



The Wolf Ridge ALMANAC

October 2013 • Vol. 36 No. 3

New Culvert

The water was raging through the culvert where Cranberry Road crosses Sawmill Creek at the Stream Study class site. The whitewater was so enticing that a few of the seasonal naturalists couldn't resist body surfing through the culvert. In the process a newly acquired wedding band slipped unnoticed from a finger.

Two months later, students in mud boots are wading in the shallow water probing with nets in the now benign creek. They are searching for aquatic organisms as one aspect of their investigation to determine stream health. While walking through the relatively dry culvert a student picked a golden band from between the corrugations of the culvert bottom.

"It's over the culvert top and rising," came the report. Sawmill Creek eventually crested out about 2 feet over the culvert and below the road surface. All vehicles had been safely moved from the ridge top to the gravel pit/bus parking area. It wouldn't have been a surprise if the creek had washed out the road cutting off access to the main Wolf Ridge campus. These three snapshots of the Sawmill Creek area along with observations by Al Anderson, Fin-

land Fisheries Supervisor resulted in the replacement and habitat restoration of Cranberry Road culvert at Sawmill Creek.

This August, the Sawmill Creek Fish Passageway Project, as the culvert replacement was officially called, took place. Two steel culverts were replaced with one large concrete box culvert. The new box culvert was placed lower than the stream bottom then covered with native substrate. The continuous natural gravel/rock bottom allows for free upstream movement of fish and other organisms in all water levels and opens up 3.14 miles of stream and 372 acres of wetland. Since Sawmill Creek is a designated trout stream this is extremely important for allowing access to spawning grounds and deep water wintering pools. The old steel culvert contributed to a certain amount of erosion of the creek banks. The new culvert is larger and will not become a "velocity barrier" during heavy rain flows thus reducing erosion and stream sedimentation, which is detrimental to fish spawning.

An amazing amount of individuals and agencies worked together to make the Sawmill Creek Fish Passageway Project a success. "The culvert replacement on Sawmill Creek is a perfect example of

continued on page 3



Wolf Ridge FUNdraising Event - Dec. 6
Join us at the Great Lakes Aquarium in Duluth.....11



Published for members and friends of
Wolf Ridge Environmental Learning Center
6282 Cranberry Rd, Finland, MN 55603-9700
218-353-7414, 1-800-523-2733 (MN, WI, ND)
fax 218-353-7762
www.wolf-ridge.org

PRESIDENT
Peter Smerud

WOLF RIDGE TRUSTEES
Tom Berg, Chairman
Earl Gransee, Secretary

Rick Bateson ~ Russell Bierbaum
Blyth Brookman ~ Pat Coppo
John Daniels ~ Kirk Geadelman
Kurt Heikkila ~ Tom Osborn
Ron Sackett ~ Pat Schoff
Nancy Schultz ~ Aaron Smith
Tom Nelson

EMERITUS TRUSTEES
Thomas Atchison ~ Jim Brandenburg
William M. Burns ~ Richard Gray
Peter Heegaard ~ Robert Heller ~ Ron Kirk
Donn Larson ~ Mike Latimer
Sigurd Olson ~ Jack Pichotta
Michael Plautz
Rene Settergren ~ Werner Tismer

Jack Pichotta, Founder

STAFF

FINANCIAL DIRECTOR OFFICE
Fred Morgan Coleen Clough
Chris Kustritz

DEVELOPMENT DIRECTOR Judy Larson
Lucy Rogers

DEVELOPMENT OFFICER
Pete Gravett

PROGRAM
Carrie Anderson
Jenny Bushmaker
David Butcher
Peter Harris
John Kohlstedt
Erin Manning
Betsey Mead
Joe Walewski
Lori Walewski

FOOD SERVICE
Cathy Hanson
Jim Hickman
Jim Kustritz
Deb Othoudt
Bambi Raddatz
Barret Stavseth
Bernie Vadner

MENTOR NATURALISTS
Mary Beth Factor
Dan Hnilicka
Max Melby
Tessa Olson

GROUNDS/BUILDINGS
Cory Carlson
Robert Cunningham
Rosemary Evans

OFF-SITE INSTRUCTORS
Emily Foubert
Eric Holmstrom
Alison Wood

Jeff Iverson
Kayla Klinker
Gary Olson
Amy Parker
Kris Sve

FARM MANAGER
David Abazs

Roger Swensgaard
Lynn Varney

RETAIL SALES
Lise Abazs



In accordance with federal law and U.S. Department of Agriculture policy, Wolf Ridge Environmental Learning Center is prohibited from discriminating on the basis of race, color, national origin, sex, age, or disability.

Printed on EarthChoice® paper, a socially and environmentally responsible paper with fibers from well-managed, certified forests.



A View From The Ridge

by Peter Smerud, Executive Director

While it may take a whole village to raise a child, at Wolf Ridge we are raising an environmentally informed citizenry – and that takes including more than just the middle school children that hundreds of school teachers work so hard to bring to Wolf Ridge each year. We continue to develop and enhance our programs for all ages but several efforts, some new, are serving the often under-served audiences in the field of environmental education, high schoolers, preschoolers, grandparents, educators and other adults.

High school students are one of the most underserved populations in the field of environmental education. In 2008, Wolf Ridge offered our first four-week summer science credit camp which met great success and has continued to the present. With financial support from donors we soon thereafter brought the program to two Minneapolis high schools. A similar program was initiated this summer with Murray Junior High in St. Paul. An article on page 8 of this *Almanac* highlights the program. In these schools, Wolf Ridge is now teaching through environmental inquiry and immersion. Thank you to the Lloyd K Johnson, Medtronic, Leuthold Family, Prospect Creek, Boston Scientific and Cliffs Foundations, the US Forest Service, the MN Office of High Education and Get Ready for joining us this past summer to create life changing experiences for dozens of students who earned a year of high school science credit at Wolf Ridge.

Many young people grow their outdoor ethic in the shadow of a parent or grandparent.

The act of bonding between children and parents, while outdoors on an adventure is an investment in lifelong memories. It needs to begin at a very early age. The addition of preschooler environmental education curriculum dates back many years at Wolf Ridge yet remains an integral part of our all-inclusive family education vacation.



"It takes a village to raise a child."

These family experiences not only educate but they inspire a child with a role model to follow.

For the grandparents that attend our Grandparent Grandchild Grand Adventure, in partnership with the Road Scholar organization, the value is often quite clear: a generation inexplicably linked to the outdoors is striving to pass an environmental ethic to a generation that is challenged by lack of connection. The families become connected to nature and each other with tools such as a compass, tree ID book or a tracking guide instead of cell phones and computers. It's also clear that doing the ropes course with your grandchild elevates you to the status of "ultra super cool" grandma.

