



COASTAL HORIZONS



The Coastal Program's goal is to preserve, protect, develop, and where possible, restore or enhance coastal resources along Minnesota's North Shore of Lake Superior.

Winter 2008

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COASTAL FACT

On November 28, 1905, a large storm on Lake Superior wrecked the *Mataafa* on the end of the Duluth North Pier. The *Mataafa* storm claimed over 20 vessels, including the *Madeira* which struck Gold Rock near the present location of Split Rock Lighthouse. Property loss from the *Mataafa* storm was estimated at \$1.75 million.

Source: Minnesota Historical Society and the Duluth Seaway Port Authority.

Read more at: www.duluthport.com/99fall/famous.html

COASTAL SPOTLIGHT

Bay View Elementary School is perched atop the hill above Skyline Drive in Proctor, Minnesota. The view from Rob Marohn's 5th grade classroom is of the forest, and a small sliver of the St Louis River. Through the energy and dedication of many people, especially Rob, the school now has access to 3 parcels of land called the Bay View School Forest. The property is jointly owned and managed by Proctor School District and the City of Duluth.

The Bay View School Forest was designed to support environmental education, enhance recreational access, and increase public involvement in the use and management of the forest. It provides students a unique outdoor classroom experience, beyond one or two field days per year. The school forest is incorporated into the curriculum of many classes, including science and math.

An archaeological survey was conducted before trails were built in the forest. The survey, conducted by many community partners, was a requirement for the school to receive a 2007 Coastal Program grant. Minnesota Power awarded a grant to support professional survey supervision, and the Duluth Archaeological Center contributed staff and expertise. In June 2007, over 100 individuals ranging in age from 4 through 70+, focused on the portion of the school forest adjacent to Skyline Drive. The dig was orchestrated by Susan Mulholland, Principal Investigator for the Duluth Archaeology Center. The survey was significant archaeologically, because it was the first one completed for this "beach ridge" area. Items of interest, including rocks with evidence of stone tool making, were collected for further study by the Duluth Archaeological Center.

Volunteers and students constructed trails in summer 2007. A November program featured interpreters Tiffany Smith and Scott Alsleben teaching students



Rob Marohn asks students about mammal signs in the Bay View School Forest

about mammals. Then, the kids hit the forest trails to look for "mammal signs". As they hiked, students shouted "Mammal sign!" when they found evidence of fox, rabbit, mice, and deer. With daylight waning, the kids headed inside the school to warm up with milk and organic cookies, and to make a craft project. Other activities in the forest have included summer day camps, art and nature programs, and challenge hikes.

Rob hopes to expand the school forest someday, and link it further with the neighborhood and community. The forest provides opportunities to learn about many coastal issues besides the role of forests, including the concept of watershed protection. Small trail bridges built by volunteers lay across tiny tributaries that run through the forest. Two streams begin here: 62nd Avenue Creek and Kingsbury Creek. Water slowly gathers in forest wetlands and tributaries, before rushing down the hill toward the St Louis River.

A hand-crafted sign in the school forest.



FAQ - WHO SIGNS A GRANT RESOLUTION?

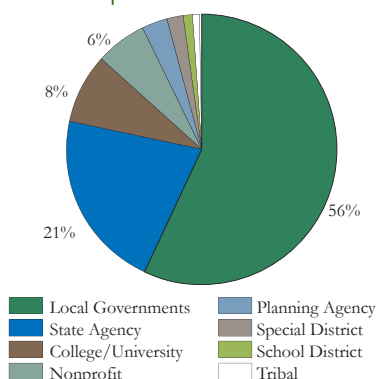
When submitting a coastal program grant, a resolution from the applicant's organization must accompany the application. The resolution is necessary for documenting authorization by the organization to apply for funding. When preparing a resolution, applicants should ensure that the person who has the legal authority to enter into a contract with the Coastal Program is listed

under as the signatory authority (line 3, under *Title*).

The recording officer who signs the document (under the *Certificate of Recording Officer*) cannot be the same person who is listed as the authorized signatory. Only the Recording Officer's signature is required on the resolution.

GRANT APPLICATIONS: REQUESTS INCREASE

Grant Recipients From 1999 - 2007



Minnesota's Lake Superior Coastal Program received 31 grant applications for their 2007 grant round. Although this is 7 fewer applications than submitted in 2006, the total funding request increased 3% from the 2006 round. A total of \$1,288,008 was requested funding in 2007.

