

Case Study: St. Louis River Quest Duluth Seaway Port Authority

Adele Yorde

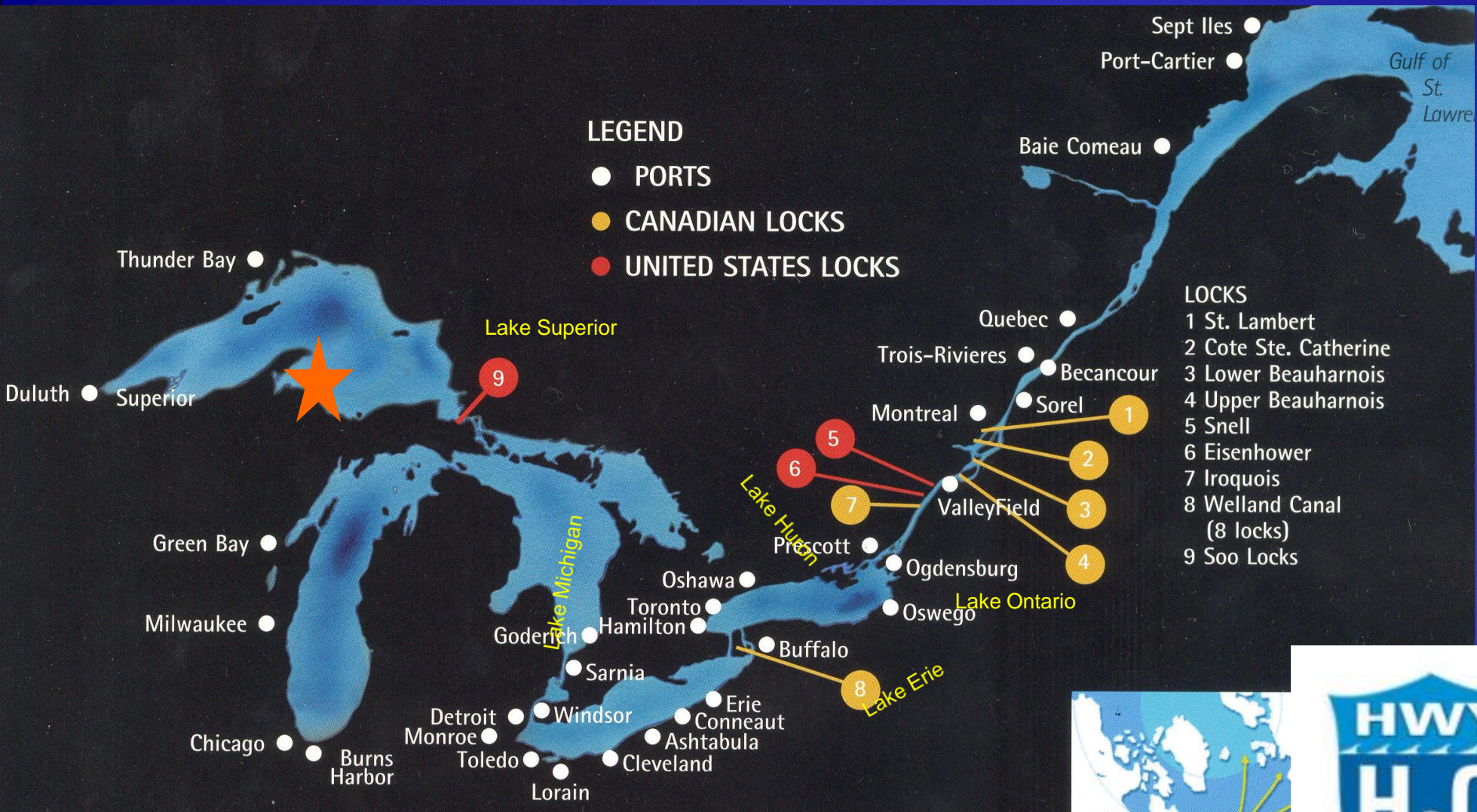
Welcome to the Port of Duluth-Superior



Encouraging Stakeholder Engagement & 'Buy-In'

Adele Yorde, PR Director, Duluth Seaway Port Authority





Duluth-Superior to/from:

