before October 25, 1958 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 19 59

Complete application of the water to the proposed use shall be made on or before October 1, 19 60

WITNESS my hand this 25th day of October, 19 57.

Lewis A. Stanley
STATE ENGINEER

Application No. G- 694

Permit No. G- 642

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 27th day of June, 1957, at 1:00 o'clock P. M.

Returned to applicant:

Approved:

October 25, 1957

Recorded in book No. 3 of Ground Water Permits on page 612

LEWIS A. STANLEY
STATE ENGINEER

Drainage Basin No. 7 page 30

State Printing 9010

$32.00