While Wolf Ridge has been educating the educators for decades in our naturalist training program, we have begun to reach farther to bring environmental education skills and knowledge to formal classrooms and other educational settings. An on-going series for advancing the knowledge and skills for educators - *Increasing Great Lakes Literacy Among Educators* was rolled out last year at Wolf Ridge. The coming school year will continue this series, in partnership with several organizations, as part of the *Science*

Institute for Educators. These opportunities provide training for local educators, from both formal and non-formal education settings, to learn from area researchers and scientists. This effort occurs because of the financial support of the MN DNR Lake Superior Coastal Program and in-kind contributions from the partner organizations.

I am continually proud when the work we do grows into brand new partnerships, in this case for adults. A Leave No Trace (LNT) Master Educator Course was conducted in partnership with the National Outdoor Leadership School (NOLS) and the Leave No Trace Center for Outdoor Ethics. Participants learn how to minimize their impact while camping, paddling

or hiking. And, finally our staff this summer worked with the Institute of Bird Populations to conduct three sessions of an Advanced Bird Banding workshop. Read more about these courses on page 9.

Wolf Ridge is more important than ever because, no matter the age, the experience helps rekindle our relationship with the natural world. The learning experiences here help build an environmentally literate citizenry across the entire spectrum of the "village," sharing the passion and information needed to translate fundamental environmental principles into environmentally responsible decisions made in our homes and communities. ♦

New Culvert *continued from page 1*

how public/private partnerships really work to make a difference for aquatic resources," says Great Lakes Basin Fish Habitat Partnership coordinator Michele Wheeler. "The project provides an excellent example for students at Wolf Ridge on how people can work together to find solutions to environmental problems." Wolf Ridge extends a special thanks to these folks:

- MN DNR Finland Fisheries*
- Lake Cty Soil & Water Conservation District*
- Lake County Highway Department*
- Gary Olson, Wolf Ridge project site manager*
- Great Lakes Basin Fish Habitat Partnership - U.S. Fish and Wildlife*
- MN DNR Conservation Partners Legacy Grant*
- Barr Engineering*
- Tibbetts Trucking Inc.*

Students that come to Wolf Ridge and participate in Stream Study and Fisheries Management classes will continue to monitor the many different species of creatures that call Sawmill Creek home. The new concrete box culvert will also serve as an educational site not only for the 1800 students that annually take Stream Study but also as a model for the hundreds of trout stream road crossings needing to be replaced throughout Lake County and Minnesota. An interpretive sign will help document the value of the improvements.

To the betterment of the environment, no longer will Sawmill Creek culvert be body surfing central at Wolf Ridge. It will, however, continue to be a place where students can participate in citizen science and learn about our effects upon the land. ♦



Wolf Ridge

The 2014 Wolf Ridge calendar features the North Shore photography of Paul Sundberg. He has been taking photos since the early 1970's. He purchased his first 35 mm SLR camera while serving in the military at Fort Bliss, Texas. For 28 years Paul worked as the manager of Gooseberry Falls State Park before retiring in 2010. Paul and his wife currently reside outside of Grand Marais where Paul continues his passion for photographing Lake Superior and The Boundary Waters Canoe Area Wilderness. You can see more of Paul's work on his website, PaulSundbergPhotography.com. Calendars are available for \$14.00 for donor members and \$18.95 for non-donor members, including shipping. They are also available at special prices, in lots of 25 for school fund raising and retail resale. Proceeds of all calendar sales directly support children attending Wolf Ridge school programs. Call Wolf Ridge at (218) 353-7414 for more information and to order. ♦

WOLF RIDGE CALENDAR ♦ 2014



PAUL SUNDBERG'S NORTH SHORE IMAGES



Donor Members

as of September 1, 2013



Life

Elmer & Eleanor Andersen
Victor & Helen Anderson
Tony Andersen
Terry & Vicki Anderson
Peter Harris & Carrie Anderson
Tom & Nancy Atchison
Noah Atchison
David Atchison
Abram Atchison
Roger Baker
The Baker Foundation
Rick Bateson
Rep. Dave Battaglia-H
Tom & Margit Berg
Russ & Becky Bierbaum
Blandin Paper Company
Tom & Christina Blum
Bernhard Boecker
Iver & Nancy Bogen
Isaac & Sophie Bolger
Boise Cascade
Andrea Bolger
Jim Brandenburg
Heidi Brandenburg
Anthony Brandenburg
Judy Brandenburg
Cole Spencer Brodersen-M
William & Patricia Burns-C
Blanche Burroughs
John & Kathy Byrne
Rene & Mark Carlson
Eric Chang
John Chell
Jan Clymer
Terry Collins
Sheldon & Carol Damberg
John & Gwen Daniels
Gary Deason
Delta Environmental Consultants
Madeleine Denis
Mary Djubenski
Daniel Dobbert & Joan Dobbert
Josh Duke, Duke Tree Care
Duluth Camera Exchange
Mary Jean Ekman
Rory Ellsworth-H
Enbridge Energy Company
Faribault Woolen Mill
Donald Ferry
Ray Fesenmaier
John & LaJean Firminhac
Andrea Plautz & Scott Folland
Jim & Sandra Gilbert
Gravelle Wildlife Fund
Jim & Cathy Gray
Richard Gray
Richard G Gray-C
Eric & Virginia Green
The Hadley Companies
Lea Hall
Megan Olivia Hall
Corky & Katie Hall
Hanft, Fride, O'Brien, Harries & Swelbar
Ruth Harris
Anne & Peter Heegaard
Kurt & Beth Heikkila
Geraldine Heller
Robert & Geraldine Heller
Freya Hemingway
Rowan Hemingway
Bob & Joanne Hershey
Bob & Joanne Hershey-C
Donna Hill
Dr. David Hoffman
Judith K Hoffman
Skip Hofstrand
Barbara & Thomas Hohl
VP Hubert Humphrey-H

