

BEFORE THE WATER RESOURCES DIRECTOR OF OREGON

CURRY COUNTY

IN THE MATTER OF THE DETERMINATION )  
OF THE RELATIVE RIGHTS TO THE USE )  
OF THE GROUND WATERS OF THE HARBOR )  
GROUND WATER RESERVOIR, CURRY COUNTY)  
-----

FINDINGS OF FACT

AND

ORDER OF DETERMINATION

Now at this time the above-entitled matter coming on for consideration by the Water Resources Director, and it appearing that all evidence and testimony have been taken in the above-entitled proceeding, and the Water Resources Director having carefully considered all such evidence and testimony and the engineering data and information gathered in accordance with law, and being fully advised in the premises, makes and orders to be entered of record in his office the following:

FINDINGS OF FACT AND ORDER OF DETERMINATION

The Harbor Ground Water Reservoir consists of one alluvial aquifer underlying an area of land varying in width from 0.8 mile on the north end to 0.3 mile on the south end and being 3.6 miles long. The north end of the area is bounded by Tuttle Creek and the south end by the Winchuck River. The Pacific Ocean forms the west boundary and the toe of the western foothills of the Coast Range comprises the east boundary. There are no cities included therein. The entire area is within Township 41 South, Range 13 West, W. M., being approximately 1½ miles southeast of Brookings, ½ mile southeast of Harbor, Oregon, and ½ mile north of the Oregon-California state line.

The area is part of the first bench with a fairly uniform gradient, sloping from the toe of the Coast Range towards the ocean and ranging in elevation at the north end from 210 feet to 30 feet and at the south end from 50 feet to sea level. The flat rolling terrain is interrupted by at least four bedrock projections near the coast line. These are located in the south one-half between Johnson Creek and the Winchuck River.

The bench area is drained by nine perennial or intermittent streams. Three of these, Johnson, McVay and Cooley Creeks, are deeply incised. These flow the year-round and probably receive much of their summer flow from ground water discharge directly into their channels. Parts of all of the remaining creeks dry up in late summer and early fall.

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That on the 12th day of January, 1976, the Water Resources Director announced the beginning of the investigation of the Harbor Ground Water Reservoir to determine the relative rights to the use of the ground water therefrom.

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That duly qualified assistants to the Director did proceed to make examinations, surveys, and measurements of the ground water resources of said Harbor Ground Water Reservoir and surveys of the lands irrigated, and gathered such other data and information as were essential to the proper determination of the relative rights of the parties interested, which observations and measurements were reduced to writing and made a matter of record in his office. The Director did cause to be prepared a set of maps or plats, showing with substantial accuracy, the location of all wells and streams in the Ground Water Reservoir Basin, and the number of acres of land being irrigated in each legal subdivision, or other use of water, prints of said maps or plats are on file and a part of the record herein. Ground Water Report No. 26 "Ground water conditions on the Harbor Bench, Southwestern Curry county, Oregon" by the Water Resources Department is a part of the record herein.

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That as soon as practicable after the examinations and measurements were completed, as described in the preceding finding, the Director did prepare a notice setting forth a place and time certain when he would begin the taking of statements and proofs of claim as to the relative rights of the various claimants to the use of the ground waters of the Harbor Ground Water Reservoir; that said notice was published in the Brookings-Harbor Pilot, Brookings and the Curry County Reporter, Gold Beach - both published each Thursday.

That each of said newspapers are published and of general circulation in Curry County, Oregon and publication was in the consecutive weeks being April 22 and 29, 1976 and the date of the last publication being at least 30 days prior to the first date set for the taking of statements and proofs of claim by the Director.

That the Director did send by certified mail to each person, firm or corporation who had filed a ground water registration statement to the use of the ground waters of the Harbor Ground Water Reservoir, or their successors, and to those persons in possession of a surface or ground water right of record, a notice similar to such published notice described in the preceding finding, setting forth the date when the Director would receive the statements and proofs of claim to the use of the ground waters of said ground water reservoir. That said notice was mailed at least 30 days prior to the date set for receiving of said statements and proofs of claim. The Director did include with each notice to a ground water claimant, a blank form upon which the claimant or owner could prepare in writing all the particulars necessary for the determination of his right, under oath, and a pamphlet of information for water users in the preparation of their statements and proofs of claim in connection with the adjudication of water rights.

That the times and places where the Director did appear and receive the statements and proofs of claim of the various parties, were fixed in said notice as follows:

On Wednesday, June 2, and Thursday, June 3, 1976 in the Council Chambers, Brookings City Hall, Brookings, Oregon;

And for a period of five days, beginning with Monday, June 7, and ending with Friday, June 11, 1976 at the office of the Water Resources Department, 1178 Chemeketa Street NE, Salem, Oregon.

That the following named persons, known to the Director from an examination of his records, to be a claimant to a right to appropriate ground and surface water within the area in which the ground water reservoir is located, were duly notified by certified mail, as provided by law, of the commencing of the taking of statements and proofs of claim of their rights to the use of the waters of said Harbor Ground Water Reservoir:

AMBROSE, William P. & Jaquelin M.	Route 1, Box 514, Brookings, Oregon 97415
ANDERSON, Victor E. & Elsie	Box 2033, Harbor, Oregon 97415
ASHCRAFT, L. C. & Catherine Anne;	Box 809, Redding, California 96001
MAX, Robert H. & Lucile M.	
ATKINSON, Dan	See LORENCE, Donna J.
AUGSBURGER, Rose E.	Route 1, Box 25 B, Brookings, Oregon 97415
AYRES, Francis C. & Marion	Route 1, Box 431, Brookings, Oregon 97415
BALDERREE, W. W. & Moneta	Box 578, Grants Pass, Oregon 97526
BARNES, James	See KUHN, Norman et al
BARRY, Edward H. & Ella	Route 1, Box 424, Brookings, Oregon 97415

BEECHING, Sidney & Dorothy  
 BEESON, Douglas & Dorothy  
 BENSTON, Steve A. & Eva M.  
 BIGHAM, David & Ellen  
 BILLINGS, G. T. & R. L.  
  
 BILLINGS, Mildred (Life Est.)  
 BILLINGS, Rollo K. & Gueneveret  
 BISHOP, W. N. & Lola V.  
 BLAKE & NEAL FINANCE CO.  
 BLOMBERG, Gilbert J. & Amy E.  
 BOALS, David & Esther  
 BOOTH, Arnold G. & Alice  
 BRACE, Don E. & Helen  
 BROWN, David R.  
 BROWN, James L. & M. O.  
 BROWN, Rita M.  
 BURDETT, Irene Olive  
 BYRD, Robt. W. & Vivian M.  
  
 CAMPBELL, C. F.; CAMPBELL, Jim L.;  
 SWEET, A. W.; GERLACH, Randall;  
 DEWS, Jess T.; SWEET, Donald H.;  
 ZEIGLER, C. E.  
 CAMPBELL, C. F. & Selma  
 CAMPBELL, Jim L.  
 CANTRELL, Paul C. & Wilma A.  
 CARLSON, Bert  
 CARLSON, Larry L. & Nicki S.  
  
 CARTER, W. G. & Gertrude  
 CHANDA, Alvin & Charlotte  
 CHANDLER, Wm. & Lenora  
 CHOFFEL, Leonard K. & F.  
 CHRISTY, Edward J. & Helen F.  
 CLEMENTS, Al O. & Anne M.  
 CLENDENIN, Minnie  
 COLLINS, Alice T.  
 CORDON, Donald W.  
 COWAN BROTHERS RANCHING, Inc.  
 COWAN Peter C. & Sharon L.  
 CRAVEN, R. W. & Maxine  
 CURRY COUNTY COMMISSIONERS  
  
 DAHLSTROM, Brita H.  
 DeGRANDE, Joe & Anna Marie  
 DENTON, Alexander J. & Alta M.  
 DEWS, Jess T.  
 DOMBROSKI, Emilie A.  
 DONAT, Adolph E. & C.  
 DREISZUS, Geo. M. & Mabel M.  
 DUCKETT, James L. & E.  
  
 E. S. S. ENTERPRISES  
 EIKER, Henry & Majorie  
 ELBERT, Richard D. & Bula F.  
 ELBERT, Ruth E.  
 ELBERT, Walter F.  
  
 ELLIS, Truman & Ruby  
 ESSELSTROM, Alfred & Joyce  
  
 General Delivery, Brookings, Oregon 97415  
 Box 2183, Harbor, Oregon 97415  
 Route 1, Box 426, Brookings, Oregon 97415  
 Route 1, Box 421, Brookings, Oregon 97415  
 c/o Mildred Billings, (Life Est.)  
 Winchuck Road, Brookings, Oregon 97415  
 Winchuck Road, Brookings, Oregon 97415  
 Box 969, Brookings, Oregon 97415  
 P. O. Box 2574, Harbor, Oregon 97415  
 1939 E. Burnside, Portland, Oregon 97214  
 See HOLMS, Lowell M. et al  
 2909 Fairview Drive, Medford, Oregon 97501  
 Box 312, Brookings, Oregon 97415  
 Box 2695, Harbor, Oregon 97415  
 See HOLMS, Lowell M. et al  
 Box 2375, Harbor, Oregon 97415  
 See HOLMS, Lowell M. et al  
 Route 1, Box 510, Brookings, Oregon 97415  
 2115 Stringer Gap Road,  
 Grants Pass, Oregon 97526  
  
 Box 806, Brookings, Oregon 97415  
  
 Box 806, Brookings, Oregon 97415  
 See CAMPBELL, C. F. et al  
 P. O. Box 2704, Harbor, Oregon 97415  
 Box 2272, Harbor, Oregon 97415  
 607 Easy Manor Drive,  
 Brookings, Oregon 97415  
 #1 E. Benham Lane, Brookings, Oregon 97415  
 Box 289, Bonneville, Oregon 97008  
 Box 2547, Harbor, Oregon 97415  
 P. O. Box 1258, Brookings, Oregon 97415  
 Route 1, Box 42 A, Brookings, Oregon 97415  
 P. O. Box 1226, Brookings, Oregon 97415  
 Box 2532, Harbor, Oregon 97415  
 P. O. Box 343, Lake Oswego, Oregon 97034  
 315 Oxford, Brookings, Oregon 97415  
 P. O. Box 2331, Harbor, Oregon 97415 COWAN,  
 Box 2331, Harbor, Oregon 97415  
 Box 2364, Harbor, Oregon 97415  
 Curry County Courthouse,  
 Gold Beach, Oregon 97444  
  
