CLAIM OF BENEFICIAL USE AND SITE REPORT IN THE NAME OF JAMES W. DASKALOS

APPLICATION 70134 **PERMIT 50954**

SECTIONS 22 AND 23, TOWNSHIP 26 SOUTH, RANGE 6 WEST, W.M.

GENERAL INFORMATION

The methods used to determine the information contained in this document are as follows:

1. Examination of permit 50954 and permit map,
2. Examination of aerial photographs 26-6-22 and 26-6-23 (1"=400'),
3. Examination of assessor maps 26-6-22, 26-6-23, 26-6-23C,
4. Examination of U.S.G.S. 7 1/2 minute quadrangle map,
5. On-site survey, September 1, 1993.

SOURCE

The North Umpqua River, tributary of the Umpqua River.

POINT OF DIVERSION

The point of diversion is located 110 feet north and 420 feet west from the southeast corner of Section 22, being within the southeast 1/4 of the southeast 1/4 of Section 22, as projected within the James McKinney Donation Land Claim #47, Township 26 South, Range 6 West, W.M., Douglas County.

USE

The irrigation of 3.4 acres of lawn and shrubs.

PLACE OF USE

SE 1/4 SE 1/4, Section 22, 2.1 acres.
SW 1/4 SW 1/4, Section 23, 1.3 acres.

DIVERSION WORKS AND DELIVERY SYSTEM

A 3-1/2 horsepower electric motor and centrifugal pump deliver water via a 4" x 20' screened suction line, thence a 3" x 600' buried P.V.C. mainline to a buried distribution system serving stationary (Rainbird R50 Turfbird, and others), as well as portable sprinklers.

CAPACITY OF THE DELIVERY SYSTEM

HP=3.5
H_{ELEV}=49 *ft. (measured)*
$H_{PRESSURE}$=46 *lbs/inch²* *(measured)*
$H_{FRICTION}$=6 *ft. (estimated)*

$$Q_{PUMP}=\frac{ExHP}{H_{TOTAL}}=\frac{(6.61)(3.5)}{49+(2.31)(46)+6}=\frac{23.13}{161.26}=0.14\ cfs$$

Q_{HEADS}=(10)(4.2)=42 *gpm @ 45 lbs/inch²*, =0.094 *cfs*

$Q_{PERMITTED}$=3.4/80=0.043 *cfs*
Q_{PUMP} > 0.043, *O.K.*
Q_{HEADS} > 0.043, *O.K.*

MOTOR
ELECTRIC
BRAND: UNKNOWN
HP: 3.5
#F239753

PUMP
CENTRIFUGAL
BRAND: FAIRBANKS MORSE
#K33329
INTAKE: 2-1/2"
DISCHARGE: 1-1/2"

A scaled tie was made to the southeast corner of Section 22 using information from the aerial photographs, assessor maps, and information obtained in the field.

CERTIFICATION

The Final Proof Survey and inspection of the use as found to be completed under the terms and conditions of Permit 50954 were completed by James F. Gosson, Certified Water Right Examiner #54, on September 1, 1993, and the facts contained in this report and accompanying Final Proof Map are correct to the best of my knowledge.

Certified Water Right Examiner
#054 WRE
James F. Gosson
Nov. 19, 1987
STATE OF OREGON

I, James W. Daskalos, agree to the findings of James F. Gosson, Certified Water Right Examiner #54, and do submit this site report and map as Claim of Beneficial Use of the water as provided under the terms and conditions of permit 50954.

Signature _____ 9/6/93
Date