- Northern Europe 15 days
- Spain 15 days
- Italy/North Africa 18 days

2,342 miles (3,769 km) to Atlantic Ocean





LAKER SEASON 10-month⁺

Soo Locks open March 25, close Jan. 15

OCEANGOING SEASON 9-month

Seaway Locks (Montreal/Lake Ontario & Welland Canal)
open end of March, close end of December





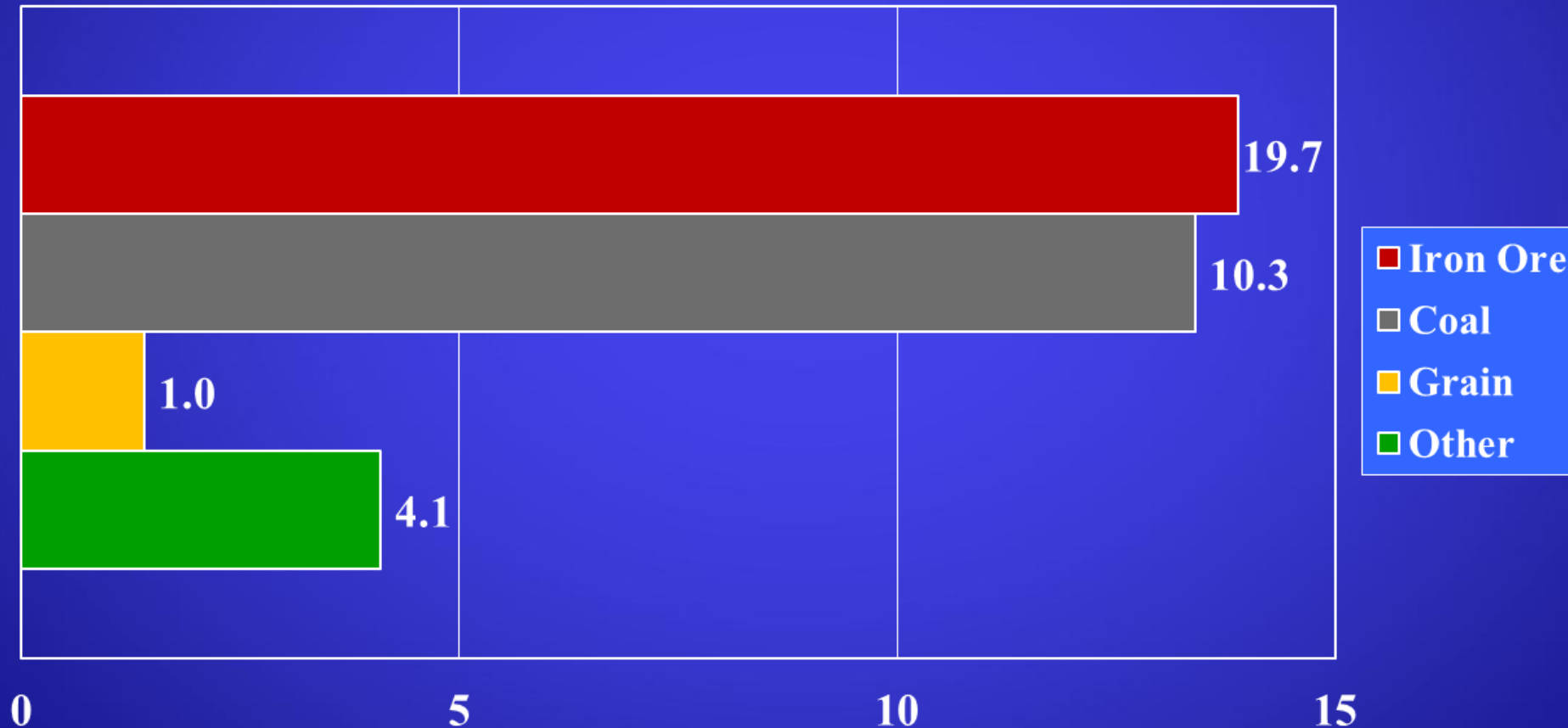
The Port of Duluth-Superior is the largest tonnage port on the Great Lakes and ranks among the top 25 in the US, handling some 35 million short tons of cargo and hosting nearly 900 vessel visits a year.