 Route 1, Box 39, Brookings, Oregon 97415  
 P. O. Box 35, Keno, Oregon 97627  
 Box 2661, Harbor, Oregon 97415  
 See CAMPBELL, C. F. et al  
 Route 1, Box 162, Gold Beach, Oregon 97444  
 P. O. Box 874, Brookings, Oregon 97415  
 Box 639, Brookings, Oregon 97415  
 6418 McGloughlin,  
 Central Point, Oregon 97501  
  
 Box 4836, Hayward, California 94540  
 Route 1, Box 526, Brookings, Oregon 97415  
 5510 Adams Road, Talent, Oregon 97540  
 822 S. Newton, Medford, Oregon 97501  
 6912 (or 6921) Blue Hill Drive,  
 San Jose, California 95129  
 Hwy. 62, Box 26560, Trail Oregon 97541  
 Oceanview Drive, Brookings, Oregon 97415

FARMER, Don J. & M. B.  
FOSTER, Elwood R. & Mary  
FOX, Clyde A. & Mary L.  
FRANKLIN, Milton J. & Doris E.  
FRASER, Elma D.

FREEMAN, Carol Lee  
FREEMAN, Edward W.

GATES, John & Shirley

GERLACH, Randall  
GLATHER, Robert L. & Georgina  
GLENTRUDE, INC.  
GOTT, Sam J. & Jewell B.  
GREEN, George & Nellie  
GRIMM, Donald & Marilyn

HAAS, Lyle A.; KANICK, Gladys  
HALL, Samuel A. & Jeanie M.  
HALLOWAY James L.; MYERLE, Ronald A.;  
LEWELLYN, Gary D.  
HAMANN, Wm. J.  
HAMSCOM, David N.  
HASTINGS, A. K.  
HASTINGS, A. K. Estate  
HASTINGS, Gladys M.  
HASTINGS, Robert K. & Elizabeth C.  
HASTINGS BULB GROWERS, INC.  
HEISS, Wm. C. & Helen  
HEREKELRATH, Blaine  
HICKS, Robert W. & Evelyn

HIGGINS, Conrad J. & S.  
HILDEBRAND, Paul C. & Mary  
HILDENBRAND, Gerald & Mary  
HILL, Arnold & Ethelin  
HILL, Charles E. & Dixie M.  
HILL, Charles E. & Dixie M.  
HOLBROOK, Warren L. & Jacquelyn  
HOLMS, Lowell M.; LARSON, Ragna T.;  
BLOMBERG, Gilbert J. & Amy E.;  
BROWN, Rita M.; BROWN, David R.  
HOWARD, Alice T.

HOWARD, Gerald W. & Viola V.

ITZEN, Henry J. & Margery

JOHNSON, Otis H. Sr. & Hazel D.  
JONES, Willie J. & Cornelia R.

KANICK, Gladys  
KARL, Arnold & Lee  
KAST, Elwood M. & Naomi L.  
KELLEY, Frank & Bernadine  
KELLY, Harold N. & Mary L.  
KENT, Eugene & Lois  
KUHN, Norman; HEREKELRATH, Blaine;  
BARNES, James  
KYLE, L. R. & Harriet

Box F, Brookings, Oregon 97415  
Route 1, Box 30 F, Brookings, Oregon 97415  
Box 435, Brookings, Oregon 97415  
Box 2567, Harbor, Oregon 97415  
1358 W. Jones Creek Road,  
Grants Pass, Oregon 97526  
Harbor, Oregon 97415  
Box 411, Brookings, Oregon 97415

1958 Old Military Road,  
Medford, Oregon 97501  
See CAMPBELL, C. F. et al  
See SETTY, Orlow F. & Mona  
#1 E. Benham Ln., Brookings, Oregon 97415  
Box 447, Brookings, Oregon 97415  
General Delivery, Harbor, Oregon 97415  
532 Glairgeau Circle,  
Medford, Oregon 97501

Route 1, Box 15, Brookings, Oregon 97415  
Box 1158, Brookings, Oregon 97415  
c/o Crater Title  
P. O. Box 336, Medford, Oregon 97501  
P. O. Box 513, Brookings, Oregon 97415  
Box 2336, Harbor, Oregon 97415  
Box 2186, Harbor, Oregon 97415  
Box 2186, Harbor, Oregon 97415  
Box 2186, Harbor, Oregon 97415  
Box 2155, Harbor, Oregon 97415  
Box 2186, Harbor, Oregon 97415  
Route 1, Box 33 M, Brookings, Oregon 97415  
See KUHN, Norman et al  
5600 Skyridge Drive,  
Orangevale, California 95662  
Route 1, Box 529, Brookings, Oregon 97415  
Box 1313, Brookings, Oregon 97415  
Box 682, Brookings, Oregon 97415  
Route 1, Box 29D, Brookings, Oregon 97415  
Route 1, Box 420, Brookings, Oregon 97415  
General Delivery, Brookings, Oregon 97415  
901 Crown, Central Point, Oregon 97501  
1228 Moore Street, Brookings, Oregon 97415

c/o Alice T. Collins  
P. O. Box 343, Lake Oswego, Oregon 97034  
Route 1, Box 24 F,  
Brookings, Oregon 97415

311 Birch, Brookings, Oregon 97415

Box 928, Grants Pass, Oregon 97526  
General Delivery, Harbor, Oregon 97415

See HAAS, Lyle A.  
9426 Camulos, Montclair, California 91763  
Route 1, Box 25F, Brookings, Oregon 97415  
Box 2515, Harbor, Oregon 97415  
Route 1, Box 39T, Brookings, Oregon 97415  
2070 Ridge Way, Medford, Oregon 97501  
24421 Alta Vista, Apt. 3  
Dana Point, California 92629  
c/o David N. Hamscom  
Box 2336, Harbor, Oregon 97415

LARSON, Ragna T.  
LATHROP, Ernest J. & Maxine D.

LEWELLYN, Gary D.  
LINDEBERG, Genevra E.  
LINDER, Helen A.

LORENCE, Donna J.; ATKINSON, Dan

LORENCE, Herman R.

LUXFORD, Roland & Carol J.  
LYON, Fred W. & Juanita L.

MAAS, Clarence W. & Frances  
MABRY, Boyd C. & Priscilla  
MANNING, John C. & M. M.  
MARTINSON, Juanita J.  
MAX, Robert H. & Lucile M.  
McKEE, Delmar G. & Janet L.  
McKERNAN, J. E. & Marjorie B.  
MITCHELL, John W. & Patricia

MONTE WALKER, INC.  
MOORE, Neil E. & Hazel

MULLARKEY, Wm. & Loretta  
MUSSER, Calvin C. & Alta I.  
MUSSER, John T.  
MYERLE, Ronald A.

NADING, Virgil L. & Evelyn M.  
NELSON, Jack & Barbara  
NEN, Sam & Wilma  
NOBLE, Howard F. & Estelle  
NOEL, Victor E. & Ethelyn D.

O'CONNOR, Frances  
OLDS, Byron K. & Vada  
OLIVER, Roger I. & Doris  
OLSEN, Lester & Melba  
OREGON PROPAGATING CO.  
OREGON, STATE OF, Department of  
Transportation  
OTTO, Darrell O.

PACEY, Roland F. & Thais L.;  
TUMMERS, Julia J.  
PENTER, Gerald & June  
PIDCOCK, Earl L. & Ruth

POMERLO, Victor A. & Fay  
PRICE, John H. & Frances  
PULLEN, L. C. & Virginia

RATLIFF, Fred & Alice J.  
RAUSCH, Doyle E. & Berna  
REED, Andrew J. & Maxine B.  
REESER, Ray H. & Ida M.

RHODES, Leonard & Evelyn  
RICHARDS, Emmet T.

See HOLMS, Lowell M. et al  
1750 Scenic Avenue,  
Central Point, Oregon 97501  
See HALLOWAY, James L. et al  
Route 1, Box 31, Brookings, Oregon 97415  
c/o Ewart A. & Rozella L. Towers  
Route 1, Box 75 C, Brookings, Oregon 97415  
308 E. 44th Street,  
Long Beach, California 90807  
20560 Anza Avenue, Apt. 18,  
Torrance, California 90503  
4664 Leona Ct., Eugene, Oregon 97401  
4074 S. Pacific Highway, Space 2,  
Medford, Oregon 97501

Route 1, Box 42B, Brookings, Oregon 97415  
P. O. Box 2671, Harbor, Oregon 97415  
274 W. Edna Pl., Covina, California 91723  
81 Ball Rd., Eagle Point, Oregon 97524  
See ASHCRAFT, L. C. & Catherine Anne  
831 Minnesota, Medford, Oregon 97501  
Box 651, Brookings, Oregon 97415  
514 Marine Avenue,  
Hayward, California 94541  
Box 429, Jacksonville, Oregon 97530  
c/o Lyle A. Haas & Gladys Kanick  
Route 1, Box 15, Brookings, Oregon 97415  
Route 1, Box 83B, Brookings, Oregon 97415  
Route 1, Box 90, Brookings, Oregon 97415  
Route 1, Box 90, Brookings, Oregon 97415  
See HALLOWAY, James L. et al

Brookings, Oregon 97415  
Route 1, Box 31F, Brookings, Oregon 97415  
742 37th St., San Pedros, California 90731  
Route 1, Box 252, Brookings, Oregon 97415  
Route 1, Box 430, Brookings, Oregon 97415

405 N. 4th, Klamath Falls, Oregon 97601  
P. O. Box 855, Brookings, Oregon 97415  
Box 2163, Harbor, Oregon 97415  
Box 2365, Harbor, Oregon 97415  
Route 1, Box 52E, Brookings, Oregon 97415  
State Highway Building, Salem, Oregon 97310

Route 1, Box 93B, Brookings, Oregon 97415

Box 46, Grenada, California 96038

Route 1, Box 52B, Brookings, Oregon 97415  
2323 Delta Waters Road,  
Medford, Oregon 97501  
Route 1, Box 61, Brookings, Oregon 97415  
2426 E. Main, Medford, Oregon 97501  
743 Park St., Lebanon, Oregon 97355

Route 1, Box 25 H, Brookings, Oregon 97415  
750 Valley, Brookings, Oregon 97415  
P. O. Box 178, Brookings, Oregon 97415  
c/o Donald H. Sweet,  
74 Alejandra Avenue,  
Atherton, California 94025  
2437 Sunnyview Ln., Medford, Oregon 97501  
c/o Paul C. & Mary Hildebrand,  
Box 1313, Brookings, Oregon 97415

RIGDON, Isabelle E.  
RIGDON, Isabelle E. & Edward  
ROBINSON, Edward W. & Joyce

ROBERTS, Viona P.  
ROLAND, Charles & Edna  
ROSE, Antone G.  
ROSE, Antone G. & Joan M.  
ROSE, Herman W. & Bessie N.  
RUFF, Richard F. & Thelma A.  
RUTTER, Clifford & Avagene

SANDERS, Beverly Jean

SCHMIDT, Clarence & Mildred  
SCHMIDT, Richard & E. Charlene C.