1988 IRRRB Board-H
Mary Lynn Jeffries
Holly Jennings
Oscar Johnson
Ray & Susan Johnson
Senator Doug Johnson-H
Johnson's Carpet, Tile, & Linoleum
Charlotte Jones
Harpreet Kaur
Les & Jan Kent
Carol & Kenneth Kidder
Ron Kirk
Kirk Program Mgt, Inc
Tom & Pat Klein
Jeff & Katherine Klimmek
Terry Klomps
Janet Kohlstedt
John & BJ Kohlstedt
Ron & Nancy Kolar
Chris & Jim Kustritz
1988 Lake County Commissioners-H
Robert & Eunice Lange
BJ Lange
Jesalyn Lange
Winifred Latimer
Ann Linnea
Bruce & Stephanie Lunning
Lutsen Resort Company
Nancy Lyon
Sally & Robert Mancieri
MK Klarich & Julie Mattson
Vern Gersh & Terry McLaughlin
Betsy & Kurt Mead
Kathryn Iverson & Michael Menzel
Scott & Lucy Meyer
Sara Meyer
Mark Meyer
Joe Meyer
John Miller
MN Deer Hunters Assn
1985 MN Legislative-H
Jim & Julie Montana
Samuel Morgan
Richard & Karen Morgan
Michael & Jananne Nelson
Eloise & William Nelson
Norshor Agency
Northern Engine
Northshore Mining/Cleveland Cliffs
Congressman Jim Oberstar-H
Dan & Sallie O'Brien
Robert O'Hara
Denny Olson
Elizabeth Olson-H
Sigurd Olson-H
Owens Forest Products
Rahr Malting Company
John & Joy Richards
Norm Riihiluoma
Ray Riihiluoma
Steven & Margot Roberts
Thomas & Catherine Rootness
Thomas Rumreich
Governor Rudy Perpich-M
Robert & Betsy Peterson
Genea Pichotta
Jack Pichotta
Cyril & Evva Pichotta
J Andrew & Heidi Pichotta
Bruce Pichotta
Gloria & Michael Plautz
Mary Pulford
Dick & Janet Putman
Reprotech Limited
Colleen & Dave Ronnei
Donna Hill
Ruth Hornstein & Peter Scal
Les & Jan Kent
Ken & Carol Kidder
Mike Lyner

Robert & Linda Sherman
Kim Skyelander
Richard Slade
Pete & Sue Smerud
Aaron Smith
Charles & Dorothy Smith
Sonju Motors
Larry Sorenson-C
Spectrum Research Inc.
Stewart-Taylor Printing Co.
Nancy Sun
Randy Sutter
Randy R Sutter-C
Scott & Rachel Thun
Stephanie Tismer
Werner Tismer
Ann Glumac & William Ulland
United Power Association
Upper Lakes Foods
Stanley & Cecilia Verdev
Dave & Connie Wanberg
Jaia Wilbour

\$10,000+

Margaret D. Anderson of The Mpls Foundation
Boston Scientific Foundation, Inc.
LCCMR
Organic Consumers Association
Nancy Lyon
The Cliffs Foundation

\$5,000-\$9,999

Athwin Foundation
Blue Cross and Blue Shield of MN
Kurt Leuthold
Macy's Foundation
Northland Foundation
St Anthony Park Community Foundation
Jim Storm, PhD
The Minneapolis Foundation

\$2,000-\$4,999

Russ & Becky Bierbaum
Ann ffolliott
Pachel Foundation
Nancy Schultz & John Eckfeldt
Peter Spink

\$1,000-\$1,999

Access Financial Services, Inc.
Dewalt & Margie Ankeny
Martha & Bruce Atwater
Doug & Bev Bennett
Jim & Judy Fitzhugh
Kirk & Kelly Geadelmann
Mary Graf
Steven & PJ Harris
Oscar Johnson
Harpreet Kaur
Lavonne Michaud
Thomas & Sheryl Norback
Dan & Sallie O'Brien
Hugh Schilling
The Outdoor Foundation

\$500-\$999

Allow Yourself A Massage
Bachman's Floral, Home & Garden
Richard Brennan
Bill & Patricia Burns
Jeffrey & Lucy Heegaard
Reprotech Limited
Donna Hill
Ruth Hornstein & Peter Scal
Les & Jan Kent
Ken & Carol Kidder
Mike Lyner

Connie Manske & Bruce Redmon
Christine Morse
Jack & Genea Pichotta
Gloria Plautz
Keri Powell & Daniel Marks
J. Bruce Redmon
RSP Architects - Minneapolis
Aaron & Jennifer Smith
Ms. Harriet Smith
John & Nancy Strom

\$250-\$499

American Legion Post 157
Terry & Vicki Anderson
Tom & Margit Berg
Deborah & Donald Bierbaum
Katie Bovee
Chip Brown & Rob Alexander
Mark & Gita Budd
Leslie Cook
Patricia Coppo & Susan McCabe
Miggie Cramblit
John & Gwen Daniels
Judith Derauf
Marie DeSauniers Miller
Meghan Dickoff Blodgett
Pat & Lynn Dreese
Ben Eckhoff
Molly Graebel
Wesley Haut
Barry & Susan Hennen
Michael H Holmes
Bill & Pat Kelly
Glen Littler
Jim & Helen Losleben
Macy's Foundation
Lloyd K Johnson Foundation
Todd & Judi Marshall
Tammy Kuehn
Stewart & Kathy McIntosh
Kristine & Robert Meller
Kristen Nelson & Richard Cheeseman
Michael & Jananne Nelson
Northshore Mining Company
Robert O'Hara
Eric & Heidemarie Olson
Walter & Harriet Pratt
Gary & Sue Prebil
Michael & Joan Rajala
Don & Ellen Richard
Paula Viterbo & Andreas Brocscheid
Voigt's Motorcoach Travel, Inc.
Susan & Robert Warde
Wells Fargo Bank
Frederick & Eleanor Winston
Kevin & Jamie Zak

\$100-\$249

Ken & Marianne Aker
Shirley & Ken Anderson
Wade Baird
Andrew Bartlett
Carolyn Bogott
Terry Bongard, D.D.S.
Sherry Boyce
Kathy Bray
Chip Brofford
Blyth Brookman
Mary & Robert Bryant
Sheri Camper
Jay Carr
CF Design, Ltd
Tom & Gail Clifford
Steven Dailey & Anthony Fischer
Peter & Anne Heegaard
Andrea Doerr
Carl G Droms
Charles Dunnewind & Christina Seagren
Ann Ellis
Eveleth Elks Lodge 1161

Andrea Fierst
Alisha Franckowiak
Suzan From & Paul Deaner
Paul & Joan Fuchs
Dennis & Ann Gastineau
Bill Gausman
Lynden & Lawson Gerdes
Vern Gersh & Terry McLaughlin
James & Sandra Gilbert
Eden Glenn
Global Impact
Mark & Diane Gorder
Mark & Jane Gottwald
Hannibal & Robbie Haase
Teri Hammarback
Peter & Carol Harris
Phil Harris & Sue Romer-Harris
Coleen & Paul Helberg
Robert Henderson
John & Julie Henricksson
Bob & Joanne Hershey
Ruth Himes & Judith Martell
David & Lynn Homzik
Jan & Kathy Horak
Daniel Hulse
Lisa Huntley
Kathryn Iverson & Michael Menzel
Robert & Lenore Janda
Judy Johnson
Julie Kalahar
Keiko Kanai
Maggie & Richard King
Lisa Kinney & Douglas Hippe
Brian & Aundrea Kinziger
Jeffrey Knutson
Ronald & Paula Knutson
Michelle Koomen
Wesley & Mary Laseski
Charles & Hope Lea
Kari Loing & Michael Horak
David Lucas
Dr. Barbara Luikens
Bruce & Stephanie Lunning
K. Maki
Frederick & Helen Markwardt
Sharon & Chris McGrann
Anne McKinsey
Scott & Phyllis Mead
Bill & Jane Meller
Microsoft Matching Gift Program
Sarah Mismash
Sandra Monette
James & Franchelle Mullin
Murphy Oil Corporation
Dick & Joan Niemiec
Judi Nuottila
Jo Ann Olson
Sarah Osborn
Tom & Lynn Osborn
Thomas Patten & Joyce Hidahl
Stephanie Patterson
Rachel & Bill Payne
Charles & Evelyn Payson
Tim & Carolyn Peara
Elizabeth Perry
Beth Peter & Jeff Johnson
Maren Petersen
Nancy & Steven Piragis
George Pope
Laraine Revord
Steve & Peg Robertsen
Patricia & David Rogowski
Louis Doering & Jill Padley
Andrea Doerr
Carl G Droms
Charles Dunnewind & Christina Seagren
Ann Ellis
Eveleth Elks Lodge 1161

