



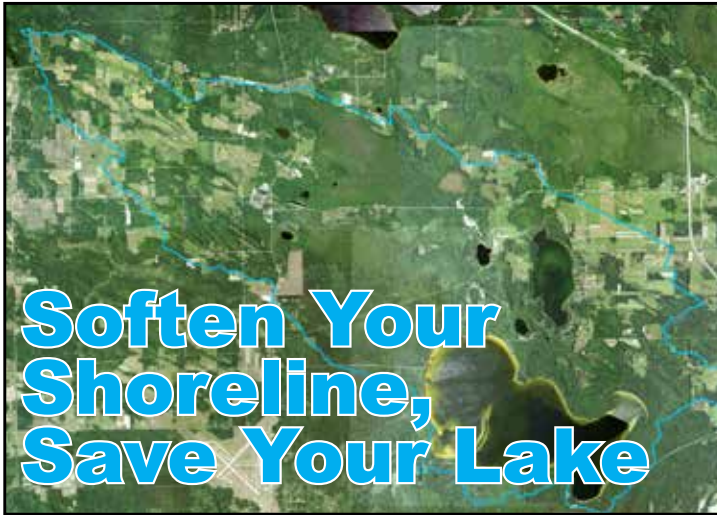
Douglas Lake NEWSLETTER

Douglas Lake Improvement Association

www.DouglasLake.org

P.O. Box 472, Pellston, MI 49769

November, 2015



2012 NAIP Douglas Lake Watershed Map

As a home owner in the Douglas Lake Watershed, you are aware of the area's wonderful water resources. Watersheds come in all shapes and sizes. Our Douglas Lake watershed is a small portion of the 900,000 acre Cheboygan River Watershed that drains parts of six counties at the northern tip of Michigan's Lower Peninsula. This watershed boasts some truly huge lakes – Burt, Mullett and Black – 4th, 5th and 8th largest in the state as well as Douglas Lake – 28th largest.

The inland waterway, the state's longest chain of rivers and lakes that stretches nearly 40 miles, begins in Cheboygan. Historically heavily used by Native Americans for transportation, then transportation of felled trees during the logging era. The relative groundwater loading to this watershed is the highest for any watershed in the Lower Peninsula, especially in the southern half of the watershed where the Sturgeon, Pigeon and Black rivers begin near Gaylord, which drain into Burt, Mullett and Black lakes, respectively. Eventually the Cheboygan River drains into Lake Huron at the port of Cheboygan. The Cheboygan River itself makes up only a small part of the Cheboygan River Watershed.

What happens in one area affects another.

No matter where you live, you are living in a watershed. Living very near or on the lake has additional concerns. Appropriately maintaining your lake property will help water quality. The Douglas Lake 2015 Shoreline Survey shows that 50% of the properties surveyed have poor or very poor greenbelt. Having a greenbelt provides a buffer zone between you and the lake. A greenbelt will help filter runoff that allows nutrients to disrupt water quality. It can also serve as erosion control when deep rooted native plants are used for the vegetated area.

Nutrients can come from the septic system or from fertilizers and pesticides.

Maintain your septic system regularly and avoid using fertilizers. If you must fertilize, use phosphorus-free lawn fertilizer. The nutrient code on the fertilizer bag should have a zero as the middle number to indicate it is phosphorus-free. Try not to fertilize within 20 feet of the shoreline.

Begin developing a greenbelt by designating a "no-mow" zone.

Native grasses and wildflowers will come first, then add native plants from a local nursery. Consider having the greenbelt at least 75% of the lake frontage.

Taller native grasses, wildflowers and shrubs (2-3 feet tall) along the shore are less inviting to the geese and are very attractive. With less area to mow, there will be more time to relax and enjoy the lake.

Sources: *A Homeowner's Guide to Watersheds Protection and Sensible Shoreline Development*, TOMWC

"When one tugs at a single thing in nature he finds it is attached to the rest of the world."

- John Muir,

Naturalist, Conservationist, Author 1838-1914
Founded Sierra Club and National Audubon Society

MARK YOUR CALENDAR . . .



Area Winter Events

Nov. 20-22

- *Northern Michigan Chorale Fall Concert* - "Showstoppers" 7:30 Friday & Saturday, 3pm Sunday at Crooked Tree Arts Center in Petoskey. Tickets \$12 Adults at CTAC, www.nmchorale.org, or at the door.