SCHOMER, Thos. J. & Holly L.

SETTY, Orlow F. & Mona;  
GLATHER, Robert L. & Georgina  
SETTY, Orlow F. & Mona T.  
SHAFER, Etta

SHOCK, James M., Lois R., & James M. III

SKINNER, B. L. & Ivel M.  
SMITH, Carmen T.  
SMITH, Don B. & Opal

SMITH, Leroy R. & Edith P.  
STINSON, Douglas M. & C.  
STRAHM, Gary G. & Sonja H.  
STRAHM, Harvey J. & Ruth L.  
STRAHM, Steven M. & Linda L.  
STROMMEN, E. A. & Dorothy E.  
STURM, Michael & Stella  
SUTHERLAND, K. C. & Thelma

SWAN, Robert J.;  
TALBOT, Joan B. & Janice E.  
SWAN, Robert R. & Eileen M.  
SWEET, A. W.  
SWEET, Donald H.

TALBOT, Joan B. & Janice E.  
TAMBA, Albina, Estate of

THOMPSON, Walter & Iva M.  
TIEHM, Harold

TOWERS, Ewart A. & Rozella L.  
TRAUB, Glen & Ruth J.  
TUMMERS, Julia J.  
TURLEY, Otto C. & Marjorie R.

VICKERS, Harold & Opal L.

WALDRON, Richard N. & F. Evelyn  
WALL, Herbert V. & C. Pauline  
WATT, Cecil P. & Marguerite (Life Est.)  
WEST, Theodore V. & Margaret H. M.  
WEST, Theo. V. Jr.; SMITH, Carmen T.  
WESTERN OREGON CONFERENCE  
7TH DAY ADVENTISTS  
WICKMAN, Robert M. & J. G.

Box 2436, Harbor, Oregon 97415  
Box 2435, Harbor, Oregon 97415  
10911 Table Rock Road,  
Central Point, Oregon 97501  
Box 2302, Harbor, Oregon 97415  
Route 1, Box 29F, Brookings, Oregon 97415  
Box 2043, Harbor, Oregon 97415  
Box 2043, Harbor, Oregon 97415  
Box 2752, Harbor, Oregon 97415  
432 Groveland, Medford, Oregon 97501  
7583 Highway "66", Ashland, Oregon 97520

2080 Portland St.  
Klamath Falls, Oregon 97601  
Route 1, Box 460, Brookings, Oregon 97415  
F. S. O. Dental Department,  
FPO New York, New York 09532  
c/o Realty Tax & Service  
321 SW 4th Avenue, Portland, Oregon 97208  
38488 Pacific Hwy., Medford, Oregon 97501

38488 Pacific Hwy., Medford, Oregon 97501  
2810 Elk Valley Rd.,  
Crescent City, California 95531  
800 Lindley Dr.,  
Nevada City, California 95959  
General Delivery, Harbor, Oregon 97415  
See WEST, Theo. V. Jr.  
3590 Hiawatha Place  
Riverside, California 92501  
Road 39, Milwaukie, Oregon 97222  
Box 970, Brookings, Oregon 97415  
Route 1, Box 39 RA, Brookings, Oregon 97415  
Box 2216, Harbor, Oregon 97415  
Box 2216, Harbor, Oregon 97415  
Route 1, Box 44, Brookings, Oregon 97415  
Route 1, Box 81, Brookings, Oregon 97415  
1100 Ellendale Drive,  
Medford, Oregon 97501  
Brookings, Oregon 97415

Brookings, Oregon 97415  
See CAMPBELL, C. F. et al  
See CAMPBELL, C. F. et al

See SWAN, Robert J.  
c/o Cecelia Tamba  
P. O. Box 498, Belvedere, California 94920  
Box 2066, Harbor, Oregon 97415  
4619 Thompson Ave.,  
Klamath Falls, Oregon 97601  
Route 1, Box 75C, Brookings, Oregon 97415  
Box 751, Brookings, Oregon 97415  
See PACEY, Roland F. & Thais L.  
Route 1, Box 522, Brookings, Oregon 97415

Route 1, Box 46A, Brookings, Oregon 97415

Route 1, Box 408, Brookings, Oregon 97415  
Route 1, Box 24 V, Brookings, Oregon 97415  
Route 1, Box 53, Brookings, Oregon 97415  
P. O. Box 593, Brookings, Oregon 97415  
P. O. Box 593, Brookings, Oregon 97415  
605 SE 39th Ave., Portland, Oregon 97214

c/o Medford Plate Glass  
820 S. Central, Medford, Oregon 97501

WILCOX, Robert E.	Box 2304, Harbor, Oregon 97415
WILLIAMS, Fred & Arlene	Route 1, Box 29C, Brookings, Oregon 97415
WILLIAMSON, Doris	Route 1, Box 42, Brookings, Oregon 97415
WILSON, Coral Sue	330 Witherbe Road, Kelso, Washington 98626
WOLLAM, Walter W. & Eunice C.	Route 1, Box 83A, Brookings, Oregon 97415
WOLLMAN, Walter W. & Eunice C.	Route 1, Box 83A, Brookings, Oregon 97415
WOOD, Eugene & Shirley P.	P. O. Box 757, Brookings, Oregon 97415
WOODRUFF, Alvin & Edna	17690 Highway 238, Grants Pass, Oregon 97526
WRIGHT, Wm. C. & Nevada	Route 1, Box 422, Brookings, Oregon 97415
YOUNG, C. J. & Lucille	Route 1, Box 24 X, Brookings, Oregon 97415
ZEIGLER, C. E.	See CAMPBELL, C. F. et al
ZUMPF, Joseph	Box 2393, Harbor, Oregon 97415

That all of said notices, to the above-listed persons, firms or corporations at said addresses, appear to have been delivered by the Post Office Department to the addressees except those hereinafter tabulated, which were returned by the Post Office Department bearing notation as to the reason for non-delivery as shown by the statement following the name:

BURDETT, Irene Olive	Unclaimed
DOMBROSKI, Emilie A.	Unclaimed
DONAT, Adolph E. & C.	Unclaimed
GRIMM, Donald & Marilyn	Forwarding Expired
HOWARD, Gerald W. & Viola V.	Unclaimed
JONES, Willie J. & Cornelia R.	Unclaimed, Addressee Unknown
OREGON PROPAGATING CO.	Unclaimed
RATLIFF, Fred & Alice J.	Unclaimed
SCHMIDT, Richard & E. Charlene C.	Change of Address, Due to Official Orders
SMITH, Leroy R. & Edith P.	Insufficient Address, Unable to Forward
WEST, Theodore V. & Margaret H. M.	Addressee Unknown
WEST, Theo. V. Jr.; SMITH, Carmen T.	Addressee Unknown
WILLIAMS, Fred & Arlene	Unclaimed

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That in response to said notice to file statements and proofs of claim, the following named persons, firms, or corporations did submit to the Director statements and proofs of claim:

ANDERSON, V. E.	P. O. Box 2033, Harbor, Oregon 97415
HASTINGS BULB GROWERS, INC.	P. O. Box 2155, Harbor, Oregon 97415
LINDEBORG, Genevra E.	Route 1, Box 31, Brookings, Oregon 97415
PENTER, Gerald E. & June	Route 1, Box 52B, Brookings, Oregon 97415
RIGDON, Isabelle	P. O. Box 2436, Harbor, Oregon 97415
ROSE, Antone G. & Joan M.	P. O. Box 2043, Harbor, Oregon 97415
STRAHM, Harve Joel	P. O. Box 2216, Harbor, Oregon 97415
WATT, Cecil	707 Wedgewood Lane, Route 1, Brookings, Oregon 97415

That all of said statements and proofs of claim were in ample form, accompanied by the statutory fees and filed with the Director.