Barbara Schummer
Gordon Seitz
Carolyn Serrano
Lucy & Stan Shepard
Gregory & Martha Smetana
Charles & Dorothy Smith
Stanley Black & Decker, Inc
State Bank of Belle Plaine
Kim Swanson
Mike & Nina Sweeney
Tom & Susan Sweeney
Will Tanner
The Travelers Companies, Inc.
Ron & Jane Timmerman
Cynthia & Peter Tritz
Two Harbors Federal Credit Union
David Vandersteen
W Duluth American Legion Post No. 71
Ron Wicklace
Peter & Anne Wildenberg
Jonathan & Sarah Wilmshurst

\$50-\$99

David & Lise Abazs
Sandra Ahlstrom
Nathan Almquist
Irene Anderson
Randi Averil Luoto
Norm & Cindy Bauer
Gerald & Phyllis Bergmann
Jennifer Blevins
Tom & Christina Blum
Beth Bockes
Angela Borland
Stanley & Janice Burns
Steve Bystedt & Carrie Heikkila
Mary & Robby Callahan Schreiber
John & Mary Ann Callahan
David & Denise Carlson
Tom Carlson
Nikki Carpenter
Richard Catton
Katharine Chute
Wm Clayton & Susan Carlsness
Dillon Cody
Bronwyn Collins
Doug Connell & Gail Murton
Jack & Bobbi Conrad
Jeanmarie Cook
Elaine Dacken & Larry Robertson
Andy Datko & Lisa Hesse
Jill Davidson
Heather Day
David & Amy Demmer
Vicki DeWitt
Daniel Disch & Emily Onello
Linville Doan
Roger Dorsey
Bob Dykoski
Jennifer & Chris Ell
"Enterprise Holdings
Security & Business Ethics"
Cori Erickson
Sarah Osborn
John & Nora Foster
Mary Jo Fox
Howard Frame & Jennifer Marabella
Roxanne & Stanley Friesen
Katie Fritz
Carol Gerner
Don Gawreluk
Dave Geist & Adrienne Falcon
Matt Georgeff
Ann Glumac & Bill Ulland
Matthew Gottwald
John & Janet Green
William & Pat Gurnon
Mandy Hart
Elise Haupt
Barbara Hauser
Kathe Hetterick
Kate Hofmann
Carlyle Holmes Miller
Eric & Becky Holmstrom

John & Jackie Jeffrey
Wayne Jennings
Roger & Donna Jiran
Jay & Kirsten Johnson
Margaret Jones & Bruce Nowlin
Philip & Susan Jones
Kathryn Karlman
Norb & Nancy Kelly
Susan King
Gordon & Janice Klein
Fred & Lou Anne Koerschner
David & Barbara Kok
Thomas & Katherine Kottke
John & Anne Kunkel
Janet Kurtz & Robert Morgan
Donn & Donna Larson
Katie Lassi
Don & Marlyce Lee
Doug & Val Lochner
Daniel Lodin
Jane Lohnes
Andrea Lorek Strauss
Kris MacPherson
Morris Manning
Ron & Eileen Manning
Jim Manolis
Larry & Wendy Mark
Rachel Matney
Helen Matthews
Michael & Ann McGovern
Lucy & Daniel McInerny
Carin McIntosh Gulstrand
Harold Melby
Todd & Mary Miller
Robert Minish
Rebecca Montgomery
Dan Moore
Paul & Bonnie Muus
Robert & Betsy Myers
Robert Nesheim
Amber Norris
Eoghan O'Neill
Mary O'Reilly
Glenn Olsen & Barb Hager-Olsen
Dan Panshin
Karrin Pearson
Stu & Corinne Peterson
Robert & Margo Rebar
Tony & Kathy Reber
Ann & John Rethlefsen
Linda & Neal Rhoads
Pamela Rhoads
Marie Rickmyer
Lucy Rogers & Lawrence Grant
Will Rogers
Mary Romoser
April Rust
Diane Scherber
Richard & Phyllis Schultz
Amy Schwartz Moore
Robert & Margaret Seitz
Ted & Sandra Shannon
F. L. & Marilyn Shearer
Mary Shedd & Steve Wilson
Judith & Charles Shepard
Teresa Shume & Wil Shynkaruk
Dan Shutte
Kelly Smith
Terrence Smith
Tiffany Smith
David Sorenson & Amy Crane
Carol & Bernard Spencer
Michelle Stadler
Susan & Jacob Stejskal
Kenneth Stensby & Darlene Auger Stensby
Elaine Thrune
Roberta Tietge
Sandy & Russ Timmerman
Ronald & Margaret Troy
James & Carol Tveekrem
Bill & Kathy Vanderwall
Judy Larson
Verlene Larson
Verlo Larson
Adina Lebowitz
William Leonard
Sarah Lerohl
Russell Lind

Lura Wilson & Andy Fisher
Matt Winbigler
Mark & Brenda Witherspoon
Philip & Maureen Waxsten
David & Linda Wolf
Gene Wolfe
Sonja Wolter
Gary Zinter

<\$50

Tabitha Alberghetti
Pam Albin
Bruce Albrecht
Nancy Ashmore
Sara Baird
Adam Barnett
Julieann Beal
Marlys Behr
Amy Behrens
Nienke Beintema
Gladys Benson
Margaret Benson
Mark Biglow
Wilma Buhl
Vasant Butala
Jonathan Bysura
Sarah Caldwell
Britt Carlson Gangeness
James Carns
Debbie Chittick Conrad
Charles Clogston
Ann Coffin
Tambrey Collins
Elizabeth Corbin
Charles Sopher
Linda Starr
Deborah Stock
Kathrin Stumpf
Becky Tangalos
Stefan Theimer
Jane Thomas Noland
Steve Tritz
Beth Van Hoever
Twyla Vanderweerd
Sieglinde Waller
Tom Wanous
Loranda Watson
Virginia Wiggen
Jo Anne Wilson
Robert Winn
Susan Winsor-Zanussi
Barb Wonson-Liukkonen
Bryan Wood
Caroline Woods
Carol Youngberg
Maria Zachary