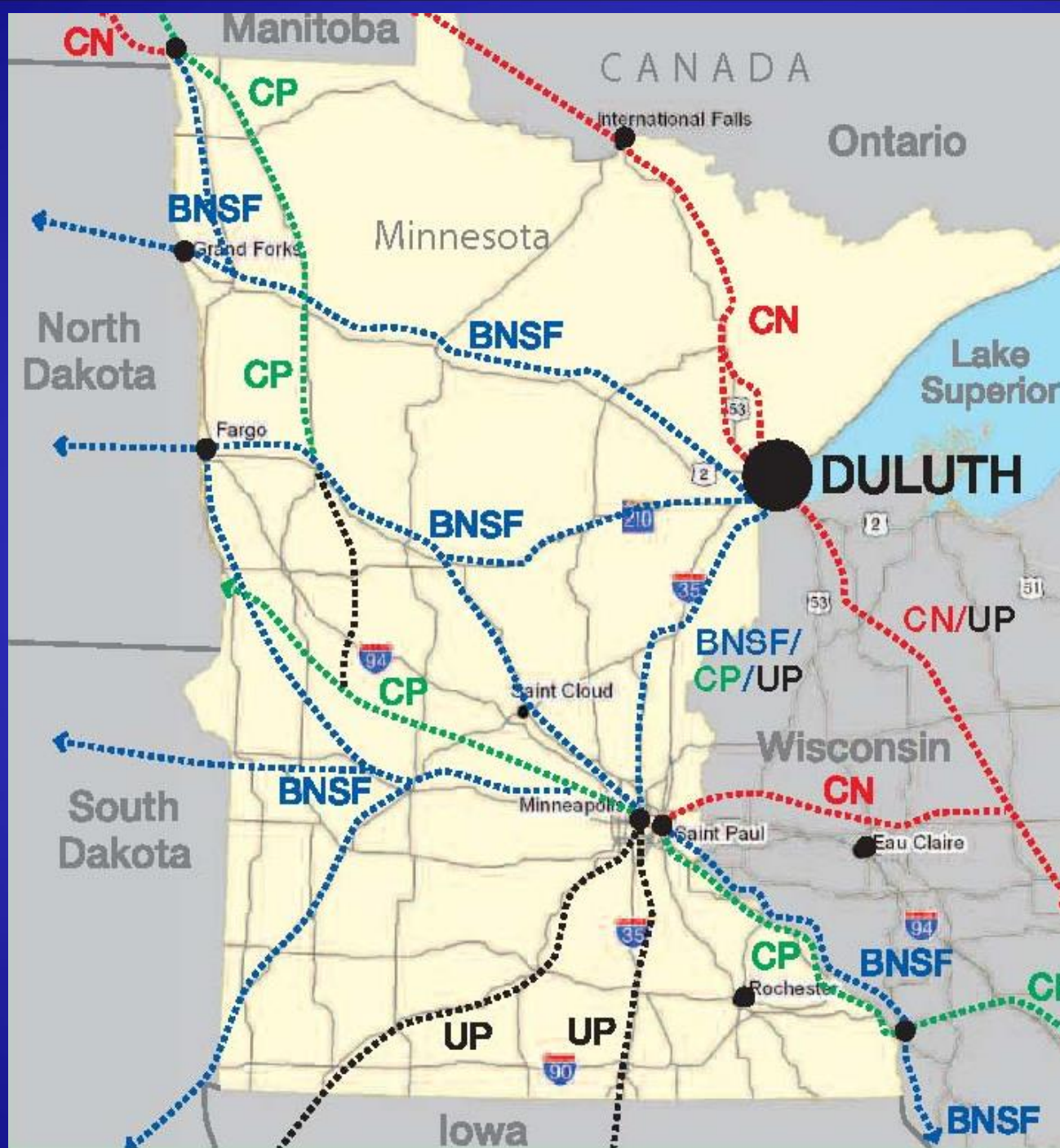


Cargo 2017

Total tonnage: 35.2 million short tons

Iron Ore 19.7 st, Coal 10.3 st, Grain 1.0 st, Other 4.1 st





Connectivity:

A Port is not a Port
without
Road & Rail

Primary
Highway

and

4 Class I Railway
Corridors
serving the
Port of
Duluth-Superior





...was created as a public agency in 1955 by the Minnesota legislature to expand/improve facilities in preparation for the 1959 opening of the St. Lawrence Seaway.

