**BRIEFS**

**HURRICANE RELIEF SENT**

South Florida golf course maintenance employees who had homes were destroyed or damaged by Hurricane Andrew are getting help from their "golf family." The Florida GCSA has established a relief fund. First financial shot was fired by the Palm Beach GCSA, which donated $1,000. West Virginia's GCSA matched that. The Carolinas and Georgia GCASs were as quick to offer assistance. Relief fund checks payable to the FCGSA should be sent to 7905 Northwest Pine Lake Drive, Stuart, FL., 34994; phone number is 407-692-9349.

**LAKE CONFERENCE HELD**

CINCINNATI — The North American Lake Management Society's (NALMS) 12th annual International Symposium, geared to protecting and enhancing surface water quality, will be held here Nov. 27. While many of the workshop topics will be technical, there will be many presentations for volunteers who monitor water quality. The symposium comes during the 35-year Clean Water Act, which is under the spotlight and may not be renewed. More information is available from NALMS, One Progress Blvd., Box 27, Alachua, FL., 32615; 904-482-2554.

**COUCOSSE NASB RODGERS**

FRESNO, Calif. — Gary Rodgers, superintendent at Riverside Golf Course and former board member of the Northern California Chapter of the GCA of California, has been named director of maintenance and construction for CourseCo, Inc. Based in Fresno, he will continue as superintendent at Riverside. He will plan and oversee maintenance and construction at all CourseCo-managed facilities.

**HAYES GCSAA EDUCATION MANAGER**

The Golf Course Superintendents Association of America has named Alan Hayes education manager for technical training. Hayes will conduct and refine training. Hayes will conduct and refine technical training. Hayes will conduct and refine technical training.

**TAAGEN HIRED AT CORDILLERA**

EDWARDS, Colo. — Cordillera has appointed Tim Taagen superintendent, according to Gerry Engle, project general manager. Taagen will be responsible for all facets of construction, operation, and maintenance for the 7,000-yard, par-72 Hale Irwin-designed course, which is scheduled to open with all 18 holes in 1994. Taagen, 28, has worked for three of the top 10 courses in the country. Most recently, he was superintendent at Green Gables Country Club in Denver. Prior to this, he was Assistant Superintendent at Cherry Hills Country Club in Denver.

**Scenic Halifax (above), sitting on the east coast of Nova Scotia, is the site for the Canadian Golf Superintendents Association's 44th Canadian Turfgrass Conference and Trade Show. Halifas itself, is home to some wonderful golf courses, including Blackheath Golf Course (right). The event, Nov. 29-Dec. 2, is being held in the World Trade and Convention Center and Halifax Metro Centre. Despite the tight budget, said Terry in a problem in Halifax. Most of all the major hotels, the convention center and shopping malls are connected by elevated "paddows" — enclosed walkways connecting the buildings — that can bring you indoors from the harbour up to Citadel Hill. The Prince George Hotel, the headquarters hotel for the conference, is connected by an underground tunnel to the World Trade and Convention Centre.**

**HydroJect's influences debated**

Not since the introduction of the triplex greensmower has a single piece of equipment generated as much interest as the Toro HydroJect (HJ). Its initial attraction was that it allows you to aerify with only minimum surface disturbance. But after a year-and-a-half on the market, what most superintendents are more interested in knowing is: "Does it really work?"

Though admittedly, there's still a lot to be learned, I and several other area superintendents have used the HJ extensively can shed some light on the inner workings — and the pros and cons — of the machine.

My hope is that they'll spare you hours of trial and error when operating the Toro HydroJect on your course.

**BOB ALONZI, GCGB, Winged Foot Golf Club, Mamaroneck, N.Y.**

Objective: We're a heavily played club, so we get a lot of soil compaction particularly in June, July, and August. Our prime objective with the HydroJect was to try to alleviate that compaction without inconveniencing our membership.

Use: Last year, we did all the greens twice during the summer and once late fall. The full treatment was intended to improve drainage during the winter.

This year, we went out in July and again just recently to alleviate any stress.

Results: The HJ, combined with other practices, such as summer punch control, and spring and fall aeration does seem to help combat the effects of heavy play on our small greens. It's hard to tell, though, whether our full treatment did improve drainage.

Comments: A concern I have with long-term use of the HJ is soil separation below the surface. This situation should be carefully monitored. I don't think the HJ replaces coring. Coring allows you to modify the soil by incorporating amendments into the holes. I think, for now, it's best to stick to a program that combines conventional coring with deep aeration and HJ use during the summer. If nothing else, this type of program will offer a better balance in fighting compaction.

Continued on page 14

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**North of the border, Canada draws super to 'learning' show**

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**Intl' experts share wisdom at symposium**

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HydroJect

Continued from page 11

illy the entire green, sometimes just the walk-off areas or other areas we know are highly compacted.

**Results:** With multiple blasts, we've gotten down eight to 10 inches. Adding a cupful of wetting agent, the walk-off areas or other areas we know are highly compacted.

**Use:** Last year, we ran the HJ once in late spring and again in the fall.

**Results:** After our spring treatment — by the end of July — I saw considerable improvement in my root systems. I had problems with the greens drying out after treatment, but I was aerifying in the middle of a very hot summer. So I put wetting agent down, and that seemed to control the moisture loss.

I skipped my regularly scheduled core aeration in the fall and used the HJ instead. The HJ treatments definitely gave us better water movement. In fact, I had water movement down deeper into the green than I had roots.

**Comments:** We had a good season, but I'm not convinced yet that HJ treatments are substitute for core aeration.

**Purpose:** To core aerify this fall.

**Pat Lucas, GCAC, Innis Arden Golf Club/Earth Works, Old Green-**

**wick, Conn.**

**Problem:** Poor water quality, such as high concentrations of algae, can cause the HJ's on-board 5 micron filtration system to plug and shut down the machine. A built-in safety device shuts down the unit when water pressure falls below 20 PSI.

**Solution:** Last August, Toro came out with an auxiliary portable prefiltration system the Ametek #HD-10 that goes in-line at the water source and filters the water before it reaches the machine. With its 25 micron rope-type cartridge, this system handles even the most difficult water quality problems.

**Problem:** Taking the HJ's filter housings apart to change or flush filters is often difficult.

**Solution:** Coat both the housing treads and rubber "O" ring with silicone. Also note that Toro's metal spanner filter wrench is a real knuckle-buster. Much better, we've found, is the full-circle plastic wrench available from Ametek.

**Problem:** Poulard wear diminishes the depth of penetration, which runs four to seven inches, depending on soil conditions.

**Solution:** A new nozzle's diameter equals a 653 drill bit. Anything larger indicates wear.

Objective: I was looking to improve the oxygen exchange, root development, and water movement on my greens. I also wanted to alleviate any surface compaction created by using a greens roller.

I decided to give try HydroJect because it's able to produce a hole deeper than conventionally, yet doesn't disturb the surface.

**Purpose:** I was looking to improve the oxygen exchange, root development, and water movement on my greens. I also wanted to.

**Objective:** We know we're getting improved greens that had two-inch root systems measured about four inches a month after an HJ treatment. Of course, the Vet-Drain has spurred even more vigorous root growth—by the end of July — I saw considerable improvement in my root systems. I had problems with the greens drying out after treatment, but I was aerifying in the middle of a very hot summer. So I put wetting agent down, and that seemed to control the moisture loss.

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