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STATE ENGINEER
SALEM, OREGON

ASSIGNED, See Misc. Rec., Vol. 6 Page 1373

CERTIFICATE NO. 53437

Permit No. G- G 5726

APPLICATION FOR A PERMIT

To Appropriate the Ground Waters of the State of Oregon

I, Dr. Gary Farmer, Manager, Western Division, Chem-Nuclear Services, Inc.,
(Name of applicant)

of 1750 SW Skyline Blvd., Portland, county of Multnomah,
(Postoffice Address)

state of Oregon 97221, 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

✓ Incorporated in the State Of Washington, 13 August 1968

1. Give name of nearest stream to which the well, tunnel or other source of water development is situated Rock Creek (1miles southwest of well)
(Name of stream)
tributary of John Day River

2. The amount of water which the applicant intends to apply to beneficial use is 2.23 cubic feet per second or 1,000 gallons per minute. (Industrial)

3. The use to which the water is to be applied is Industrial, ~~domestic~~, (~~irrigation~~ See Remarks) Letter dated Oct 2, 1972 ZRB

4. The well or other source is located 175 ft. east (N. or S.) and 10 ft. north (E. or W.) from the S. corner of NW¼SE¼ sec. 25, T. 2 N., R. 20 E., Willamette Meridian and Base Line
(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 SW¼NW¼SE¼ of Sec. 25, Twp. 2N, R. 20E, W. M., in the county of Gilliam, Oregon.

5. The ____ (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 .

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.

not artesian

8. The development will consist of one well (As far as now known) (Give number of wells, tunnels, etc.) having a diameter of 12 and 8 inches and an estimated depth of 620 feet. It is estimated that 200 feet of the well will require steel (now cased) (Kind) casing. Depth to water table is estimated 120 (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* Deep-well turbine with bowl diameters up to 8 or 10 inches

Give horsepower and type of motor or engine to be used electric motors in the 25 to 150 horsepower range

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*

It is 4 miles to Rock Creek, the nearest stream.

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
(See description below)				
Confined to the east half of ~~sec. 25, T. 2 N., R. 20 E.,~~ Industrial plant water and ~~domestic water with some irrigation largely for environment improvement and erosion control purposes.~~ Letter dated 10-2-72 LLS				
T2N	R20E	25	NW ¼ of SE ¼	¼ ¼
(~~N.W. ¼ of SE¼~~, SE¼, Section 25 and N½ of NE¼, Section 36, Township 2 North, Range 20 East, Willamette Meridian)				

(If more space required, attach separate sheet)

Character of soil loess, with some stoney land around the industrial location.

Kind of crops raised ~~Scarce pasture at present, some soil and moisture conservation and environment improvement crops are planned.~~

G 57

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,* $30,000.00 $4000.00 Pump and outlet works whole pump and distribution system

15. *Construction work will begin on or before* ~~1 [illegible] 19--~~ 10 November 1972

16. *Construction work will be completed on or before* 1 June ~~197-~~ 1973

17. *The water will be completely applied to the proposed use on or before* 1 June 1974

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.* None. Well covered by drilling permit, 1970.

(Signature of applicant)

Remarks: DR. GARY FARMER
CHEM-NUCLEAR SERVICES, INC.
1750 S. W. SKYLINE BLVD.
PORTLAND, ORE. 97221

Water for irrigation will be for office lawn and grass cover for small denuded areas.

The Map and description and location of the well and the industrial plant is provided in the Application to the Oregon Department of Environmental Quality for a disposal site. A copy of which is in the Office of the State Engineer.

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 correction and completion

In order to retain its priority, this application must be returned to the State Engineer, with corrections on or before ~~September 11~~ July 2, *19* ~~72~~ 73

WITNESS my hand this ~~17th~~ 2nd *day of* ~~July~~ May, *19* ~~72~~ 73

CURTIS L. WHEELER
STATE ENGINEER

By Thomas E. Shook
ASSISTANT

RECEIVED
SEP 8 1972
STATE ENGINEER
SALEM, OREGON

RECEIVED
MAY 2 1973
STATE ENGINEER
SALEM, OREGON

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 2.23 *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 well

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 May 30, 1972

Actual construction work shall begin on or before July 17, 1976 *and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 19*76

*Complete application of the water to the proposed use shall be made on or before October 1, 19*77

WITNESS my hand this 17th *day of* July, *1975*

James E. Boyle
Water Resources Director

Application No. G-5802

Permit No. G 5726

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 30th *day of* May, *19*72, *at* 8:00 *o'clock* A *M.*

Returned to applicant: .....

Approved:

July 17, 1975

Recorded in book No. ..... *of Ground Water Permits on page* G 5726

James F. Sexson
STATE ENGINEER

Drainage Basin No. 6 *page* 39