Nov. 21

- *Holiday Crafts, Art and Gift Show*, Emmet County Fairgrounds, 9am -4pm

Nov. 27

- *Christmas Craft Show* Inland Lakes School, Indian River, 238-9325

Dec. 4-5

- *Merry Marketplace* at Crooked Tree Arts Center. Friday 4-6 members only, 6-9 public. Saturday 10-4

Dec. 5

- *Holiday Hobby Craft Show*, Boyne City High School, 9 am – 3pm

Nov. 30, Dec. 1 & 2

- *The Spirit of Christmas Dinner* by the Northland Players at Audie's Restaurant, Mackinaw City 6:30 pm
Call 231-436-5744 for tickets

Dec. 12-13

- *Catch A Falling Star with the Geminis*, Headlands, Mackinaw City. One of the most prolific meteor showers of the year-a good amount as early as 10pm-program with refreshments and bonfire – indoor or outdoor access

Dec. 19-20

- *Nutcracker Ballet*, Harbor Springs Performing Arts Center, Dec. 19, 3 pm and 7pm performances, Dec. 20, 3 pm performance. Call Crooked Tree Arts, 347-4337 for tickets early- it sells out!

Jan. 15-17

- *Mackinaw City Winterfest Outhouse Parade* and race 2pm Saturday Chili cook off, etc. call 231-420-7044 for details.

Feb. 5, 6, 12 & 13.

- *USO Canteen* by the Northland Players Production and dinner at Audie's Restaurant, Mackinaw City 6:30 pm, Call 231-436-5744 for tickets.

Feb. 12

- *St. Ignace Pond Hockey Championships* 160 teams expected.

March 4, 5, 11 & 12

- *Iliad, Odyssey and all of Greek Mythology in 99 Minutes or Less* by the Northland Players Production and dinner at Audie's Restaurant, Mackinaw City 6:30 pm, Call 231-436-5744 for tickets.



Area Winter Farmer's Markets

Boyne City

Saturdays 9am -1pm located in Red Barn next to the Boyne City Library

Harbor Springs

Saturdays 9am-1pm at Harbor Springs Middle School at the corner of Lake and State. Now thru Dec. 19 except closed on Nov. 28

Petoskey

Fridays 9 am– 1 pm located at Carnegie Building, upper level. Oct. 9-June 3 Crooked Tree Arts Center

WELCOME NEW DLIA MEMBERS

Jake & Diana Bishop Zone 15

Mike & Marcia Black Zone 61

Brandon & Michelle Griffith Zone 15

John & Robyn Lighthammer Zone 91

Bob McLouth Zone 11

Frank & Julie Pauli Zone 61

Mike & Ruby Wendling Zone 71



Alanson to Mackinaw Trail Reopened

A 23 mile segment of the North Western State trail which goes through Brutus, Pellston, Levering and Carp Lake has reopened after a resurfacing project by DNR.

It is located along the former Grand Rapids to Mackinaw Railroad bed. The biking/running/walking/snowmobile trail was closed in April. The bridge over the Maple River near Pellston is being replaced this fall.



NORTHERN MICHIGAN BOOK TITLES REQUEST

The newsletter committee would like to compile a list of books/DVDs from which we can learn more about the history, environment, authors and artists, culture/way of life, etc. north of Traverse City. Please send titles, authors, date of publication, fiction or non-fiction and a one sentence description (if desired) to:

LindaOrlow@gmail.com

The list will be published next fall knowing many of your books may not be accessible until you return in the spring.

Spring Newsletter Deadline

The deadline for submissions for the spring newsletter is May 1, 2016

Pinecones Galore!!!



If you ever wanted to make pinecone fire starters this was the year to do it!

Experts say that the pine cones that fell this summer actually started forming three years ago. So, our winter weather isn't to blame for the bumper crop. It probably has to do with the insect population!! Pine trees don't produce the same amount of cones each year to throw off the insects that eat them. Trees do this as a way of avoiding these predators, because if they produce the cones on erratic, unpredictable cycles the insects can't adjust to them.

Scientists say you can expect to see these bumper crops about every three to seven years.

SEA-LEGS

An alternative to a lift/hoist for pontoon boats



Due to the tremendous fluctuation of water levels it can be frustrating to deal with a lift! Do you know about sea legs?