That in lieu of filing a statement and proof of claim, the following named persons, firms, or corporations, who are ground and surface water users within the Harbor



Ground Water Reservoir Basin, indicated to the Director that they wished to be notified of the period for public inspection of the statements and proofs of claim thereof filed:

COWAN, Peter C. & Sharon L.	Box 2331, Harbor, Oregon 97415
FREEMAN, Carol L.	Winharbor Farm, Harbor, Oregon 97415
LUXFORD, Roland & Carol J.	4664 Leona Ct., Eugene, Oregon 97401
MULLARKEY, Wm. & Loretta	Route 1, Box 83B, Brookings, Oregon 97415
NELSON, Jack & Barbara	Route 1, Box 31F, Brookings, Oregon 97415
NOBLE, Howard F. & Estelle	Route 1, Box 252, Brookings, Oregon 97415
NOEL, Victor E. & Ethelyn D.	Route 1, Box 430, Brookings, Oregon 97415
OREGON PROPAGATING CO., Norman Yock	Route 1, Box 52E, Brookings, Oregon 97415
SCHMIDT, Clarence & Mildred	Route 1, Box 460, Brookings, Oregon 97415
SCHROTTKE, Leon	P. O. Box 1498, Brookings, Oregon 97415

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That all persons, firms or corporations to whom notices were sent by certified mail, as tabulated under Finding 6 above, who have failed, neglected or refused to appear herein and submit proof of a claim of right to the use of the waters of Harbor Ground Water Reservoir, initiated prior to the adoption of the Oregon Ground Water Act of August 3, 1955, if any they have or claim, are in default; such default is here and now entered against them, and each of them, and such parties are hereby barred and estopped from using or asserting any rights to the use of the waters of said Harbor Ground Water Reservoir, except by, through or under the rights of persons whose water rights are defined herein, or under and by virtue of permits issued by the Water Resources Director, as provided by law.

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That after the completion of the taking of such statements and proofs of claim, the Director did, on the 25th day of August, 1976, give notice by certified mail to each of the various claimants to the use of the waters of Harbor Ground Water Reservoir, and those water users as tabulated under Finding 7 above, as provided by law, that at the times and places named in said notice, to wit:

On Tuesday, September 14, and Wednesday, September 15, 1976 in the Council Chambers, Brookings City Hall, Brookings, Oregon;

And for a period of eight days, beginning with Friday, September 17 and ending with Tuesday, September 28, 1976 (Saturdays, Sundays, and holidays excepted) at the office of the Water Resources Department, 1178 Chemeketa Street NE, Salem, Oregon.

the statements and proofs of claim theretofore filed would be open to public inspection between the hours of 8:00 a.m. to 12:00 noon and from 1:00 p.m. to 5:00 p.m. on each of said days. That said notice did state that the determination of the Director would be heard by the Circuit Court of the State of Oregon, for the County of Curry.

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That the Director did, in accordance with said notice as described in the preceding Finding 9, keep said statements and proofs of claim open to public inspection at said times and places.

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That the time set by law for the filing of statements of contest, within 15 days after the expiration of the period for public inspection, would expire on October 13, 1976, and it appearing that additional time was required by certain parties to properly prepare and file their statements of contest, the Director did, on the 14th day of October, 1976, enter an order directing that the time within which to file statements of contest, be extended, and continued to include the 2nd day of November, 1976. That within the time, as extended, the following contest was initiated by the filing with the Director a notice of contest, in writing:

Oregon Propagating Co.

vs.

C. P. Watt and E.S.S. Enterprises

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That after the filing of said statement of contest, the Director did fix a time and place for the hearing of said contest, and did on the 7th day of March, 1977, serve notice of said hearing, by certified mail, on each of the parties to said contest and on their respective counsel.

That the date and time and place set for said hearing was defined in said notice as Tuesday, May 10, 1977 at the hour of 9:00 o'clock a.m. in the Council Chambers, Brookings City Hall at Brookings, Curry County, Oregon.

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That due proof of the sending of the various notices by certified mail, as provided by law, and as hereintofore set forth, has been made and filed as part of the record herein.

That on March 22, 1977, the Oregon Propagating Company submitted a withdrawal and cancellation of the Contest, Oregon Propagating Company vs. C. P. Watt and E.S.S. Enterprises.

V. E. ANDERSON

The Registration Statement was filed under Registration No. GR-1923 in the name of V. E. Anderson, claiming an appropriation of 90 gallons per minute for the irrigation of 10.4 acres, being 9.95 acres in the NW $\frac{1}{4}$  SE $\frac{1}{4}$  and 0.45 acre in the SW $\frac{1}{4}$  SE $\frac{1}{4}$ , Section 9, Township 41 South, Range 13 West, W. M. for which Certificate of Registration No. GR-1852 was issued. Construction work is claimed to have begun in July, 1951. The use of water is described as being from a drilled well 57 feet deep, 10 inches diameter, located 246 feet north and 265 feet east from the SE Corner D.L.C. No. 40, being within NW $\frac{1}{4}$  SE $\frac{1}{4}$ , Section 9, Township 41 South, Range 13 West, W. M. The casing is described in the Registration Statement as being perforated from 51 or 52 feet to 57 feet.

V. E. Anderson of P.O. Box 2033, Harbor, Oregon, submitted Proof No. 1 claiming a right to the use of the ground waters of Harbor Reservoir for 4,000,000 gallons (12.28 a.f. per year) through a 10 inch diameter drilled well, 57 feet deep, located within the NW $\frac{1}{4}$  SE $\frac{1}{4}$  of the said section. The Claimant lists the pump rating as 60 gallons per minute.

Mr. Anderson claimed under question No. 5 of his statement and Proof of Claim, a date of initiation of the water right as July 7, 1958, which is the same date the registration statement was received and filed in the office of the Water Resources Department. Under question No. 11 of his Claim, Mr. Anderson claimed a date of July 1951 as the date of the beginning of construction. It appears that question No. 5 of the claim may have been misinterpreted to mean the date the Registration Statement was filed in the office of the Water Resources Department instead of identifying the date for the beginning of construction of the project.

The Water Resources Department classified 10.4 acres of lily bulbs as irrigated within the NW $\frac{1}{4}$  SE $\frac{1}{4}$ , Section 9, Township 41 South, Range 13 West, W. M. Water is diverted from a 10 inch diameter drilled well with a Goulds 2 inch discharge submersible pump, powered with a three horsepower electric motor. The well is located 270 feet north and 290 feet east from the west re-entrant corner E. O'Laughlin D.L.C. No. 42, being within the NW $\frac{1}{4}$  SE $\frac{1}{4}$ , as projected within the E. O'Laughlin D.L.C. No. 42, Section 9, Township 41

South, Range 13 West, W. M. Water is pumped through 1,520 feet of 3 inch diameter aluminum pipe, 840 feet of 2 inch diameter aluminum pipe, and 36 Rainbird No. 30 sprinklers with 11/64 X 3/32 inch nozzles. A maximum of 8 sprinklers are operated at one time. The ground elevation at the well site is 131.20 feet. 5.2 acres is said to be the average number of acres irrigated in any one irrigation season.

It appears this claimed right should be limited to a rate of diversion of not to exceed 0.13 cubic foot per second (58 gallons per minute) of ground water for irrigation of 10.4 acres with a date of priority of July 1951 and further limited to the appropriation of 12.3 acre feet in any one irrigation season. Claimant's rights are more particularly set out and described in the tabulation of water rights under Finding 36 herein.

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#### HASTINGS BULB GROWERS INC.

The Registration Statement was filed under Registration No. GR-251 in the name of A. K. Hastings, claiming an appropriation of 80 gallons per minute for the irrigation of 24.41 acres, being 0.41 acre in the NW $\frac{1}{4}$  NW $\frac{1}{4}$ , 20.0 acres in the SW $\frac{1}{4}$  NW $\frac{1}{4}$ , 3.0 acres in the NW $\frac{1}{4}$  SW $\frac{1}{4}$ , Section 15, 1.0 acre in the SE $\frac{1}{4}$  NE $\frac{1}{4}$  Section 16, Township 41 South, Range 13 West, W. M. for which Certificate of Registration No. GR-232 was issued. Construction work is claimed to have begun in 1955. The use of water is described as being from a drilled well 50 feet deep, 8 inches diameter, located 390 feet north and 690 feet east from the west  $\frac{1}{4}$  corner, Section 15, being within SW $\frac{1}{4}$  NW $\frac{1}{4}$ , Section 15, Township 41 South, Range 13 West, W. M. The well is described as being cased from 0 to 50 feet and the casing as perforated from 20 to 50 feet.

Hastings Bulb Growers Inc., by President, Robert K. Hastings, of P.O. Box 2155, Harbor, Oregon, submitted proof No. 2 claiming a right to the use of the ground waters of Harbor Reservoir under an initiation date of July, 1955, for 150 gallons per minute through an 8 inch diameter drilled well, 50 feet deep, located within the SW $\frac{1}{4}$  NW $\frac{1}{4}$ , Section 15, Township 41 South, Range 13 West, W. M. The use claimed is for irrigation of 23.1 acres of easter lily bulbs located in the W  $\frac{1}{4}$  of the said section, also for use for processing (dipping-cooking) planting stock. The claimant lists the capacity of the well as 80 gallons per minute.

Mr. Hastings claimed under question No. 3 that the use of the water was for "use as stated in original application". Under the registration statement filed, question No. 5, the use of water is "irrigation of lily bulb farm and other farm purposes".

The Water Resources Department classified 23.1 acres of lily bulbs as irrigated, being 0.2 acres in the NW $\frac{1}{4}$  NW $\frac{1}{4}$ , 19.7 acres in the SW $\frac{1}{4}$  NW $\frac{1}{4}$ , 0.8 acre in the SE $\frac{1}{4}$  NW $\frac{1}{4}$ , 2.4 acres in the NW $\frac{1}{4}$  SW $\frac{1}{4}$ , Section 15, Township 41 South, Range 13 West, W. M. Water is diverted from a drilled 8 inch diameter cased well with a Johnson 2 $\frac{1}{2}$  inch discharge turbine pump, powered with a 5 horsepower electric motor. The well is located 1030 feet north and 2300 feet west from the SE corner, R. Johnson D.L.C. No. 43, being within the SW $\frac{1}{4}$  NW $\frac{1}{4}$ , as projected within the R. Johnson D.L.C. No. 43, Section 15, Township 41 South, Range 13 West, W. M. The distribution system consists of 440 feet of 5 inch diameter aluminum pipe, 5200 feet of 4 inch diameter pipe, 3960 feet of 3 inch diameter aluminum pipe, and 35 Rainbird No. 30 sprinklers with 5/32 inch nozzles, 15 Rainbird No. 30 sprinklers with 1/8 inch nozzles, and 33 Rainbird No. 40 sprinklers with 5/32 inch nozzles. A maximum of 15 sprinklers are operated at one time. The ground elevation at the well site is 87.95 feet. The reported number of acres irrigated in one irrigation season is one-half the claimed acreage or 11.6 acres.

