



# WATERSHED UPDATE

Formed in 1981, the Carnelian–Marine–St. Croix Watershed District oversees a variety of projects and programs to assess and improve the health of our 81-square-mile watershed—which includes 31 lakes, three designated trout streams, hundreds of acres of wetlands, and over 17 miles of St. Croix River shoreline. The Watershed District is managed by the following volunteer board of residents appointed by Washington County:

- President**..... Kristin Tuegne, 651.433.3763
- Secretary/Treasurer** ..... Steve Kronmiller, 651.433.4042
- Manager** ..... Dave DeVault, 651.670.5530
- Manager** ..... Victoria Dupre, 651.439.8266
- Manager** ..... Eric Lindberg, 612.760.6695
- Manager** ..... Thomas Polasik, 651.430.0263
- Manager** ..... Andy Weaver, 651.491.2656
- Administrator** ..... Jim Shaver, 651.433.2150

Carnelian–Marine–St. Croix Watershed District meetings are open to the public and take place the second and fourth Wednesday of the month at 6:30 p.m., in the Heritage Room of the Scandia Community Center, 14727 209th St. N. in Scandia.

### Meet Our New Managers!

**Dave DeVault** of May Township was appointed to the board in May 2013. He has lived on Big Carnelian Lake for the past six years and, previously, on the St. Croix River. He recently retired from the US Fish and Wildlife Service.

**Eric Lindberg** of Stillwater Township was appointed to the board in September 2013 to fill an unexpired term. Lindberg, who has a biology teaching degree from the University of Minnesota, currently works in real estate and is pursuing a master's degree in wildlife management.

**Andy Weaver** of May Township was appointed to the board in September 2012. Since 1990 he has worked as a biology teacher at Stillwater Area Schools. He has also taught graduate education courses for Hamline University and the University of St. Thomas. Andy is a Master licensed falconer, and has worked on peregrine falcon restoration in Minnesota since 2002.

### Richard Caldecott Retires

Richard Caldecott, at 89 years young, has retired from the District Board of Managers after fifteen years of service. But he has not slowed down. A retired University of Minnesota Genetics and Cell Biology Professor and Dean Emeritus, Caldecott



serves on the board of the Freshwater Society and is raising funds for the University of Minnesota Lucille Caldecott Food Science and Nutrition Scholarship. He also plays tennis several times a week and regularly works out at the gym.

“In his time as a Watershed District Manager, Richard brought wisdom, experience and a passion for water resources,” said board President Kristin Tuegne. “We are thankful for his hard work and will miss his leadership.”

## EARL AND LORRAINE ADAMS LAND STEWARDSHIP LEGACY FUND Protecting the Land, Trees & Water

Earl and Lorraine Adams were long-time stewards of their land near Square Lake in May Township. Earl was a former director of Land and Forestry for Minnesota and planted pine trees on the property and actively worked to remove invasive species. Lorraine was a 25-year volunteer guide at Warner Nature Center and spoke passionately about her desire to “protect the water quality and trees” in their area.



Jim Shaver and Wendy Adams, holding a wedding photo of Earl and Lorraine.

Thanks to the family’s generosity, and an innovative partnership between the Watershed District, Washington County and the St. Croix Valley Foundation, Earl and Lorraine’s legacy will continue through a fund that will support conservation on their former property, the larger watershed and the county.

The Earl and Lorraine Adams Land Stewardship Legacy Fund will be managed in perpetuity by the St. Croix Valley Foundation, with funds that will go to the District and the County to implement projects that control invasive species such as buckthorn, protect water quality, and protect and restore forests and other natural habitat types. Restoration projects on the Adams’ former property are a top priority.

“I look at those now mature towering trees and think of my dad and time together with him, as a kid, helping him plant,” said daughter Wendy Adams. “It was important to my mom that the trees my father planted be professionally managed.” She also believes that perpetual funding for conservation projects was a strong selling point.

Jane Hetland Stevenson, president of the St. Croix Valley Foundation, considers the Land Stewardship Legacy Fund an effective way to ensure the support will be used forever for the things that Earl and Lorraine Adams valued. “This is a wonderful project,” she said. “I hope it inspires other families to do the same thing.”