They consist of two hydraulic operated lift modules (legs) that are attached to the bottom of the pontoon deck. They lift and hold the boat at any height up to six feet from the lake bottom.

Another benefit of Sea-Legs is they can be used on the go - at the sandbar, restaurant, shore fishing, and so on.

They have been available since 1994.

Check them out at sea-legs.com or Douglas Lake resident Ed Grant at 537-4861.

WE FOLLOW IN THEIR FOOTSTEPS

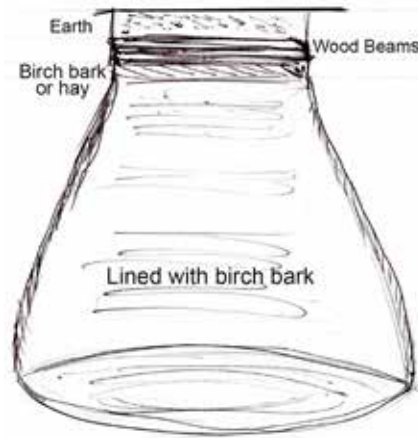
This story has its beginning on a spring day in the early 2000's when Kathryn Parker, an archaeologist and Burt Lake resident, happened to be out picking mushrooms on the University of Michigan property near the Biological Station. In the past, she had noticed periodic depressions in the soil, which she had attributed to earth damage caused by the roots of falling trees or to other natural causes. On this occasion, however, she noticed for the first time that these circular depressions seemed to be organized in cluster formations rather than the random configurations more likely to be present in the case of natural occurrences. The clustered appearance, in turn, suggested that they were actually man-made storage pits of the type that had been constructed by early Native American people elsewhere in the Great Lakes region. That supposition proved to be correct.

Subsequent archaeological exploration of University of Michigan property on Douglas and Burt Lakes as well as the area around the Gorge [also known locally as Big Springs or Sandy Springs], yielded evidence of widespread cache pit construction. Robert Vande Kopple, UMBS resident biologist, and a team of archaeologists and students located nearly 70 clusters of cache pits containing over a thousand individual cache pits. At that point, the questions became: 1) who built them; 2) when were they built; and 3) what did they contain? Later archaeological excavations provided some of the answers.

One major project, an archaeology field school led by Dr. Meghan Howey, focused on a lower shoreline terrace on Grapevine Point, which seemed a likely site for human habitation. Various test holes were dug according to an established grid of the area. They disclosed two separate residential sites. The first site, on the southern end of this lower terrace, produced evidence of a seasonal fishing camp that had been periodically revisited rather than being an established residential community. Radiocarbon testing indicated that camp had been constructed and utilized between roughly 650 AD and 780 AD. The second site, farther to the north, was dated to a more recent time in the Late Woodland period, with probable dates of habitation between 1310 and 1430 AD. Included in the findings was evidence of a large residential structure with multiple hearths that had probably housed an extended family over a considerable period of time.

Also excavated were three of the nearby cache pits, which were believed to be associated with the large residence. Like most of the cache pits identified, these pits were empty. All

that remained for the most part were the visible striations or layers in the excavated pit walls that hinted at the types of materials that had been stored there in the past. These pits varied in size from between roughly 5 feet to a bit more than 7 feet in diameter and demonstrated depths ranging from over 3 feet up to nearly 6 feet. Typically, such pits were probably lined with readily available material such as birch bark.



Contained within might be food stuffs such as local plants and tubers, acorns, berries, possibly some corn, dried fish, and the dried flesh of animals such as bears, deer, turtles, beaver, and the like. These foods would most likely have been placed in storage containers consisting of clay pottery; baskets made of reeds or thin water-softened wood strips; or boxes made of birch bark. Pouches might also have been used. Once filled, the storage pits would then be covered with a layer of protective material such as birch bark or wood and topped with the local sandy soil. Because of the excellent drainage available at these sites, which were

located well above the water table, the food stored within the pits would be safe from pooling water and its attendant rot.

Last summer, I found a strangely shaped stone object that appeared to be a tool of some sort, which was on the shoreline of the island near my dock. Efforts to identify the object led to contact with Kathryn Parker, who had made the initial discovery of the cache pits on Grapevine Point and who, along with Dr. Howey, had written about the excavation of the several locations on the Grapevine Point. She, in turn, introduced me to Robert Vande Kopple, the UMBS resident biologist, who had likewise been involved in these projects.

