



Jim Nichol, CGCS, presents Jim Snow, National Director of the USGA Green Section, with a check for the USGA's Turfgrass and Environmental Research Program on behalf of the Minnesota Golf Course Superintendents Association. The check was presented at the GCSAA Conference and Show in Anaheim, California. The research program is dedicated to developing turfgrasses for golf courses that substantially reduce water use, pesticide use, and maintenance costs, and to developing turfgrass management practices that protect the environment while providing quality playing surfaces. Jim is the golf course superintendent at Hazeltine National Golf Club in Chaska, Minnesota.

Attention Effluent/Reclaimed/Recycled Irrigation Water Users: We Need Your Help!

THE *WaterReuse* Association, an organization dedicated to increasing water recycling, recently formed a golf course work group. This organization is comprised of a broad spectrum of members from public agencies, consultants, and private industry, along with regulatory agencies working together to find solutions to recycled water use problems. The association was organized in 1990 to address recycled water use in the state of California. Their scope has now expanded to include national and international concerns.

The golf course work group was formed under the Landscape/Horticulture Subcommittee of the Agriculture Committee. Mike Huck, agronomist, USGA Green Section Southwestern Region, is heading this group in conjunction with committee members Pat Gross, Director, USGA Southwestern Region, and Mark Stanek, Technical Advisor / Water Quality, City of Sunnyvale, California, Department of Public Works. The work group intends to address specific problems and concerns that golf courses have with recycled irrigation water, including:

- Developing an accurate and up-to-date database of golf courses irrigating with recycled water.
- Survey golf courses using recycled water to identify specific problems and gain feedback from users.
- Suggest minimum water quality standards for turf (and particularly

putting greens) irrigation with regard to salinity, pH, SAR, bicarbonate content, and toxic ions.

- Develop design and management guidelines for lakes to reduce the need for algae and water weed control by using the input and experience of water reclamation engineers and treatment plant operators.
- Recommend that recycled water suppliers provide golf course users with water analysis reports on a frequent basis that address water quality from both agricultural suitability and human health standpoints.
- Establish uniform system retrofit standards with regard to backflow, signage, cross connection, health and safety regulations, etc.
- Develop best management practices.

If your course currently uses or is scheduled to begin using recycled water in the near future, we need your help to develop a database of users. Please send the name, address, phone, and fax of your golf course, and a contact person to:

Mike Huck
USGA Southwest Region
505 N. Tustin Ave., Suite 121
Santa Ana, CA 92705
Fax (714) 542-5777
e-mail: mhuck@usga.org

This will assure that our upcoming user survey reaches you, and your experiences with recycled water are documented. Thank you for your participation.

Physical Soil Testing Laboratories*

The following laboratories are accredited by the American Association for Laboratory Accreditation (A2LA), having demonstrated ongoing competency in testing materials specified in the USGA's Recommendations for Putting Green Construction. The USGA recommends that only A2LA-accredited laboratories be used for testing and analyzing materials for building greens according to our guidelines.

BROOKSIDE LABORATORIES, INC.
308 S. Main Street
New Knoxville, OH 45871
Attn: Mark Flock
(419) 753-2448
(419) 753-2949 FAX

EUROPEAN TURFGRASS LABORATORIES LIMITED
3 Cunningham Road
Springkerse Industrial East
Stirling FK7 7SL Scotland
Attn: John Souter
(44) 1786-449195
(44) 1786-449688 FAX

N. W. HUMMEL & CO.
35 King Street, P.O. Box 606
Trumansburg, NY 14886
Attn: Norm Hummel
(607) 387-5694
(607) 387-9499 FAX

THOMAS TURF SERVICES, INC.
1501 FM 2818, Suite 302
College Station, TX 77840-5247
Attn: Bob Yzaguirre / Jim Thomas
(409) 764-2050
(409) 764-2152 FAX

TIFTON PHYSICAL SOIL TESTING LABORATORY, INC.
1412 Murray Avenue
Tifton, GA 31794
Attn: Powell Gaines
(912) 382-7292
(912) 382-7992 FAX

TURF DIAGNOSTICS AND DESIGN, INC.
310-A North Winchester Street
Olathe, KS 66062
Attn: Chuck Dixon
(913) 780-6725
(913) 780-6759 FAX

*Revised January 1998. Please contact the USGA Green Section (908-234-2300) for an updated list of accredited laboratories.