Christine Litsey
Joyce Lund
Betty Magnuson
Jeffrey Magnuson
Laura Malwitz
Kathryn Manlove
Anders Matney
Glenn Mayer
Donna McNamara
Tara Meyer
Marilyn Miller
Robert North
Kathryn Ohland
Nick Olson
Sarah Onstad
Thomas Opfer
Ruth Oppedahl
Holly Orians
Rachel Orman
Jenny Polisen
Jodie Prohaska
Kristin Pursell
Daniel Rau
Angie Riley
Mark Rosen
Leanne Savereide
Phil Segal
Marcie Shatz
Alice Silkey
John Smith
Rick Smith
Charles Sopher
Linda Starr
Deborah Stock
Kathrin Stumpf
Becky Tangalos
Stefan Theimer
Jane Thomas Noland
Steve Tritz
Beth Van Hoever
Twyla Vanderweerd
Sieglinde Waller
Tom Wanous
Loranda Watson
Virginia Wiggen
Jo Anne Wilson
Robert Winn
Susan Winsor-Zanussi
Barb Wonson-Liukkonen
Bryan Wood
Caroline Woods
Carol Youngberg
Maria Zachary

In-Kind

45 Degrees
Alakef
Allow Yourself A Massage
Americln
Angry Trout
Baptism River Bed & Breakfast
Adam Barnett
Beaver Bay Agate Shop
Benson Glass Art
Betsy Bowen Studio
Birchbark Books & Gifts
Bluefin Bay
Mike Brandt
Carmody Irish Pub
Cash Wise Liquor
Clearwater Historic Lodge
Sara Commers
Cook Co. Whole Foods Co-op
Crooked Spoon
CW Technology
Dalco
Dog Booties
Duluth Grill
Duluth Superior Sailing Association
Lee Englund
Fitzers Brewhouse
Freshwater Society
Frost River
Liz Gleeson

Grand Marais Hotel Company
"Grand Superior Lodge
Odyssey Resorts Local Charitable Initiative"
Granite Gear
Pete & Lisa Gravett
Gunflint Tavern
Hand Done T-Shirts
Hannibal Enterprises
Hartley Nature Center
Hawk Ridge
Inter City Oil Co., Inc
Kollath-Stensaas Publishing
Lake Aire Liquor
Lake Superior Brewery
Lake Superior Trading Post
Lemon Wolf
Lipe Brothers
Living Adventure
Lizzards
Loll Designs / Epicurian
Loose Moose
Tony Mancuso
Marine General
Master Framing & Gallery
Paige May
The Shakopee Mdebankanton Sioux
Community, Mdebankanton LIFE Program
Midwest Mountaineering
New Scenic Cafe
North House Folk School
Northwest Outlet, Inc.
Betsy Pichotta Mead & Kurt Mead
Piragis Northwoods Company
Ready Mix and Gemstone Products
Sappi Fine Paper
Sawbill Lodge
Screen Graphics
Security Jewelers
Service Printers of Duluth, Inc
Silver Bay Marina
Sivertsons Gallery
Ski Hut
South Pier Inn
Loranda Watson
Virginia Wiggen
Jo Anne Wilson
Robert Winn
Susan Winsor-Zanussi
Barb Wonson-Liukkonen
Bryan Wood
Caroline Woods
Carol Youngberg
Maria Zachary



Introducing Shannon Walz

Shannon Walz is the new Education Director at Wolf Ridge. She is "excited and honored to be part of this wonderful organization and community again. I am looking forward to working with the Wolf Ridge team to continue to grow our organization and provide meaningful learning opportunities for our participants."



What is your connection to Wolf Ridge ELC? I spent two wonderful years at Wolf Ridge from 2003-2005 as a 1st and 2nd year naturalist. The two years that I spent here taught me so much about teaching and learning – especially in an outdoor classroom – that it has become my passion and I have been working in residential environmental education ever since. I spent 3 years working for the Oregon Museum of Science and Industry (OMSI) as a coordinator for the Marine Science Outdoor School. I got to explore all up and down the West Coast from Monterey Bay and the Redwoods to the San Juan Islands in Washington. I then spent 5 years working for NatureBridge in Olympic National Park in Washington. NatureBridge is a nonprofit partner of the National Park service that provides schools and families with residential field science experiences. It was always a life goal of mine to work in a National Park!

Share with our readers something that you have learned from working at Wolf Ridge. I learned that people need the opportunity to learn and play outside. Seeing the sparkle in a kid's eye when a chickadee lands on her head and the glow of accomplishment in the group that has just completed their first overnight in the Boundary Waters is invaluable. I don't think I quite understood how lucky I was as a kid to be able to be outside as much as I was until I came to Wolf Ridge. It was here that I learned that I wanted to help as many people as possible have an opportunity to connect with the natural world like I did.

Tell us about yourself. In moving here, I just drove a U-Haul with a 26-foot sailboat attached across the country over two big mountain ranges! I feel quite proud that we made it in one piece without any major (or minor) incidents. I am married to a lovely man, Randall, who is originally from Kansas. He has done a lot of traveling and even lived in Fiji for 2.5 years in the Peace Corps. Most recently he has been working for a marine life center in Port Angeles, Washington. While he has visited Minnesota, he has never lived here and I am excited to share the North Shore with him in all seasons. We have two big, happy dogs – Sitka, a shepherd/chow mix and Skana, a newfoundland/lab mix. In my free time I like to be on or near water. You might find me hiking or on our sailboat. I also love to read and share meals with friends and family. Most recently I have delved into cheese making which is so much fun and very satisfying when you take your first bite and think – I made this!

What book you would recommend others read. *Switch* by Chip and Dan Heath. It is a great book on change.

Can you give us a travel tip? You have to go to Elwha River in Olympic National Park! You can drive to see it or hike/backpack up this magnificent river valley. The Elwha is making history as two large dams (100 feet and 210 feet) are being removed and the river is being restored to flow freely once again after 100 years. The Elwha used to have the largest salmon runs on the Olympic Peninsula until the dams were built and it had huge ecological and cultural significance. Soon the salmon will be able to return all of the way up river! It is a proud moment in our history that is worth experiencing.



Oregon coast.

If you could visit with any conservationist/naturalist/environmentalist, living or dead, who would it be and what would you say. I went to Guyana for graduate school two summers ago and met an Amerindian woman who grew up and still lives on the edge of the tropical rainforest and the grass savannah. She has such an interesting worldview and knows so much about her local ecosystem and community's culture. I would love to go back and spend a few weeks just getting to know her and learning all that she knows about the plants in the area and their uses as well as try to understand the unique relationship that she has with the place that she lives.