After discovering that there was at least one cache pit located on Pells Island in an area owned by the University of Michigan, I had asked if the team would be interested in exploring some of the largely undeveloped, privately owned land in other locations on the island. When the island residents were approached, most agreed to invite Bob Vande Kopple and Kathryn Parker to search their properties for further archaeological evidence of cache pits. When those areas yielded evidence of five new sites, whose locations were plotted via GPS on a research map showing all of the identified cache pit sites, the idea of exploring other locations on or near the Douglas Lake shoreline came to the fore. In time, when approached, all of the landholders on Bentley Point and those occupying land along the French/Young shoreline agreed, as did almost all of the shoreline residents in Manitou Shores. Those latter three areas will be explored sometime in September and October of 2015. Once those findings have been recorded, I will update this article.

by *Jan Huntley*



Douglas Lake JUDSON HOMESTEADERS

Thomas and Mary Judson's son, John Clark, married Georgianna Hammond (both born in 1858) and homesteaded 160 acres on Douglas Lake in 1878. They were the second homesteaders on Douglas Lake. The first was Mr. Bentley on Bentley's Point. A homesteader was required to be the head of the household or at 21 years old. They had to live on the land, build a home, make improvements, and farm it for a minimum of five years. The filing fee was \$18.00. John Clark travelled north from North Collins, NY to build his home and clear and plant the land. Their toddler daughter, Dolly, traveled across Douglas Lake by dugout canoe to their first home on Judson's Point. The couple lived in their original hand-hewn log cabin until their deaths in 1937.



This cabin still stands and is owned by Judson descendants. While building their home, barn and gardens John Clark found a fire pit, arrowheads and two cannonballs believed to have been carried from Fort Michlimackinac by Native Americans who camped on the lake. Douglas Lake was reached in the late 1800's by a stagecoach that ran along the Indian Trail between Cheboygan and Harbor Springs. You got off the coach near the present day Biological Station,

found the rowboat owned by the Bentley's and paddled across the lake to Judson Bay. Over the years the homestead was parceled off and sold, but about 60 acres is still owned by members of the Judson Family or is part of the wildlife sanctuary, the "Judson Nature Preserve" which was donated to the Little Traverse Conservancy.

My grandfather William Pell Judson was born in 1884 and named after a lumber baron in exchange for land that was never delivered, and for which Pellston is also named. He married Helen "Nellie" Isora Pike and after a divorce my dad, Wendell, went to live with his grandparents John Clark and Georgianna... who raised him from seven years old. My father went to elementary school at Lancaster College, located just south of Lancaster Lake on MacArthur Road. His teacher was James MacArthur. For 9th and 10th grades he would ride his bike 6 miles to Levering until the snow came and then he would board in Levering until spring. For 11th and 12th grades, he attended school in Cheboygan – walking, riding his bike or skiing the 4 miles out to Lem Shappel's home on Paradise Lake Road, who would drive my

Continued next page

Brick Oven Artisan Bread Cheboygan

Being greeted by a seasonal garden and a friendly mother/daughter duo made me want to try all their products! Together mother Joanne Howell and daughter Alishia Sanford bake about 20 different varieties of bread as well as rolls, etc. now. The idea began with husband/father Tim Howell. When overseas in the military in the 70's he loved the aroma of bread baking in Greece. It became his passion to build a brick oven some day. Fast forward to the summer of 2013 when he got plans from brick oven "guru" Alan Scott. Tim built the oven as Joanne and Alishia researched recipes. Initially baking for friends and relatives the word got out.



Organic ingredients are used as well as many produced by local farmers. The bread is baked at about 600° using natural leavening and bacteria which produces more nutrients. The bread leaves the brick oven with a dark golden crust and moist inside. Some of the best sellers include Fruit Nut breakfast, Parmesan Olive, Spinach

Feta, Cinnamon, Country French and Sweet Wheat.

Winter hours are:

Wed. – Fri. 10 – 5,
Saturday 10 – 1

Summer hours are

Wed. – Fri. 9 – 6
Saturday Farmers Market 8 – 1

The Brick Oven is located at 216 Southerland St. which is left and well signed (just south/beyond

K-Mart on US #23).