“The District’s cost share program is the perfect delivery system for these funds to be applied to the land, no matter who the future owner is. The potential projects will be reviewed by the Board so they meet the donor’s environmental goals,” said District Administrator Jim Shaver.

“It was important to my mom that the trees my father planted be professionally managed.”



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# STOPPING ERODING RAVINES



This eroding ravine at 197th Street in Scandia has been providing a direct pathway for pollutants washing off the land and into our water. The District is working to find the best solution.

When water washes through an eroding ravine, it sends sediment and pollutants into our lakes, rivers and wetlands. A particularly problematic eroding ravine at 197th Street in Scandia has been a key priority for the Watershed District.

The ravine, which abuts 13 properties including land owned by the City of Scandia and the National Park Service, has been eroding for nearly a decade. The District hired Wenck Engineering to conduct a feasibility study for stabilizing and reconstructing it.

Two options were identified by the engineers: The first removes some of the overhead tree canopy on the south side of the ravine, installs a manhole at the end of the current culvert and directs flows into an additional 12-inch culvert down the reshaped ravine to a stilling pond. The second alternative would de-activate the existing culvert leading from the catch basin and redirect flows with a new culvert to the southeast to intersect a city platted street. Both options include a raingarden to capture and infiltrate the polluted runoff. At an estimated \$37,000, option one is approximately \$5,000 less expensive than option two.

The engineers presented the options to the Watershed District managers in June, with a presentation for property owners in October. While residents were supportive they expressed concern about tree loss and land disturbance and wanted to better understand the solutions. "Fixing the ravine is a complicated task and the District is committed to doing it right," said Watershed District Administrator Jim Shaver. Stay tuned for updates as the project moves forward.

## CITIZEN ADVISORY COMMITTEE:

### An Important Voice for the Watershed

The Watershed District's Citizens Advisory Committee (CAC) provides a great opportunity to get involved in our beautiful watershed. Appointed by District Managers, CAC members play an advisory role on watershed business and special projects, and promote the District and its programs. The CAC, which meets on an as-needed basis, is currently advising on work to stop the spread of invasive species, amendments to the District plan and other projects. Managers have a goal of having representation from landowners near every major water body in the watershed.

For more information or to volunteer to participate, contact Jim Shaver at 651.433.2150.



CARNELIAN-MARINE-ST. CROIX WATERSHED DISTRICT  
Scandia Plaza II • 21150 Ozark Avenue • P.O. Box 188 • Scandia, MN 55073



Did you enjoy time at a local lake, or the St. Croix River, this summer? Learn what your Watershed District is doing to keep these beautiful natural resources clean and healthy!

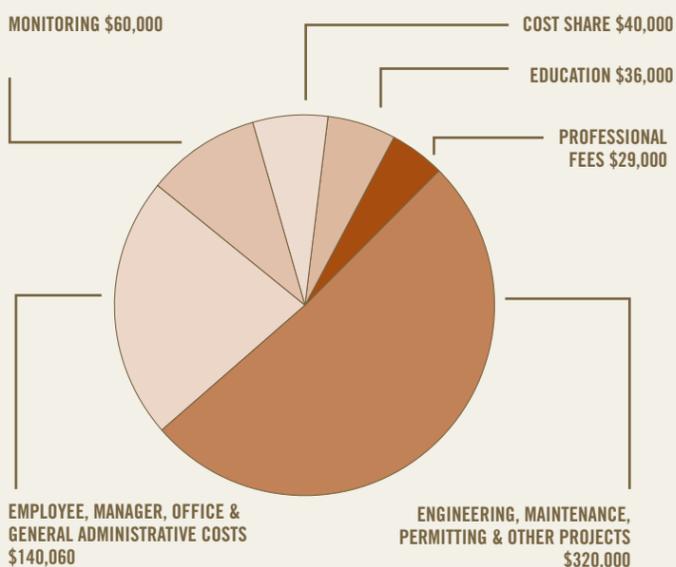
## INSIDE

2014 Watershed District Budget,  
New Family Trust to Steward our  
Natural Resources, and more!

### 2014 Budget

On September 11, 2013 the District approved the 2014 budget at its regular meeting. The overall budget was increased by 10 percent from 2013, with the additional revenue from anticipated grants. The total levy remained the same as 2013.

#### EXPENSES \$625,060



#### INCOME \$625,060