In 1957, with \$10 million in public funding, the Port Authority created the 120-acre Clure Public Marine Terminal, the Port's *only* general cargo facility.

Today, the Port Authority owns and manages multiple properties including the Clure Terminal & Expansion, Erie Pier and Duluth Airpark.



Bringing Business to the Port and Economic Development to the Region



CN Duluth Intermodal Terminal Opens





Encouraging Community / Stakeholder Engagement for 25+ Years

St. Louis River Quest is an outreach educational program created in 1993 by a handful of waterfront stakeholders including: Western Lake Superior Sanitary District, Vista Fleet, Minnesota Sea Grant, Hallett Dock Company, and the Duluth Seaway Port Authority as its lead sponsor.



River Quest



River Quest continues to provide sixth-grade students with hands-on learning experiences that enhance awareness and understanding of the interrelated commercial, industrial, recreational and environmental values of the Duluth-Superior Harbor – the estuary of the St. Louis River.

At current funding levels, River Quest serves nearly 1,500 students from 15 public and private schools in the Twin Ports area during four days in mid-May.

Resource materials are posted online for classroom use on a webpage hosted by Minnesota Sea Grant.

www.seagrant.umn.edu/riverquest



RIVER QUEST 2018 SCHEDULE

MAY 14-17, 2018

FINAL
1/25/18

Presenters & Volunteers, Welcome to RQ18!! Volunteers, please sign in at Welcome Table in the DECC at least 15- 20 minutes before session begins. Thank you, Amy Wolcott
218-343-9744



Monday, May 14

9:15 – 11:45	
<u>School</u>	<u># of students</u>
Stella-Maris: John's	41
Stella-Maris: James	11
Superior Cathedral	13
Northwestern	100
Carlton	26
Total	191

12:00 – 2:30	
<u>School</u>	<u># of students</u>
Ordean (T-2)	179
Total	179

Tuesday, May 15

9:15 – 11:45	
<u>School</u>	<u># of students</u>
Lincoln Park	200
Total	200

12:00 – 2:30	
<u>School</u>	<u># of students</u>
Ordean (T-1)	150
Total	150

Wednesday, May 16

8:40 – 11:10	
<u>School</u>	<u># of students</u>
Superior Middle	220
Total	220

12:00 – 2:30	
<u>School</u>	<u># of students</u>
Northstar Edison	150
Fond du Lac	16
Total	166

Thursday, May 17

8:40 – 11:10	
<u>School</u>	<u># of students</u>
Superior Middle	112
North Shore	43
Marshall	33
Total	188

11:25 – 1:55	
<u>School</u>	<u># of students</u>
Hermantown	181
Total	181



Students tap into Harbor Health



Small groups move through 12 learning stations – six aboard the *Vista Star* and six inside the DECC.



PASSPORT

25th
Anniversary

_____	_____	_____	_____
Name	School	Teacher	Date

www.seagrants.tmn.edu/riverquest

ST. LOUIS
RIVER



QUEST

2017

Thank you! 2017 River Quest Donors

PLATINUM \$1000+

Duluth Seaway Port Authority
Enbridge
Donald Weesner Foundation
Hallett Dock Co.
ISD 709 Duluth Public Schools
Minnesota Sea Grant Program
MN Lake Superior Coastal Program
sappi
US Army Corps of Engineers
Vista Fleet
Western Lake Superior Sanitary
District

GOLD \$500+

City of Duluth – Utility Operations
CRH US
Gerdau-Duluth Grinding Ball
Graymont (WI) LLC
Hunt Electric
Ikonics
Krech Ojard & Associates, Inc.
Kwik Trip
Lake Superior National Estuarine
Research Reserve
Marine Tech
Minnesota Power
USDA Forest Service – Superior
National Forest
Verso Corporation