It appears this claimed right should be limited to a rate of diversion of not to exceed 0.178 cubic foot per second (80 gallons per minute) of ground water for irrigation of 23.1 acres with a date of priority of July, 1955. Any other use of water the claimant may have referred to in his claim is hereby denied as the claimant did not make a specific claim for use. Any other use of water (farm purposes or processing planting stock) other than irrigation would be an exempt use not requiring a filing for a right in an amount not exceeding 5 thousand gallons per day for any single industrial or commercial purpose under ORS 537.545. Claimant's rights are more particularly set out and described in the tabulation of water rights under finding 36 herein.

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GENEVRA E. LINDEBORG

The Registration Statement was filed under Registration No. GR-84 in the name of Tony Olsen and Clara E. Olsen, claiming an appropriation of 1.0 cubic foot per second for the irrigation of 7.16 acres within the NW $\frac{1}{4}$  SW $\frac{1}{4}$ , Section 9, Township 41 South, Range 13 West, W. M. for which Certificate of Registration No. GR-71 was issued. Construction work is claimed to have begun in 1952. The use of water is described as being from a dug sump well 50 feet long, 40 feet wide, and 5 feet deep, located 800 feet south and 1075 feet east from the west  $\frac{1}{4}$  corner, Section 9, being within the NW $\frac{1}{4}$  SW $\frac{1}{4}$ , Section 9, Township 41 South, Range 13 West, W. M. The sump or infiltration trench is described as being open.

Genevra E. Lindeborg of Route 1, Box 31, Brookings, Oregon submitted proof No.3, claiming a right to the use of the ground waters of Harbor Reservoir under an initiation date of 1952 for 120 gallons per minute through a dug sump well 50 feet long, 40 feet wide, and 5 feet deep, located within the NW $\frac{1}{4}$  SW $\frac{1}{4}$ , Section 9, Township 41 South, Range 13 West, W. M. The use claimed is for irrigation of 6 acres of lily bulb crops, strawberries, potatoes, and corn, located in the NW $\frac{1}{4}$  SW $\frac{1}{4}$  of the said section. The claimant lists the well capacity as 450 gallons per minute.

The Water Resources Department classified 6 acres of lily bulbs as irrigated within the NW $\frac{1}{4}$  SW $\frac{1}{4}$ , Section 9, Township 41 South, Range 13 West, W. M. Water is diverted from a dug sump well 50 feet long and 40 feet wide and 5 feet deep with an electric 3 horsepower 2 X 2 $\frac{1}{2}$  inch centrifugal pump. The sump well is located 440 feet north and 1980 feet west from the SE corner, J. Taggart D.L.C. 40, being within the NW $\frac{1}{4}$  SW $\frac{1}{4}$ , Section 9, Township 41 South, Range 13 West, W. M. Water is pumped through 750 feet of 3 inch diameter aluminum pipe, 780 feet of 2 inch diameter aluminum pipe, and 14 Rainbird No. 30 sprinklers with 5/32 X 3/32 inch nozzles. All 14 sprinklers are operated at one time. The ground elevation at the well site is 81.12 feet. One-half of the 6 acres is said to be the average acreage irrigated in any one irrigation season.

It appears this claimed right should be limited to a rate of diversion of not to exceed 0.075 cubic foot per second (34 gallons per minute) of ground water for irrigation of 6 acres with a date of priority of 1952. Claimant's rights are more particularly set out and described in the tabulation of water rights under finding 36 herein.

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GERALD E. & JUNE PENTER

The Registration Statement was filed under Registration No. GR-4108 in the name of E. L. Rigdon, claiming an appropriation of 90 gallons per minute for the irrigation of 6 acres, being 2 acres in the SE $\frac{1}{4}$  SW $\frac{1}{4}$ , 4 acres in the SW $\frac{1}{4}$  SE $\frac{1}{4}$ , Section 9, Township 41 South, Range 13 West, W. M. for which Certificate of Registration No. GR-3694 was issued. Construction work is claimed to have begun in June 1954. The use of water is described as being from a drilled well 69 feet deep, 8 inches in diameter, located 40 feet southwest from D.L.C. 40 being within SW $\frac{1}{4}$  SE $\frac{1}{4}$ , Section 9, Township 41 South, Range 13 West, W. M. The well casing is described in the Registration Statement as being perforated from 40 feet to 69 feet.

Gerald E. & June Penter of Route 1, Box 52-B, Brookings, Oregon submitted proof No. 4 claiming a right to the use of the ground waters of Harbor Reservoir under an

initiation date of July, 1954 for 50 gallons per minute through an 8 inch diameter drilled well, 69 feet deep, located within the SW $\frac{1}{4}$  SE $\frac{1}{4}$ , Section 9, Township 41 South, Range 13 West, W. M. The use claimed is for irrigation of 6 acres of lily bulb crops located in the SE $\frac{1}{4}$  SW $\frac{1}{4}$  and the SW $\frac{1}{4}$  SE $\frac{1}{4}$  of the said section. The claimant lists the pump rating as 50 gallons per minute.

The Water Resources Department classified 6 acres of lily bulbs as irrigated, being 3.2 acres in the SE $\frac{1}{4}$  SW $\frac{1}{4}$  and 2.8 acres in the SW $\frac{1}{4}$  SE $\frac{1}{4}$ , Section 9, Township 41 South, Range 13 West, W. M. Water is diverted from an 8 inch diameter drilled well with a Jacuzzi 4 inch discharge turbine pump, powered with a 5 horsepower electric motor. The well is located 30 feet south and 30 feet west from the SE corner J. Taggart D.L.C. 40, being within the SW $\frac{1}{4}$  SE $\frac{1}{4}$ , Section 9, Township 41 South, Range 13 West, W. M. Water is pumped through 1040 feet of 2 inch diameter aluminum pipe, and 15 Rainbird No. 30 sprinklers with 3/32 X 5/32 inch nozzles. A maximum of 8 sprinklers are operated at one time. The ground elevation at the well site is 117.28 feet.

It appears this claimed right should be limited to a rate of diversion of not to exceed 0.075 cubic foot per second (34 gallons per minute) of ground water for irrigation of 6 acres with a date of priority of July 1954. Claimants rights are more particularly set out and described in the tabulation of water rights under finding 36 herein.

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#### ISABELLE RIGDON

The Registration Statement was filed under Registration No. GR-4109 in the name of E. L. Rigdon, claiming an appropriation of 65 gallons per minute for the irrigation of 11.81 acres, being 6.81 acres in the SE $\frac{1}{4}$  NE $\frac{1}{4}$ , Section 15, 5 acres in the SW $\frac{1}{4}$  NW $\frac{1}{4}$ , Section 16, Township 41 South, Range 13 West, W. M. for which Certificate of Registration No. GR-3931 was issued. Construction work is claimed to have begun in October, 1951. The use of water is described as being from a drilled well 40 feet deep, 8 inches in diameter, located 575 feet north and 50 feet east from the west  $\frac{1}{4}$  corner, Section 15, being within the SW $\frac{1}{4}$  NW $\frac{1}{4}$ , Section 15, Township 41 South, Range 13 West, W. M. The well casing is described in the Registration Statement as being perforated from 20 feet to 40 feet.

Isabell Rigdon of P.O. Box 2436, Harbor, Oregon submitted proof No. 5 claiming a right to the use of the ground waters of Harbor Reservoir under an initiation date of October, 1951 for 100 gallons per minute through a six inch diameter drilled well, 62 feet deep located within the SW $\frac{1}{4}$  NW $\frac{1}{4}$ , Section 15, Township 41 South, Range 13 West, W. M. This

well is claimed to have been constructed in August, 1969 to replace the original well described under the Registration Statement No. GR-4109. The claimant describes the location of the new well as being 450 feet north from the old well. The use claimed is for irrigation of 11.3 acres of lily bulb crops being 5.8 acres in the SW $\frac{1}{4}$  NW $\frac{1}{4}$ , Section 15, 5.5 acres in the SE $\frac{1}{4}$  NE $\frac{1}{4}$ , Section 16, Township 41 South, Range 13 West, W. M. The claimant lists the pump rating as 50 gallons per minute.

The Water Resources Department classified 11.3 acres of lily bulbs as irrigated, being 5.8 acres in the SW $\frac{1}{4}$  NW $\frac{1}{4}$ , Section 15 and 5.5 acres in Lot 3 (SE $\frac{1}{4}$  NE $\frac{1}{4}$ ) Section 16, Township 41 South, Range 13 West, W. M. Water is diverted from an 8 inch diameter drilled well with a 2 inch discharge submersible pump, powered with a 3 horsepower Franklin electric motor. The new well, which replaced the original well described under the registration statement No. GR-4109, is located 1670 feet south and 90 feet east from the NW corner, Section 15, being within the SW $\frac{1}{4}$  NW $\frac{1}{4}$ , Section 15, Township 41 South, Range 13 West, W. M. The original well described under the registration statement reportedly has not been used since about 1968. Water is pumped through 520 feet of 3 inch diameter aluminum pipe, 1260 feet of 2 inch diameter aluminum and plastic pipe, and 19 Rainbird No. 30 sprinklers. A maximum of eight sprinklers are operated at one time. The ground elevation at the new well site is 73.80 feet and at the old well site, is 68.49 feet. Approximately one-half of the 11.3 acres is said to be irrigated in any one irrigation season.

It appears that this claimed right should be limited to a rate of diversion of not to exceed 0.111 cubic foot per second (50 gallons per minute) of ground water through the new well, constructed in 1969 for irrigation of 11.3 acres, with a date of priority of October, 1951. Claimant's rights are more particularly set out and described in the tabulation of water rights under finding 36 herein.