What is your favorite place at Wolf Ridge and why? Wolf Lake. I love being out in a canoe on the water. You never know what you might see and it is always so peaceful. ♦

2013-14 Seasonal Naturalists

Russ Aguilar
Hometown: San Rafael, CA
BA Environmental Studies
Carleton College

Milo Anderson
Hometown: Elk River, MN
BS Zoo Science & Field Biology
Friends Univeristy

Alaina Clark
Hometown: Casco, ME
BA Environmental Studies
Colby College

Susan Delfs
Hometown: Sioux City, IA
BA Biology
Augustana College

Lauren Evans
Hometown: Woodbury, MN
BS Integrated Elem & Special Ed
U of MN - Duluth

Danielle Hefferan
Hometown: Mpls, MN
BS Environmental Science
Drake University

Amy Hughes
Hometown: Billings, MT
BA Biology
Gustavus Adolphus College



Mike Krussow
Hometown: Loretto, MN
BS Integrated Elem & Special Ed
U of MN - Duluth

Marie Laudeman
Hometown: Lakeville, IN
BS Wildlife
Purdue University

Meredith Lorig
Hometown: Edina, MN
BA Chemistry
U of MN - Morris

Alyssa MacLeod
Hometown: Hartford, VT
BS Applied Zoology, MS Entomology
McGill University

Geneva Martin
Hometown: Mpls, MN
BS Environmental Studies & Sustainability
Northern Michigan University

Brooke Mueller
Hometown: Oconomowoc, WI
BS Ecology & Environmental Biology
U of WI - Eau Claire

Emma Pardini
Hometown: Solon, IA
BA English
Northwestern University

Ryan Pennesi
Hometown: Northborough, MA
BS Fisheries & Wildlife Conservation
U of MA - Amherst

Eleva Potter
Hometown: Bemidji, MN
BA Political Science & Intl Studies
U of WI - Madison

Kristen Reich
Hometown: Bismark, ND
BS Health & Wellness
U of MN - Twin Cities



Wolf Ridge Staff Update

Jo Swanson (09) completely through-hiked the Great Eastern Trail. **Katie Fritz (09)** and **David Butcher (10)** were recently married and Katie is now teaching high school English in Silver Bay, MN. **Emily Carlson (10)** is a newly certified Vet Tech working in the Twin Cities area. **Emily Brian (10)** recently joined the staff at the Great Lakes Aquarium in Duluth. **Chris Johnston (SU11)** just landed a full time science teaching job in Scotland. **MJ Bach (12)** is an EE Fellow at St. John's Arboretum. **Anne Gottwald (12)** backpacked Yosemite Valley as a trail crew leader for SCA and is now at Ferry Beach Ecology School in Maine. **Danny Pirtle (12)** is a research intern at Golden Gate Raptor Observatory, CA. **Andrea Wakely (12)** was a naturalist at Gooseberry Falls State Park and is continuing with her master's at UMD. **Class of 2013:** **Becca Bell** spent the summer sailing and with family in Willmar. This fall she is pursuing her master's degree in EE at UMD. **Robyn Char** was at WR this summer and now can be found at Camp MacDowell in Birmingham, AL. **Sarah Engstrom** fit in working at both Concordia Language Village and an organic farm on Bainbridge Island, WA. **Mary Beth Factor** instructed at WR and continues on here this year as a mentor naturalist. **Nikki Field** worked as a naturalist at WR and with the Road Scholar program and now is the new Life Enrichment Coordinator for Carefree Living in St. Cloud, MN. **Jana Graczyk** was the summer day camp coordinator in the Twin Cities and is now an outdoor instructor at Camp Widjiwagan. **Brent Hennen** will also be at Widjiwagan. He spent the summer instructing at WR with focus on the new fishing and archery programs. **Dan Hnilicka** worked at the Raptor Center this summer and returns to WR for a second year. **Jill Legault** paddled away the summer as a canoe tech and portage crew for Quetico Provincial Park. **Max Melby** worked for Eden Prairie Parks and Rec and is back at WR for another season. Also returning for a 2nd year is **Tessa Olson**. She was a naturalist at the Center for Alaskan Coastal Studies in Homer this summer. **Tom Pearce** was a trail crew leader for SCA in Yosemite Valley and is at Ferry Beach Ecology School in Maine now. **Jenna Pollard** heaved rocks around as an apprentice stonemason with Will Steger and at St Ben's volunteering. **Sara Sloan** was WR's naturalist at Blue Fin and is pursuing a future internship at Peoria Zoo. **Frances Van Sloan** was in Africa leading a STEM camp for African girls and will be returning there as the new Operations Director for the WAAW Foundation (Working to advance STEM education for African Women in Nigeria). **Rachel Zacher** was the summer camp director for counselors at WR and now is an outdoor instructor at Keystone Science School, CO. ♦



Wolf Ridge



What some deem as "the South", Mary Beth calls Missouri her home base. She graduated with a degree in Elementary Education and is currently pursuing a masters in Environmental Education through Wolf Ridge and UMD, always allowing time to get lost in the woods.

"2013 - Best Summer Ever"

by Mary Beth Factor, Wolf Ridge Naturalist

Love to fish? Check. Love archery and hunting? Check. Interested in gaining academic credits while NOT in a classroom? Check. This past summer all these opportunities could be fulfilled at Wolf Ridge.

Summer camp at Wolf Ridge is gaining more popularity and the interest for diverse types of camp programs is increasing. Wolf Ridge heard the call and three new camps made their debut this summer - Camp Fish, Angling to Archery, and an academic camp for the students of Murray Jr. High of St. Paul, MN called Ecology Inquiry Immersion (EII).

With nine boys in attendance for the first Camp Fish during mid-July, and seven girls from the Boys and Girls Club of St. Paul, MN a week later, the debut was successful. Focusing on the techniques of fishing, testing the quality of lakes and streams, and a hands on experience with the different species that roam not only Wolf Ridge's water ways, but Superior National Forest as well, this camp was jammed packed with a plethora of experiences to take home. Midweek, the campers were exposed to a two-night camping trip on Lake 29 of Superior National Forest, where they not only put their skills to the test, but learned to filet their catch as well. One quote from a parent states, "My son feels more confident and knowledgeable about his techniques for catching, cleaning and cooking fish."

Angling to Archery also caused quite a stir this summer. Comprising of nine campers total, both male and female, this camp focused on the techniques of fishing and aquatic sciences, and additionally exposed campers to responsible hunting ethics. Campers practiced their archery skills and also had a two-night camping/fishing trip. The campers left Wolf

Ridge with smiles and stories of adventures.

Wolf Ridge staff Pete Gravett and Brent Hennen were the creative energy behind Camp Fish and Angling to Archery. Monies from the Donald Weesner Foundation helped obtain necessary supplies to get programs under way.