SILVER \$250+

Altec Industries, Inc.
AMI Consulting Engineers P.A.
Bent Paddle Brewing Co.
Calumet Superior, LLC
Great Lakes Fleet/Key Lakes
Midwest Energy Resources Co.
Rotary Club of Superior
TKDA
Steve & Adele Yorde

BRONZE \$100+

A.W. Kuettel & Sons
Allouez Marine Supply
Jim & Susan Banks
(in honor of Jerry Fryberger)
Grandma's Restaurant Co.
Nathan & Jennifer Hartman
Amy Herstad & Jim Einbu
Iron Mining Association of
Minnesota
Doug & Kathy Jensen
Erin & Damian Makela
(in honor of Jim Banks)
Robert & Mary Maki
David Moeller & Bryce Nixon
Kathy Peterson
Brian & Melissa Resch
Aaron & Shelby Salmela
Jim & Kathy Sharrow
(in memory of Capt. Ray Skelton)
Paul & Pam Sneide
Yvonne Prettner Solon
(in honor of Adele Yorde)
Amy & Mark Wolcott
David & Jane Worley

OTHER

Anonymous
Deb DeLuca & Eric Dott
Barbara & David Sheedy
Dr. Richard Stewart

This event was funded in part by the Coastal Zone Management Act of 1972, as amended, administered by the Office for Coastal Management, National Oceanic and Atmospheric Administration under Award NA14NOS4190055 provided to the Minnesota Department of Natural Resources for Minnesota's Lake Superior Coastal Program.



5/17-1900



US Army Corps of Engineers

Cold Hand Luke (Hypothermia & Water Safety)



US Environmental Protection Agency

Pollution & the River Watershed



Lake Superior National Estuarine Research Reserve

What is the Es-chew-air-ee?



St. Louis River Alliance

Bringing back the Piping Plover



Great Lakes Aquarium

Fishy Physics



Duluth Sail & Power Squadron

It floats, you don't. Wear your life jacket.





Minnesota Sea Grant Program

Get Habitattitude!





River Quest

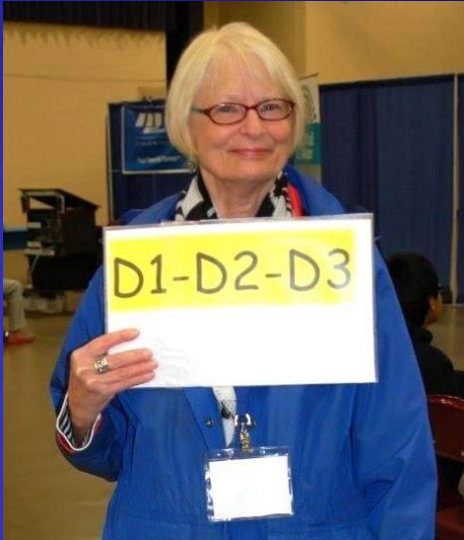
Observation Station



*As
exciting
indoors
on
rainy
days*



It takes a Village of Volunteers to stay on time & keep everyone safe!



Western Lake Superior Sanitary District

Bacteria: The Real Workers at WLSSD



City of Duluth – Utility Operations

What is the difference between Storm & Sanitary Sewers?



USDA Forest Service Superior National Forest

Stream Table



Minnesota Power / Boulder Lake Environmental Learning Center

Water Power (Hydroelectric)



Duluth Seaway Port Authority

Great Lakes Cargo Capital



sappi

*Industrial Water Use: Reduce,
Reuse, Recycle!*



Verso Corporation

Sustainable Forestry



US Coast Guard & USCG Auxiliary

Maritime Oil Spill Response



Twin Ports Rip Currents

Break the Grip of the Rip!



2017 Captain Ray Skelton River Quest Writing Contest



1st Place Essay
Abigail Gavin
Superior Middle School



1st Place Poetry
Amelia Wise
North Shore Community
School



Broadening Community / Stakeholder Engagement



University
for
Seniors
2017-2018





Join us for River Quest 2018: May 14-17

Adele Yorde, Public Relations
Director



218.727.8525 | www.duluthport.com

QUESTIONS
