Twin Cities golf course earns statewide award for watershed conservation

Alexandria, MN – Ecological restoration work on Maplewood’s Keller Golf Course earned Project of the Year honors from the Minnesota Association of Watershed Districts at the organization’s annual meeting held Dec. 1 in Alexandria. Staff from the Ramsey-Washington Metro Watershed District (RWMWD) and Course Superintendent Paul Diegnau accepted the award, recognizing a 15-year partnership that has created substantial urban wildlife habitat while protecting local waters from runoff.

RWMWD first began working with Diegnau in 2003 by providing technical and financial support to install a natural vegetative buffer around a water hazard, an innovative practice at the time. In 2012, the course underwent a $12 million dollar renovation and was closed for two years while fairways and greens were being worked on. This provided an opportunity for a large-scale $250,000 ecological restoration project funded by RWMWD, Ramsey County and the Minnesota Board of Water and Soil Resources.

“Paul took a chance in transforming the course and making it possibly the most environmentally friendly course in Minnesota,” said Bill Bartodziej, RWMWD natural resource specialist.

Today, the course boasts 26 acres of high-quality restored natural areas, the most of any golf course in the Twin Cities. It is a nationally certified Audubon Cooperative Sanctuary, and more than 110 bird species have been identified on its grounds. A mix of native prairie, wetland and woodland habitat also provides home to deer, foxes, pollinators and other wildlife.

Water conservation is a top priority at Keller Golf Course. Over 75 percent of the course runoff is directed into a large infiltration basin, which reduces nutrient loading into the nearby Phalen Chain of Lakes. An on-site weather station and in-ground moisture sensors help to formulate dynamic watering plans for each day, which saves millions of gallons of water and reduces runoff.

The community came together to take part in the restoration. The Ramsey County Correctional Facility brought inmate work crews to prepare the site. Next, Master Gardeners helped teach and direct 350 students from four
schools in planting the buffer and prairie areas. Interpretive signage explains the conservation benefits to course patrons, and staff give tours each year to university classes, professional organizations and civic groups.

“From my perspective, Keller Golf Course is setting an example for others to follow,” said Diegnau. “By exposing golfers to our natural areas and incredible pollinator habitat, I hope they see how well the game of golf can co-exist with the environment – and that opportunities abound for landscape improvements, both big and small.”

About Ramsey-Washington Metro Watershed District:
The Ramsey-Washington Metro Watershed District is responsible for improving and protecting water resources in eastern Ramsey County and western Washington County, Minnesota. The organization works across municipal boundaries to manage about 65 square miles that eventually drain into the Mississippi River, including 20 lakes, five streams and over 1,000 wetlands. Learn more at: rwmwd.org.

Photo Captions

Keller Golf Course_pond buffer:
Each water hazard at Keller Golf Course is buffered by restored native vegetation, providing important urban habitat for pollinators and other wildlife.

Interpretive sign:
Interpretive signs depict various conservation practices at the course, including a constructed basin that collects and filters rainwater.

MAWD Project of the Year Award:
Staff from Ramsey-Washington Metro Watershed District and others accepted the Project of the Year award Dec. 1 at the Minnesota Association of Watershed Districts annual meeting. L-R: Lindsey Provos, water quality technician; Tina Carstens, administrator; Gerald Van Amburg, award presenter and Buffalo-Red River Watershed District board chair; Bill Bartodziej, natural resources specialist; Paul Diegnau, Keller Golf Course superintendent; Matt Doneux, natural resources intern; Simba Blood, natural resources technician; Paige Ahlborg, watershed project manager; Chris O’Brien, communications coordinator; Marj Ebensteiner, RWMWD board president; Nicole Soderholm, permit coordinator; Sage Passi, watershed education specialist.