Phone 231-445-1925, www.cheboyganbrickoven.com
email: thebrickoven@outlook.com

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dad the 10 miles to school. After graduation, he attended the Cheboygan County Normal School. He then taught school for five years at Lancaster College. In 1938 Wendell married Elma Elder and built a small home on Douglas Lake on land that his grandparents had deeded to him. In 1940 he moved his family to Pontiac to build guns during WWII. Returning to Northern Michigan in 1946 with four children, Donald, Judy, Gary and Linda, he founded Judson Heating Service in Levering and had another daughter, Wendy. Upon retirement in 1970, Wendell, Elma and Wendy moved out to Douglas Lake to retire and enjoy our beautiful lake. Dad's biggest passion was his beloved Judson Pike Marsh. He would count the days until the pike started running every spring. Around Ingleside, Dad was always helping his neighbors (much like his grandparents did) when they arrived for the summer and needed help with their cottages. He had every tool known to man and a key to most homes. He enjoyed all the lake festivities, especially the 4th of July parties. He knew Douglas Lake and it's families - there wasn't a history question he couldn't answer and he was always willing to share his memories.

I grew up hearing many wonderful family and lake stories. Like the time John Clark Judson had to go downstate and left a young 20 year old Georgianna at the cabin. A freak

storm stranded her at the cabin longer than anticipated... so she made her way over to the Bentley cabin for food and shelter. When Georgianna needed a new chicken coop, her old one was torn down and my dad's (Wendell) pet crow was found to have stashed hundreds of shiny pieces of treasure inside it...including some of the family silverware! This crow also retrieved a dead sucker from the lake and ate it on Vern Robertson's new Model A's rumble seat lid! Or the time my dad planted four acres of potatoes and worked non-stop all summer only to receive a profit of \$3.00! Many neighbors and Ingleside Inn guests benefited over the years from the Judson farm selling milk for 10 cents a quart, cream for 60 cents a quart, eggs, beef and garden goods. Fritz Roberts came to the barn every morning to get a glass or two of fresh from the cow milk and my dad dug worms for William Fleming Sr. for \$.10/can. I've heard stories about most of your ancestors, the NOODLs (not originally of Douglas Lakers) and the kids who summered here. It was such a joy for me growing up year-round on the lake.

By *Wendy Judson*

9330 Ingleside Road



We Will Miss . . .

William Clark Judson 1/22/41 to 10/24/14

Bill was a long time summer resident of Judson Point area of Douglas Lake. He was the son of William Lionel Judson, husband of Mary Kemp Judson and brother of Jay, Bryan, Susan and Betty. He was the great grandson of John Clark Judson, who with his wife Georgianna, homesteaded the Judson property in 1878. A memorial was held for him on July 4, 2015 on the Judson property.

Elma Judson 8/19/1920 – 8/15/2015

Elma, 94, was the daughter of Albert and Elma Elder in Carp Lake. She married Wendell Judson in 1938. They had five children – Donald, Judy, Gary, Linda, and Wendy. They had 11 grandchildren and 18 great-grandchildren and 4 great-great grandchildren! They lived on Ingleside Road on Douglas Lake.

Wendell preceded her in death in 2009 at age 92 after 70 years of marriage. Son Donald, daughter Judy and son-in-law Ron also preceded her in death. She is described as a loving matriarch and remarkable woman.

Elma's husband, Wendell Judson, was the son of William Judson (born 1884) and grandson of Georgianna and John Clark Judson who homesteaded 160 acres on Douglas Lake in 1878 as the second settlers on Douglas Lake arriving from their previous home in Harbor Springs. Dolly Judson, John Clark and Georgianna's daughter came across the lake as a toddler in a dugout canoe from Grapevine Point to become one of the first European children to inhabit the lake.

Dwaine (Leo) Vern Lighthammer

With his family by his side, on Monday June 29, 2015 Leo Lighthammer passed away after a long battle with Alzheimer's. Leo was born in Mt. Clemons, Michigan on September 23rd 1929 to John and Betty Lighthammer. He graduated from Michigan State University and obtained a law degree from The University of Michigan. After graduating from law school, Leo honorably served our country in the U.S. Army. He later opened a law practice in Ann Arbor, owned and managed Real Estate properties, and developed several as well.