In September 2012, twenty-two eighth graders of Murray Jr. High chose to take the Environmental Inquiry and Immersion Class with Tim Chase, a science teacher at Murray Jr. High. Tim would cover earth science, biology, and chemistry during the school year. Kim Swanson, Wolf Ridge's Summer Academic Coordinator would then tie it all together during a 2-week field experience in the summer. When students completed the "Wolf Ridge Elective" they can jump from the basic to advanced science track at their school.

Murray Jr. High's stay at Wolf Ridge was the climax of that year-long elective. The students focused on forestry management as a basis for their research projects. Teachers at Wolf Ridge exposed them to topics varying from small mammals to bird research to forest ecology, providing them with inspiration to create a capstone project. The night before departing, students presented their projects to a forum of people, stating their methods, data, and conclusions. It was quite a feat for many of them! All in all, the students took away more than they expected. A student commented, "Coming to Wolf Ridge is a great program...the thing you would get out of it would be credits for high school, courage, friends, knowledge, and many dreams you want to achieve and make happen."

Between all of the camps and programs offered at Wolf Ridge, countless campers and students walked away with memories to savor. As one student states, "2013 - Best summer ever!" ♦

Fileting the catch.



Ready, aim,.....



Summer. Right on target!

Leave No Trace

by David Butcher, Wolf Ridge Naturalist

Every day, more and more people are getting out and enjoying natural places, from state parks and waterways to national monuments and parks. The National Park Service reported just fewer than 283 million visits last year. Visitation in the Superior National Forest near Wolf Ridge continues to hover in the hundreds of thousands annually. As use of natural areas increases, so does the need for education on land preservation and outdoor ethics. Since its inception, Wolf Ridge taught about the value and importance of outdoor spaces. This August Wolf Ridge continued that mission by collaborating with the National Outdoor Leadership School (NOLS) and the Leave No Trace Center for Outdoor Ethics (LNT) to host a Leave No Trace Master Educator Course.

The Master Educator course is the highest level of LNT training offered and when NOLS representatives approached Wolf Ridge about hosting a course we jumped at the opportunity. The course attracted people from different backgrounds and places. Some of the participants' backgrounds included Boy Scout troop leaders and administrators, an outdoor recreation professor from North Hennepin Community College, and a few alums of past NOLS courses. Though the participants' backgrounds were unique from each other, they

all had a unifying passion for taking care of natural places and protecting them for future generations.

The course lasted for five days and focused on the specifics of teaching the seven principles of Leave No Trace outdoor ethics. Some examples being traveling and camping on durable surfaces, minimizing campfire impacts, respecting wildlife, and disposing of human waste properly. All the master educator candidates got the chance to teach on an aspect of each principle. The week also included multiple hikes in the surrounding area, observing trail building techniques, evaluating human impacts at campsites, and even breaking down a couple of makeshift campfire rings along the way.

Overall the course was a great success and course participants came away with a greater knowledge of outdoor ethics as well as the qualification to teach advanced LNT workshops. Wolf Ridge is dedicated to continuing with its LNT practices, now has its own LNT Master Educator, and is excited about the collaboration with NOLS and LNT for this coming summer when the next master educator course returns to Wolf Ridge! ♦

Advanced Bird Class

by Lori Walewski, Wolf Ridge Naturalist

This summer Wolf Ridge hosted three sessions of the Advanced Bird Banding Class offered by the Institute for Bird Populations (IBP). The four-day class is designed for experienced bird banders wishing to improve their banding knowledge. Mornings were spent hands-on with live birds refining sexing and aging skills, advancing comprehension of molt strategies, and understanding and identifying the differences between specific adult age classes while using the *Identification Guide to North American Birds* by Peter Pyle. Afternoon lectures covered details of feather morphology, plumages and molt limits as well as the roll of banding in research and monitoring. The classes were tailored to the skill level of participants.

Positive comments about the class abounded.

"I gained so much from the course and expect as I continue to band and exercise what I have learned more pieces of the puzzle will make sense." "The course was excellent. Worked a lot on molts and the progression from hatching to ASY. That's what I needed." "I feel more competent in my banding knowledge." "Would enroll again in a heartbeat, just to reinforce valuable lessons."



Studying molt patterns.

All three sessions of the class filled to capacity.

Look for more classes of this nature to be offered at Wolf Ridge. ♦



Wolf Ridge



Upcoming Programs

Visit our website at: www.wolf-ridge.org to learn more about these and other Wolf Ridge programs.



Winter Family Vacation

Dec 27, 2013-Jan 1, 2014

Fee: \$325 adult to 5yrs, \$162.50 4-2yrs, under 2 free.

Discover the joys of winter while skiing through the crisp snow, peering into a frozen lake through a dark house, snowshoeing to a spectacular view of Lake Superior and dog sledding through fresh fallen snow. Ring in the New Year with new friends at the family folk dance and celebration.



Winter Camp

(4-10th grade)

Dec 27-31, 2013

Fee: \$360 includes round trip Wolf Ridge bus service from Twin Cities or Duluth.

Have you ever wondered what happens at Wolf Ridge during the winter? Experience your best 5 days of the year. Learn how to keep warm outside while skiing, snowshoeing, building snow sculptures and dogsledding. Share new adventures with old and new camp friends.



Donor Member Candlelight Ski & Snowshoe Weekend

Feb 7-9, 2014

Fee: Members \$85 adult to 5yrs, \$42.50 4-2yrs.
Non-members \$130 adult to 5 yrs, \$65 4-2 yrs
Under 2 free.

Imagine exploring the Wolf Lake area on snowshoes by day, investigating a beaver lodge beneath Mystical Mountain and then relaxing in the East Dorm. After dinner swoosh along the luminary lined ski trails of Raven Lake. Winding your way through the woods you hear the hoot of an owl. Back at the chalet share snacks and laughs with friends. Join us.