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ANTONE G. & JOAN M. ROSE

The Registration Statement was filed under Registration No. GR-1676 in the name of Alvin Woodriff and Edna Woodriff, claiming an appropriation of 110 gallons per minute for the irrigation of 16.5 acres, being 13 acres in the SE $\frac{1}{4}$  SE $\frac{1}{4}$ , Section 9 and 3.5 acres in the NW $\frac{1}{4}$  NE $\frac{1}{4}$ , Section 16, Township 41 South, Range 13 West, W. M. for which Certificate of Registration No. GR-1626 was issued. The date construction work was begun is not known but is claimed to have been completed in 1944. The use of water is described as being



from a dug well 26 feet deep with a diameter of 5 X 6 feet, located 250 feet south and 1480 feet west from the NE corner Section 16, being within the NW $\frac{1}{4}$  NE $\frac{1}{4}$ , Section 16, Township 41 South, Range 13 West, W. M.

Antone G. Rose and Joan M. Rose of P.O. Box 2043, Hwy. 101 South, Harbor, Oregon, submitted proof No. 6 claiming a right to the use of the ground waters of the Harbor Reservoir under an initiation date of 1944, for 110 gallons per minute through a dug well 26 feet deep and 5 X 6 feet in diameter, located within Lot 4 (NW $\frac{1}{4}$  NE $\frac{1}{4}$ ) Section 16, Township 41 South, Range 13 West, W. M. The use claimed is for irrigation of 13.7 acres of lily bulb crops being 0.4 acre in the SW $\frac{1}{4}$  SE $\frac{1}{4}$ , 9.8 in the SE $\frac{1}{4}$  SE $\frac{1}{4}$ , Section 9, 3.5 acres in Lot 4 (NW $\frac{1}{4}$  NE $\frac{1}{4}$ ) Section 16, Township 41 South, Range 13 West, W. M. The claimant lists the pump rating as 110 gallons per minute.

On December 15, 1977, the Water Resources Director entered an Administrative Order providing for the cancellation of part of the ground water Registration No. GR-1676 Certificate No. GR-1626. The cancellation order was based on affidavits submitted by Allen and Edna Woodriff and Norman C. and Janet L. Yock, owners of part of the lands claimed in the said ground water registration. The order provided for the cancellation of 3.4 acres in the SE $\frac{1}{4}$  SE $\frac{1}{4}$ , Section 9, Township 41 South, Range 13 West, W. M. and the use of 23 gallons per minute of water from the well. From an examination of the adjudication map, it appears that only 2.8 acres of the said ground water registration are appurtenant to the area considered in the cancellation affidavits.

It appears the remainder of the claimed acreage in the registration claim, 13.7 acres, would be appurtenant to the lands owned by the claimants, Antone G. & Joan M. Rose.

The Water Resources Department classified 13.7 acres of lily bulbs as irrigated, being 0.4 acre in the SW $\frac{1}{4}$  SE $\frac{1}{4}$ , 9.8 acres in the SE $\frac{1}{4}$  SE $\frac{1}{4}$ , Section 9, 3.5 acres in Lot 4 (NW $\frac{1}{4}$  NE $\frac{1}{4}$ ) Section 16, Township 41 South, Range 13 West, W. M. Water is diverted from a boarded-over dug well with a Berkley 2 $\frac{1}{2}$  X 2 inch centrifugal pump, powered with a 7.5 horsepower electric motor. The well is located 220 feet south and 1450 feet west from the NE corner Section 16, being within Lot 4 (NW $\frac{1}{4}$  NW $\frac{1}{4}$ ), Section 16, Township 41 South, Range 13 West, W. M. Water is pumped through 1020 feet of 2 inch diameter aluminum pipe, 1230 feet of 3 inch diameter aluminum pipe, and 14 Rainbird No. 30 sprinklers with 5/32 X 1/8 inch nozzles. A maximum of 12 sprinklers are operated at one time. The ground elevation at the well site is 82.07 feet.

It appears this claimed right should be limited to a rate of diversion of not to exceed 0.171 cubic foot per second (77 gallons per minute) of ground water for irrigation

of 13.7 acres with a date of priority of 1944. Claimant's rights are more particularly set out and described in the tabulation of water rights under finding 36 herein.

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HARVE JOEL STRAHM

The Registration Statement was filed under Registration No. GR-2125 in the name of Joe Knutsen, claiming an appropriation of 90 gallons per minute for the irrigation of 10.4 acres, being 5.0 acres in the SW $\frac{1}{4}$  SW $\frac{1}{4}$ , 5.4 in the SE $\frac{1}{4}$  SW $\frac{1}{4}$ , Section 9, Township 41 South, Range 13 West, W. M. for which Certificate of Registration No. GR-3954 was issued. The date construction work was begun is unknown but is claimed to have been completed on August 10, 1952. The use of water is described as being from a sump well 25 to 30 feet deep and 20 feet wide by 30 feet long, located 1800 feet south and 1100 feet east from the West  $\frac{1}{4}$  corner, Section 9, being within SW $\frac{1}{4}$  SW $\frac{1}{4}$ , Section 9, Township 41 South, Range 13 West, W. M.

Harve Joel Strahm of P.O. Box 2216, Harbor, Oregon submitted proof No. 7 claiming a right to the use of the ground waters of Harbor Reservoir under an initiation date of August 10, 1952 for 85 gallons per minute thru a dug well 23 feet deep, 20 feet wide and 30 feet long, located within Lot 2 (SE $\frac{1}{4}$  SW $\frac{1}{4}$ ), Section 9, Township 41 South, Range 13 West, W. M. The use claimed is for irrigation of 9.7 acres of lily bulb crops being 2.8 acres in the SW $\frac{1}{4}$  SW $\frac{1}{4}$  and 6.9 acres in the SE $\frac{1}{4}$  SW $\frac{1}{4}$  of the said section. The claimant lists the well rating as 85 gallons per minute.

The Water Resources Department classified 9.7 acres of lily bulbs as irrigated, being 2.8 acres in Lot 2 (SW $\frac{1}{4}$  SW $\frac{1}{4}$ ), 1.5 acres in Lot 2 (SE $\frac{1}{4}$  SW $\frac{1}{4}$ ), 5.4 acres in SE $\frac{1}{4}$  SW $\frac{1}{4}$  as projected within T. Sharp, D.L.C. 41, Section 9, Township 41 South, Range 13 West, W. M. Water is diverted from a dug sump well with a Cornell 2 X 1 $\frac{1}{2}$  inch centrifugal pump powered by a 5 horsepower electric motor. The sump well is covered with a concrete dome and has a drain installed 7 feet below land surface to prevent winter overflow of the sump. The summer surface water level of the sump is said to be 10 feet below land surface. The well is located 350 feet south and 70 feet west from the NW corner T. Sharp D.L.C. 41, being within Lot 2 (SE $\frac{1}{4}$  SW $\frac{1}{4}$ ), Section 9, Township 41 South, Range 13 West, W. M. Water is pumped through 640 feet of 2 inch diameter aluminum pipe, 520 feet of 3 inch diameter aluminum pipe, and 16 Rainbird No. 30 and No. 40 sprinklers with 5/32 X 3/32 inch nozzles. All 14 sprinklers are operated at one time. The ground elevation at the well site is 77.27 feet.

It appears that this claimed right should be limited to a rate of diversion of not to exceed 0.121 cubic foot per second (54 gallons per minute) of ground water for irrigation of 9.7 acres with a date of priority of August 10, 1952. Claimant's rights are more particularly set out and described in the tabulation of water rights under finding 36 herein.

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#### CECIL WATT

The Registration Statement was filed under Registration No. GR-542 in the name of Cecil Watt claiming an appropriation of 100 gallons per minute for the irrigation of 23.0 acres, being 6.0 acres in the SW $\frac{1}{4}$  SW $\frac{1}{4}$ , Section 10, 14.0 acres in the NW $\frac{1}{4}$  NW $\frac{1}{4}$ , Section 15, 3.0 acres in the NE $\frac{1}{4}$  NE $\frac{1}{4}$ , Section 16, Township 41 South, Range 13 West, W. M. for which Certificate of Registration No. GR-517 was issued. Construction work is claimed to have begun in May, 1948. The use of water is described as being from a drilled well 44 feet deep, 12 inches in diameter, located 717 feet south and 405 feet east from the NW corner, Section 15, being within the NW $\frac{1}{4}$  NW $\frac{1}{4}$ , Section 15, Township 41 South, Range 13 West, W. M. The casing is described in the Registration Statement as being perforated from 25 feet to 44 feet.

Cecil Watt of 707 Wedgewood Lane, Route 1, Brookings, Oregon, submitted proof No. 8 claiming a right to the use of the ground waters of Harbor Reservoir under an initiation date of May, 1948 for 2 to 3 inches every 10 to 12 days, applied rate one-half inch per hour through a 12 inch diameter drilled well, 44 feet deep located within the NW $\frac{1}{4}$  NW $\frac{1}{4}$ , Section 15, Township 41 South, Range 13 West, W. M. The use claimed is for irrigation of 11.8 acres of lily bulb crops being 3.6 acres in the SW $\frac{1}{4}$  SW $\frac{1}{4}$ , Section 10 and 8.2 acres in the NW $\frac{1}{4}$  NW $\frac{1}{4}$ , Section 15. The claimant lists the pump rating as 100 gallons per minute.

The Water Resources Department classified 11.8 acres of lily bulbs as irrigated, being 1.8 acres in the SW $\frac{1}{4}$  SW $\frac{1}{4}$  as projected within T. Sharp D.L.C. 41, 1.8 acres in the SW $\frac{1}{4}$  SW $\frac{1}{4}$  as projected within E. O'Laughlin D.L.C. 42, Section 10, 6.3 acres in the NW $\frac{1}{4}$  NW $\frac{1}{4}$  as projected within E. O'Laughlin D.L.C. 42, 1.9 acres in the NW $\frac{1}{4}$  NW $\frac{1}{4}$  as projected within R. Johnson D.L.C. 43, Section 15, Township 41 South, Range 13 West, W. M. Water is diverted from a well with a Peerless 4 inch discharge turbine pump powered by a 5 horse-power electric motor. The well is located 740 feet south and 420 feet east from the NW corner, Section 15, being within the NW $\frac{1}{4}$  NW $\frac{1}{4}$  as projected within E. O'Laughlin D.L.C. 42, Section 15, Township 41 South, Range 13 West, W. M. Water is pumped through 1080 feet of

3 inch diameter pipe and 10 Rainbird No. 30 sprinklers with 5/32 X 3/32 inch nozzles. Water is also diverted for irrigation use of lawns and gardens around the buildings in addition to domestic purposes with a 2 horsepower electric Jet centrifugal 1 inch discharge pump and 1 inch diameter plastic pipe. An experimental section of crop land is irrigated with a buried drip system that is supplied by the smaller pump. The ground elevation at the well site is 94.86 feet.