The Coastal Council will start meeting in January to review applications and make recommendations for project funding. Approximately \$600,000 is anticipated to be available for grants.

A MINUTE WITH A COUNCIL MEMBER

Serving on the Coastal Council is a natural role for Dan Belden. He is passionate about Lake Superior, and joined the council in 2006 to protect the things he loves about the lake. Dan and his wife, Beth, live in Carlton County. They graduated from Esko High School before getting married and moving to Winona, MN, to finish college. There, Dan worked for nearly 10 years in the county planning and zoning office. Leaving the bluff country of the Mississippi River was difficult for Dan, but the blue expanse of Lake Superior (and being closer to family) made it a more pleasurable choice.

An active citizen, Dan participated in Carlton County's Leadership Program, and graduated from Leadership Duluth in 2007. He serves on the City of Duluth's Environmental Advisory Committee, along with the Harbor Technical Advisory Committee. As a Senior Planner at the Western Lake Superior Sanitary District, Dan works on a variety of projects related to solid waste, individual and community wastewater treatment, and water quality. He has found a surprising benefit to serving on the council: seeing what other organizations are doing in the coastal zone for the lake. During his first year of the grant review cycle, Dan said "I was amazed at the depth and variety of work that the Coastal Program funds."



Council member Dan Belden

In his free time, Dan loves to travel up the North Shore, hiking, biking, hunting and fishing with his kids. Last summer, he spent a memorable canoe trip down the St Louis River, north of Cloquet, catching smallmouth bass with his kids. An involved father, Dan also enjoys coaching soccer and other sports for his 12-year-old daughter Amanda and 10-year-old son David, both of whom attend Esko schools.

MARK YOUR CALENDAR

Lake Superior Day:
July 20, 2008

Minnesota's Coastal
Program Evaluation:
August 4-8, 2008

Lake Superior
Youth Symposium:
May 14-18, 2009

REPORTING REMINDERS

If your grant expired December 31, 2007, a Final Report, deliverables, and final invoice are due within 60 days.

For continuing grants, progress reports are due on April 14, 2008.

BEEN HERE LATELY?

As we approach the tenth year of Minnesota's Coastal Program, it is difficult to travel up the North Shore and not find something that was partially funded with Coastal Program dollars.

Recently, we added a table to our website of all the past grant projects we have funded, and many are linked to

a quick one-page fact sheet. Take a moment to peruse the table, and read about some of the projects at: www.mndnr.gov/waters/lakesuperior/list_project.html

If you'd like more information on a project, please contact any of our Coastal Program staff.

COASTAL REPORT CARD: 2008

Next August, Minnesota will host evaluators from its federal and state partners in coastal management. The purpose: a complete coastal program evaluation. Or simply put, a report card on how Minnesota's Coastal Program is fulfilling the mission and intentions of the Coastal Zone Management Act.

Minnesota coastal staff will be seeking opportunities for volunteers to speak about their coastal-funded grant projects during the evaluation, which takes place August 4-8, 2008. Presentations and/or on-the-ground tours of project sites will be scheduled. Whether your project was construction, education and outreach, public access, natural resources protection, or nonpoint pollution

prevention, we need your help in demonstrating the partnerships and collaboration that Coastal Program activities have supported.



In addition, we are interested to hear from our partners about what is working, and what could be done better. If your organization has comments, or is willing to help at during the evaluation, please contact Mindy Granley at 218-834-6625 or Mindy.Granley@dnr.state.mn.us

DULUTH'S STORMWATER COORDINATOR

Chris Kleist is the City of Duluth's new Stormwater Utility Project Coordinator. Chris worked with Marnie Lonsdale and Duluth's Water Quality Team for 3 years before being promoted in October. He holds a Bachelor's degree from UMD in Business, and a Water Quality degree from Vermilion Community College in Ely.

Chris was born and raised in Ely, Minnesota. He started a guiding and outfitting business in 1996, and continues to operate it today. As a fishing guide and business owner in the Boundary Waters, Chris developed an appreciation for the outdoors. He is familiar with the

needs to manage resources to preserve their quality, while still allowing people to enjoy the outdoors in a variety of ways.

Chris understands the challenges facing Duluth and Lake Superior, and knows managing stormwater starts with public education, and that it remains an ongoing task to ensure the quality of our resources for future generations.

If you have questions or concerns for Chris, he can be reached at 218-730-4063 or ckleist@duluthmn.gov



www.mndnr.gov/waters/lakesuperior

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