2014 Summer Programs for Everyone

Day Camp: (1st-7th gr) June 23-27

Summer Sampler: (2nd-5th gr) June 25-28, Aug 13-16

Discoverers: (4th-5th gr) June 22-28, July 13-19, July 27-Aug 2, Aug 3-9, Aug 10-16

Voyageurs: (6th-7th gr) June 22-28, July 13-19, July 20-26, July 27-Aug 2, Aug 3-9, Aug 10-16

Adventurers: (8th-9th gr) July 13-19, July 20-26, July 27-Aug 2, Aug 3-9, Aug 10-16

Canoe the BWCAW, Adventurers: (8th-9th gr) July 13-26

Backpack Isle Royale, Adventurers: (8th-9th gr) July 20-Aug 2

Canoe the Quetico, Jr. Naturalists: (10th-12th gr) July 13-26

Kayak the Apostle Islands, Jr. Naturalists: (10th-12th gr) Aug 3-16

Outdoor Explorers: Angling to Archery: (6th-7th gr) Aug 10-16

Camp Fish: (7th-8th gr) July 13-19

Canoe the BWCAW: (7th-8th gr) July 6-12

Kayak the Apostle Islands: (9th-10th gr) July 27-Aug 2

Grand Portage Expedition: (10th-12th gr) Aug 3-16

Ecology Credit Camp: (10th-12th gr) July 13-Aug 9

Family Camp: July 27-Aug 2, Aug 3-9

Road Scholar Intergenerational: July 6-11, July 20-25, Aug 10-15

Family & Group Trips: Call Wolf Ridge to arrange your canoe, hiking or kayaking trip

Wolf Ridge FUNdraising Event

December 6, 2013

6:00-9:00 pm

at the Great Lakes Aquarium, Duluth, MN

Tickets are \$35 in advance (\$45 at the door)



Join us in this tasty event to raise money for the Wolf Ridge School Scholarship Fund and the general operation of Wolf Ridge. Last year's event raised over \$42,000 and was a key source of the more than \$38,000 we gave away in school scholarship support.

The hors d'oeuvres will be provided by Splashing Rock Restaurant. Fitger's Brewhouse, Carmody's Irish Brewpub and the Canal Park Brewing Company will supply us with a bevy of brews to sample. Once again expect some great live jazz. The raffle boxes are back along with the silent and live auctions, which featured all kinds of great getaways and outdoor gear.

Tickets are available online at www.wolf-ridge.org or by calling the Wolf Ridge office.

Shop on-line at the Wolf Ridge store: www.wolf-ridge.org

PROGRAM REGISTRATION AND DONOR MEMBER FORM

Name _____ Sex: M F

Participant birth date ____/____/____ Age ____ Grade entering ____

Address _____

City _____ State _____ Zip _____

Telephone (Home) _____ (Cell) _____

E-mail _____

Program Title _____ Date _____

Spouse name, names/ages of children for family program.

Guardian names for Summer Youth Programs (SYP).

Roommate preference _____

Do we have permission to include your camper's name, age and evening phone number on a carpool list sent to other registered participants? NO YES

Send Me a Wolf Ridge Calendar:

\$14 donor members/\$18.95 non-donor members per calendar (includes postage)

Become a Donor Member of Wolf Ridge:

\$35 \$50 \$120 \$250 \$1000 \$_____

Your gift will be supporting:

- Raptors & bird banding research
- Curriculum and learning sites
- Student attending Wolf Ridge for a week
- Year long program for low-income HS students
- Possibilities fund for seasonal naturalists
- And more....

For more information about Wolf Ridge programs:

1-800-523-2733 (WI, MN, ND)

or

218-353-7414

www.wolf-ridge.org

Payment:

SYP registrations must be accompanied by a \$150 non-refundable deposit, family programs \$50/person. Program fee minus deposit is due 2 weeks prior to program start.

Payment enclosed: Donor Member \$ _____
Deposit \$ _____
Program Fee \$ _____
Calendar \$ _____
Total \$ _____

Check (Payable to Wolf Ridge ELC)

Visa MasterCard Discover

Card # _____

PIN# _____ Exp. Date ____/____/____

Name on card

**WOLF RIDGE
ENVIRONMENTAL LEARNING CENTER**
6282 Cranberry Rd
Finland, MN 55603



WOLF RIDGE ENVIRONMENTAL LEARNING CENTER
 6282 Cranberry Road
 Finland, MN 55603-9700
 1-800-523-2733 (MN, WI, ND) or 218-353-7414 www.wolf-ridge.org

Non-profit
 U.S. Postage
PAID
 Permit No. 1
 Finland, MN

*Complimentary Issue
 Please Consider Membership*

In This Issue:

New Culvert
 1 & 3



View from the Ridge
 2 & 3

2014
 Wolf Ridge Calendar
 3



Wolf Ridge Donor Members
 4 & 5

Profile:
 Shannon Walz
 6



Welcome Season Staff 2013-14
 7



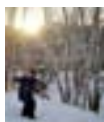
Wolf Ridge Staff Update
 7

"2013 - Best Summer Ever"
 8

Leave No Trace
 9



Advanced Bird Class
 9

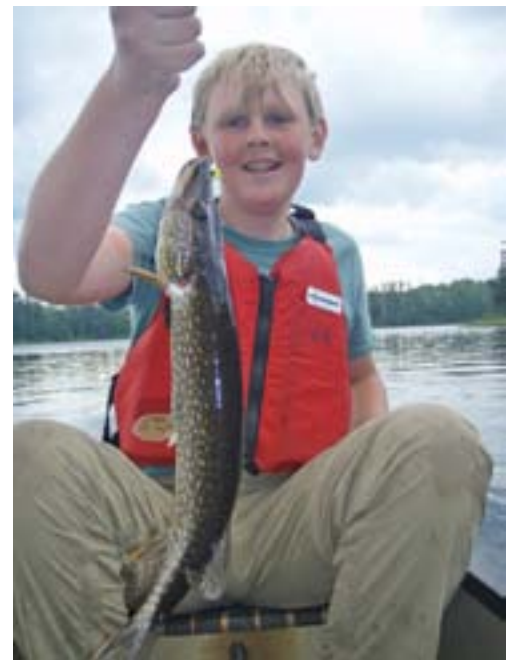


Upcoming Programs
 10 & 11

Wolf Ridge thanks these generous donors:

Margaret D. Anderson - \$10,000
 Martha & Bruce Atwater - \$1,000
 Blue Cross & Blue Shield of MN - \$8,000
 Ann ffolliott - \$2,508.34
 Kirk & Kelly Geadelmann - \$1,000
 Steven & PJ Harris - \$1,050
 Lavonne Michaud - \$1,000
 Shakopee Mdewankanton Sioux Cmty,
 Mdewankanton LIFE Program -
 2 AEDs & wall cabinets
 Organic Consumers Association - \$10,000
 St Anthony Park Cmty Foundation - \$8,000
 The Minneapolis Foundation - \$5,000
 MN Dept of Agriculture - \$50,000

Wolf Ridge offered Fish Camp for the first time this summer. It was clearly a success.



Wolf Ridge is an accredited residential environmental school for persons of all ages. We offer immersion programs which involve direct observation and participation in outdoor experiences. Wolf Ridge programs focus on environmental sciences, human culture and history, personal growth, team-building and outdoor recreation.

Our mission is to develop a citizenry that has the knowledge, skills, motivation and commitment to act together for a quality environment.

We meet our mission by:

- Fostering awareness, curiosity and sensitivity to the natural world.
- Providing lifelong learning experiences in nature.
- Developing social understanding, respect and cooperation.
- Modeling values, behaviors and technologies, which lead to a sustainable lifestyle.
- Promoting the concepts of conservation and stewardship.