It appears this claimed right should be limited to a rate of diversion of not to exceed 0.148 cubic foot per second (66 gallons per minute) of ground water for irrigation of 11.8 acres with a date of priority of May, 1948. Claimant's rights are more particularly set out and described in the tabulation of water rights under finding 36 herein.

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#### BOUNDARIES AND DEPTH OF GROUND WATER

The Harbor Ground Water Reservoir is an alluvial aquifer underlying the bench land which encompasses approximately 2.1 square miles located between Tuttle Creek and Winchuck River on respectively the north and south ends and between the Pacific Ocean and the toe of the western foothills of the Coast Range. The top of the main aquifer is approximately 19 feet below land surface and the bottom of the aquifer is approximately 35 feet below land surface.

There are a few small semi-perched ground water units above the main aquifer. Although the rate of transmissivity is low, these zones leak to the main body and provide part of the recharge. The Lindeborg irrigation project is supplied with water from these upper ground water bodies by utilizing an excavated sump.

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#### LOWEST PERMISSIBLE WATER TABLE

The lowest permissible water table is influenced by the recharge (which in turn is dependent upon precipitation) giving consideration to (1) maintaining sufficient storage to insure adequate ground water supplies during years of less than average precipitation and (2) maintaining a sufficient saturated column such that the product of the specific capacity of the wells and the thickness of the saturated column is equal to or greater than the permitted rate of production at the point of withdrawal.

Specific capacities of wells on the Harbor Bench as calculated from data in appendix I (Water Resources Ground Water Report No. 26) range from less than 0.01 gallons

per minute per foot (Gerlach well, Section 15,  $\frac{1}{4}$  gallon per minute, 41 feet drawdown) to perhaps 100 gallons per minute per foot or more (Yock well No. 4, Section 15, 50 gallons per minute, assumed 6 inches drawdown) with an average of 7 gallons per minute per foot of drawdown. An aquifer test conducted using the Yock No. 6 well indicated a specific capacity of approximately 12 gallons per minute per foot which is a reasonable figure for irrigation wells on the bench. Most irrigation projects on the bench are slightly less than 10 acres. Based upon a duty of water limited to 1/80 cubic foot per second per acre, the average irrigation project, i.e. 10 acres, will thus be permitted to withdraw ground water at a rate of 1/8 cubic foot per second, or slightly less than 60 gallons per minute.

Using 60 gallons per minute as the average production rate and dividing that figure by a specific capacity of 12 gallons per minute per foot indicates an anticipated average drawdown of 5 feet. This figure, would be the absolute minimum allowable saturated column above the bottom of the aquifer if (1) the average amount of precipitation falls each year and if (2) no increases occur in the amount of natural ground water discharge either in the stream channels or in the sea cliff.

However, it is not reasonable to assume that the "average" amount of precipitation will occur each year. Therefore, 30 percent of the average annual recovery, or approximately 3 feet (See Water Resources Ground Water Report No. 26, Table 1) is a reasonable safety factor for dry years. Adding this to the 5 feet of drawdown expected during irrigation of typical acreages gives 8 feet as an approximate minimum saturated column above the bottom of the aquifer. As indicated in table 1 of the Ground Water Report, the annual low water table currently leaves 13.6 feet of saturated column above the base of the aquifer which is 5.6 feet in excess of the minimum herein prescribed.

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#### LOCATION, EXTENT AND QUALITY OF THE GROUND WATER SUPPLY

Terrace deposits form the aquifer of the Harbor Ground Water Reservoir. The deeply incised Tuttle Creek on the north and the Winchuck River on the south form hydrologic boundaries for the reservoir aquifer. The east boundary of the aquifer occurs at the base of the foothills where the terrace deposits pinch out, and the west boundary of the aquifer occurs at the sea cliff. The lower boundary of the aquifer is the underlying Macklyn member of the Dothan formation. Ground water is stored in and is transmitted by the basal gravels. The basal gravels, which comprise the aquifer, vary greatly in thickness but average approximately 16 feet and in general directly overlie the Macklyn

member. The position of the upper surface of the gravel layer is quite variable, but averages approximately 19 feet below land surface.

The average annual low static water level is approximately 21.4 feet below land surface leaving 13.6 feet of saturated column while the average annual high static water level rises well above the top of the gravel to approximately 12.7 feet below land surface, giving 22.3 feet of saturated column. Based on storage coefficients derived from an aquifer test on Yock Well No. 6, the computed storage capacity of the reservoir is 714 acre feet. The amount of effective recharge after the beginning of the irrigation season cannot be measured precisely but is estimated to be 25% of the total capacity. This would give a firm annual yield of 900 acre feet.

Development has modified the recharge pattern. It may be necessary in the future to restrict drainage practices or induce artificial recharge to maintain this level of use. Actual use must be controlled in accordance with relative dates of priority to insure that annual appropriations do not exceed this amount. Since some estimates were involved in the determination, the safe annual yield shall be reviewed after 5 years.

Ground water exists within the terrace deposits generally throughout the entire area of the reservoir. However, in some areas, notably south of Johnson Creek, wells may be capable of only small production rates because of a thinning or complete absence of gravels.

The quality of the ground water is generally very good, though the potential for contamination by onsite domestic sewage disposal is increasing with the change of land use from agricultural to suburban and urban development. Chemical analyses show the water to be soft; its pH is nearly neutral; the total dissolved solids are low, being approximately 70 parts per million; and the salinity is 0.

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#### SERVICABLE METHODS OF WITHDRAWAL

Ground water in the terrace deposits is perched on top of the Macklyn member of the Dothan formation and is contained within the basal gravels of the terrace deposits. These basal gravels are overlain by silts and clays with relatively low hydraulic conductivities and which themselves are overlain by a variety of soils. Hebo soils in particular have a very slow permeability and therefore, tend to pond water. This ponding is augmented if a gravelly subsoil is present up-gradient. These conditions combine to produce smaller ground water bodies perched above the main aquifer which lies some 19 feet below land surface. Several irrigation projects are supplied with water from sumps

excavated where these conditions prevail.

However, on much of the bench, sumps cannot provide an adequate water supply for irrigation needs. In these areas, drilled wells are necessary to tap the ground water resources. Even then, proper design including perforated casing or preferably well screens, filter packs, and proper well development is necessary to produce an adequate irrigation supply.

Sand points may be capable of producing water in very limited quantity in a few locations on the bench, but without a filter pack and proper development, excessive drawdowns will prevent production of an adequate irrigation supply.

Open pit wells or sumps, though capable of producing adequate amounts of water, are to be discouraged because of the high potential for contamination of the ground water body through them.

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#### RULES FOR CONTROLLING THE USE OF GROUND WATER

Accurate pumpage information describing the total amount of ground water withdrawn annually from the Harbor Ground Water Reservoir is required to insure that no one exceeds their authorized water right. Total withdrawal data is necessary to assist in making additional quantitative determinations of the ground water storage capacity within the aquifer. Water use and ground water levels will be monitored in the future to determine if provisions restricting the use of ground water will become necessary. Records of pumpage will assist in reaching those conclusions and defining additional controls that become necessary.

That the owners or operators of all wells in the Harbor Ground Water area other than wells used for purposes exempted from filing as provided by ORS 537.545, shall equip and maintain their wells with totalizing water meters, control valves and adequate water level measuring facilities prior to any ground water withdrawal after December 31, 1979. Any well not equipped with the required meter, control valve and water level measuring facilities shall be regulated by the Director (through the Watermaster) and shut off until the required works are installed and operating properly. The type and installation of said meters, control valves and water level measuring facilities shall be in accordance with authorized meter specifications and subject to approval of the Director. Each well owner or operator shall maintain an accurate monthly record of the amount of ground water withdrawn from each well. A copy of these records shall be forwarded to the Water Resources Department by November 30th of each year.

RULES WITH RESPECT TO CONSTRUCTION, OPERATION AND PROTECTION OF WELLS

That because of the high potential for contamination of the ground water body through open pit wells or sumps by onsite domestic sewage disposal, their construction is prohibited.

DUTY OF WATER FOR IRRIGATION USE

Taking into consideration all of the various elements and conditions having a bearing on the quantity of water essential for the irrigation of crops within the basin of the Harbor Ground Water Reservoir, the duty of water, except where particularly defined in specific findings herein, hereby is fixed at not to exceed 2.5 acre feet per acre during any one irrigation season.

The rate of flow or head of water to be diverted, where not specifically stated in specific findings herein, or definitely fixed in a permit or certificate of water right, hereby is fixed at not to exceed one-eightieth of one cubic foot per second for each acre irrigated.

It is further provided that the quantity of water which a claimant whose right has been determined herein shall be entitled to divert at any time shall be determined on the basis of the acreage actually prepared for irrigation and to which water may be beneficially applied in the production of crops.

DUTY OF WATER FOR RIGHTS EVIDENCED BY PERMITS AND CERTIFICATES

Claimants who have asserted rights to the use of the ground waters of Harbor Ground Water Reservoir, based upon a certificate of water right issued by the Director, or upon a permit issued by the Director, which right has not yet been perfected, are limited to the quantity of water and rate of diversion set out in such certificate or permit. Provided, that the quantity of water for irrigation use, unless otherwise provided in the certificate of water right or permit, is limited to 2.5 acre feet per acre for each acre or fraction thereof, irrigated during any one irrigation season.