On April 6, 1957 he married his lifetime companion Mary (Jody) Josephine Carpenter. Leo was a very active person with many interests from hunting and fishing with his friends in Northern Michigan, sailing, cross country skiing, collecting and polishing Petoskey Stones and traveling in the motor home and abroad. Leo's favorite past time was spending his summers

and winters visits at his cottage "Green Crackers" on Douglas Lake. Green Crackers and northern Michigan was a special place for Leo, he enjoyed his 48+ years up on the Lake. It has provided immeasurable opportunities of joy, friendship, family, and left an indelible and positive mark on many people's life.

Leo was very involved in his church, St. Andrew's Episcopal Church of Ann Arbor, and served several years on the vestry. He was a devoted caring husband, and a kind patient father, who will be sorely missed by all. He is survived by his children Laura (Mark) Hannaford, Martha (Joel) Decker, Janet (Chris) Heaton, Mary (Bob) Edwards, John (Robyn) Lighthammer, 14 grandchildren, and his brother-in-law John Eliker. Leo was preceded in death by his wife Jody Lighthammer, parents John and Betty Lighthammer, son John Christian Lighthammer, sister-in-law Janet Eliker and granddaughter Josephine Martha Decker. Donations can be made to the Alzheimer's Association Michigan Great Lakes (alz.org/mglc)

John (Jack) Graham Young, 99

Jack Young passed away peacefully at Grandvue Facility in East Jordan, MI on August 25, two days after a timely family reunion at his home on Douglas Lake celebrating his upcoming 100th year. He was born in Ann Arbor on December 12, 1915, with his identical twin Robert, to his parents Leigh and Francis Young.

Jack met his future wife, Elizabeth "Betty" French at Douglas Lake while they were both in high school. He stayed with his family at Camp Davis (which is now the Biological Station) and he and his twin brother would row and swim across the lake to visit "the French sisters". During their marriage of 68 years, they spent many summers at Douglas lake shared with their children, grandchildren and great grandchildren.

After his retirement from the University of Michigan in 1980 they became full time residents of the lake. During this time he was on the board and an early president of the Tip of the Mit Watershed Council and also president of the DLIA. He was an avid sailor and part of the "infamous" Lightening Fleet in fierce competition for the coveted OOPY trophy! (OOPY standing for Osgood, Olsaver, Peters, and Young) He competed and sailed his Sunfish to the age of 90, though had to give up his windsurfing at the age of 85. He and Betty helped found the northern Michigan chapter of the 70+ Ski Club during the 1980's and he won his last NASTAR gold medal just 12 years ago!

We, his children, are grateful for the opportunity to continue to enjoy our Douglas Lake home and will carry fond memories of times past and our much loved parents who shared their love of the outdoors in this beautiful setting. Next year will mark the 100th year of owning the property at Stony Pt.!

Lovingly submitted by his daughters, Carol Kautzmann and Maggie Sauvain, and sons, Douglas, Alan, and John Young.



P.O. Box 472, Pellston, MI 49769



Douglas Lake Improvement Association
www.douglaslake.org

Membership Dues: \$25 a year
Mail to DLIA, PO Box 472, Pellston, MI 49769

President - Holly Gedert, president@douglaslake.org
Vice President - Frank Beaver, vice-president@douglaslake.org
Secretary - Joan Hartwig, secretary@douglaslake.org
Treasurer - Susan Klaas, treasurer@douglaslake.org
Newsletter Editor - Linda Orlow
Email

News Articles and Obituaries to info@douglaslake.org
Membership Updates to membership@douglaslake.org

New member and update form
can be found at www.douglaslake.org

The Online Store is Open www.douglaslake.org

Ordering is easy!

1. View or download the catalog and order form.
2. Select your items and complete the order form.
3. Email the order form.
4. An invoice for merchandise total plus shipping will be sent to you by email.
5. Use your credit card to pay.



Order early while inventory lasts.

Orders must be received by
December 18th for Holiday shipping.
Contact Marilyn at merchandise_manager@douglaslake.org
or 231-420-4579 with any questions.



Release those images from your phone, tablet or camera. Submit them for the **2017 Douglas Lake calendar.**

We encourage all art forms to participate!

Due to copyright laws, all entries must be your own or with permission of the owner. Include the name of the artist and a description.

Send your entries to info@douglaslake.org

Contact Marilyn at merchandise_manager@douglaslake.org or 231-420-4579 with any questions.