RIGHTS UNDER PERMITS ISSUED BY THE WATER RESOURCES DIRECTOR

Subject to the terms and conditions and modifications herein, each and every appropriator of the ground waters of Harbor Ground Water Reservoir, who has initiated a right to the use of said waters by filing an application with the Water Resources Department for a permit, whether a claim was filed in this proceeding or not, shall have such rights thereunder as provided by law, and such rights shall be maintained or perfected in the manner provided by law for the completion thereof.

IRRIGATION SEASON

The irrigation season for Harbor Ground Water Reservoir hereby is fixed as commencing on May 1 and ending October 15 of each year.

RIGHTS APPURTENANT TO LAND

The rights to the use of the ground waters of Harbor Ground Water Reservoir for irrigation purposes, are appurtenant to the lands herein described in connection with such rights, and are limited and confined to the irrigation of the lands described herein, and the priorities of rights confirmed confer no right to the use of the ground waters of said ground water reservoir on any lands other than those specified tracts to which such rights are herein set forth as appurtenant, and each and every person, association or corporation, or their respective successors in interest, shall be and hereby are prohibited, restrained and enjoined from diverting and using ground water from said ground water reservoir on any other lands or for any other purpose without lawful permit thereto first obtained from the Director.

DIVERSIONS GOVERNED BY PRIORITIES AND BENEFICIAL USE

The order of rights of the respective appropriators of the ground waters of Harbor Ground Water Reservoir, and the order in which they are entitled to divert and use said water shall be and is according to the date of relative priority of the rights as determined and set forth herein, and the first in order of time according to the date of relative priority shall be and hereby is first in order of right, and so on down to the latest priority, and those having prior rights are entitled to divert and use the ground

waters of said ground water reservoir when necessary for the irrigation of their respective lands, or other useful and beneficial purposes for which they were allowed a right of use, and in accordance with such right at all times against those having rights of subsequent priority, without let or hindrance, and whenever the ground water is not required for beneficial use by the appropriator having such prior right to its use for the purpose for which such water was appropriated, he must, without let or hindrance, make no diversion thereof, and those having subsequent rights are entitled to the use of said ground waters and to divert the same to the extent of their respective rights, according to the order of priority of their respective rights; and at all times the ground water diverted by the appropriator whose rights have been determined herein, shall be beneficially and reasonably used without waste, and no rights of appropriation are hereby confirmed to divert a greater quantity of ground water than such appropriator can beneficially use for the purpose to which the ground water is to be used, in accordance with his right. In the event any user withdraws more water than his authorized amount in any one year, his allotment for the following year shall be reduced by the same amount.

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CRITICAL GROUND WATER AREA

The Director may include in a determination proceeding, a determination of a critical ground water area, if he finds the following reasons; the probability of wasteful use or undue interference with existing wells or that any proposed use or well will impair or substantially interfere with existing rights to appropriate surface water by others; ground water levels in the area in question interfere substantially with one another; the available ground water supply in the area in question are declining or have declined excessively; the wells of two or more ground water claimants or appropriators within the area in question interfere substantially with one another; the available ground water supply in the area in question is being or is about to be overdrawn; the purity of the ground water in the area in question has been or reasonably may be expected to become polluted to an extent contrary to the public welfare, health and safety.

That the Director finds none of the afore situations have occurred in the Harbor Ground Water Reservoir area, therefore, the determination of a critical ground water area is not applicable in this proceeding.

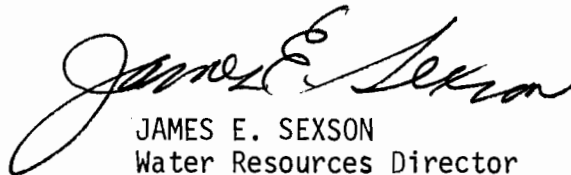
ORDER OF DETERMINATION

To summarize and supplement the specific findings herein, the rights of the claimants to the use of the ground waters of Harbor Ground Water Reservoir as determined herein, are arranged in tabulated form, with the date of relative priority of such appropriation, the quantity or rate of flow of the water allowed such appropriator, the number of acres to be irrigated by such appropriation, the use or uses to which such water is applied, the means by which the water so appropriated has been diverted, the name of the source from which the water is appropriated and diverted, and the description of the lands upon which the water has been used and is fixed as appurtenant; the tabulated right of each appropriator being set opposite and following his name and post office address, as stated in his statement and proof of claim as follows:

Name and Postoffice Address of Appropriator	Date of Relative Priority	Amount Cubic Feet Per Second	Number Acres	Use	Name of Ditch	Stream	Description of Land or Place of Use
<sup>151</sup> ANDERSON, V. E. P. O. Box 2033 Harbor, Oregon 97415 (Proof No. 1) (See Finding 15)	July 1951	0.13 (58 gpm)	10.4	Irrigation	Well and pump	Harbor Ground Water Reservoir	10.4 acres NW $\frac{1}{4}$ SE $\frac{1}{4}$ as projected within E. O'Laughlin DLC 42 Section 9 T. 41 S., R. 13 W., W.M.
<sup>152</sup> HASTINGS BULB GROWERS, INC. by President Robert K. Hastings P. O. Box 2155 Harbor, Oregon 97415 (Proof No. 2) (See Finding 16)	July, 1955	0.178 (80 gpm)	23.1	Irrigation	Well and pump	Harbor Ground Water Reservoir	0.2 acre NW $\frac{1}{4}$ NW $\frac{1}{4}$ 19.7 acres SW $\frac{1}{4}$ NW $\frac{1}{4}$ 0.8 acre SE $\frac{1}{4}$ NW $\frac{1}{4}$ 2.4 acres NW $\frac{1}{4}$ SW $\frac{1}{4}$ all as projected within R. Johnson DLC 43 Section 15 T. 41 S., R. 13 W., W.M.
<sup>153</sup> LINDEBERG, Genevra E. Rt.1, Box 31 Brookings, Oregon 97415 (Proof No. 3) (See Finding 17)	1952	0.075 (34 gpm)	6.0	Irrigation	Well and pump (dug 5 feet deep 40x50 feet)	Harbor Ground Water Reservoir	6.0 acres NW $\frac{1}{4}$ SW $\frac{1}{4}$ as projected within J. Taggart DLC 40 Section 9 T. 41 S., R. 13 W., W.M.
<sup>154</sup> PENTER, Gerald E. and June Rt.1, Box 52-B Brookings, Oregon 97415 (Proof No. 4) (See Finding 18)	July 1954 T-4517	0.075 (34 gpm) P.O.A.	6.0	Irrigation	Well and pump	Harbor Ground Water Reservoir	3.2 acres SE $\frac{1}{4}$ SW $\frac{1}{4}$ 2.8 acres SW $\frac{1}{4}$ SE $\frac{1}{4}$ both as projected within T. Sharp DLC 41 Section 9 T. 41 S., R. 13 W., W.M.
<sup>155</sup> RIGDON, Isabelle P.O. Box 2436 Harbor, Oregon 97415 (Proof No. 5) (See Finding 19)	October 1951	0.111 (50 gpm)	11.3	Irrigation	Well and pump	Harbor Ground Water Reservoir	5.8 acres SW $\frac{1}{4}$ NW $\frac{1}{4}$ as projected within R. Johnson DLC 43 Section 15 5.5 acres Lot 3 (SE $\frac{1}{4}$ NE $\frac{1}{4}$ ) Section 16 T. 41 S., R. 13 W., W.M.
<sup>156</sup> ROSE, Antone G. and Joan M. P.O. Box 2043 Hwy. 101-S Harbor, Oregon 97415 (Proof No. 6) (See Finding 20)	1944	0.171 (77 gpm)	13.7	Irrigation	Well and pump (dug 26 feet deep 5x6 feet)	Harbor Ground Water Reservoir	0.4 acre SW $\frac{1}{4}$ SE $\frac{1}{4}$ 9.8 acres SE $\frac{1}{4}$ SE $\frac{1}{4}$ both as projected within T. Sharp DLC 41 Section 9 3.5 acres Lot 4 (NW $\frac{1}{4}$ NE $\frac{1}{4}$ ) Section 16 T. 41 S., R. 13 W., W.M.
<sup>157</sup> STRAHM, Harve Joel P.O. Box 2216 Harbor, Oregon 97415 (Proof No. 7) (See Finding 21)	Aug. 10, 1952	0.121 (54 gpm)	9.7	Irrigation	Well and pump (dug 23 feet deep 20 x 30 feet)	Harbor Ground Water Reservoir	2.8 acres Lot 2 (SW $\frac{1}{4}$ SW $\frac{1}{4}$ ) 1.5 acres Lot 2 (SE $\frac{1}{4}$ SW $\frac{1}{4}$ ) 5.4 acres SE $\frac{1}{4}$ SW $\frac{1}{4}$ as projected within T. Sharp DLC 41 Section 9 T. 41 S., R. 13 W., W.M.
<sup>158</sup> WATT, Cecil 707 Wedgewood Lane Rt. 1 Brookings, Oregon 97415 (Proof No. 8) (See Finding 22)	May, 1948	0.148 (66 gpm)	11.8	Irrigation	Well and pump	Harbor Ground Water Reservoir	1.8 acres SW $\frac{1}{4}$ SW $\frac{1}{4}$ as projected within T. Sharp DLC 41 1.8 acres SW $\frac{1}{4}$ SW $\frac{1}{4}$ as projected within E. O'Laughlin DLC 42 Section 10 6.3 acres NW $\frac{1}{4}$ NW $\frac{1}{4}$ as projected within E. O'Laughlin DLC 42 1.9 acres NW $\frac{1}{4}$ NW $\frac{1}{4}$ as projected within R. Johnson DLC 43 Section 15 T. 41 S., R. 13 W., W.M.

And the Water Resources Director of Oregon, being first fully advised in the premises, it is hereby CONSIDERED AND ORDERED that the relative rights of the various claimants to the use of the ground waters of Harbor Ground Water Reservoir, be and the same hereby are determined and settled as set forth in the foregoing Findings and Order of Determination.

Dated at Salem, Oregon this 19th day of November, 1979.

  
JAMES E. SEXSON  
Water Resources Director