



## **DEEP CREEK WATERSHED FOUNDATION RECIPIENT 2021 WILLIAM DONALD SHAEFER HELPING PEOPLE AWARD**



On Saturday morning, October 1, 2022, The Deep Creek Watershed Foundation (DCWF) was honored as the recipient for Garrett County of the 2021 William Donald Shaefer Helping People Award. This award was presented to the DCWF by the State of Maryland's Comptroller, Peter Franchot during a luncheon held at Ace's Run.

More information about this annual award and program can be found at the link below:

<https://www.marylandtaxes.gov/divisions/comp/peter-franchot.php#wds>

The DCWF is a 501 (c) 3 non-profit organization formed in 2016 and designed to accept tax deductible donations and use those donations over time to support the implementation of the Deep Creek Watershed Management Plan (WMP). The WMP was created in a collaborative effort between citizens of Garrett County, Garrett County Government, and the Maryland State Department of Natural Resources. It was clear to some of those citizens who assisted in the development of the plan, that neither the State nor County would alone be able to fund the myriad of projects necessary to implement the plan. To address this fiscal reality, the DCWF was created and uses a methodology of creating public/private partnerships to fund projects. Information concerning the DCWF, the projects it has supported thus far as well as some planned for the future can be found at: [www.deepcreekwatershedfoundation.org](http://www.deepcreekwatershedfoundation.org)

The DCWF has an all-volunteer Board of Directors as well as a very supportive group of Advisors and Volunteers who assist the board in a wide variety of

ways.

In addition to receiving this coveted honor from the State of Maryland, the Foundation honored its immediate Past President, David Myerberg, for his three plus years of tireless support to the Foundation which he, along with others, created. He was presented with a two dimensional map of Deep Creek Lake, set in a tray and covered with glass, a beautiful reminder of his positive contributions to the Deep Creek Watershed and Deep Creek Lake in a variety of roles he has filled.



## PRESIDENT'S MESSAGE A PLANNED GIVING PROGRAM

As the Deep Creek Watershed Foundation (DCWF) continues to grow and mature, we need to begin to think about our sustainability and future stability as a viable non-profit organization. One of the programs that will assist us to reach future financial and project goals is the establishment of a Planned Giving Program.

If you support the mission of the DCWF, identify with its cause, and consider it to be a stable organization, some type of revocable financial arrangement with the Foundation may assist you in achieving your financial and philanthropic objectives. For example, a bequest in your will or naming the DCWF as the beneficiary to an IRA or Insurance Policy may be the type of legacy you would like to consider.

This is a highly personal decision on the part of a donor and one that cannot and should not be rushed. There are literally dozens of gift vehicles to choose from and we can help you uncover them with the help of our banking partners and your estate planning professional. We can assist with each individual's and family needs.

If at any time, you would like to discuss possible Planned Gifts, please call me at (703)975-8485 or email me at [rahoffmann93@gmail.com](mailto:rahoffmann93@gmail.com) and we can make an appointment to do so. Thank you for your continued support!

### OUR MISSION:

TO SUPPORT, PROMOTE AND ADVANCE SCIENTIFIC STUDY, ENVIRONMENTAL PROTECTION AND EDUCATIONAL PROGRAMS RELATING TO THE DEEP CREEK WATERSHED.

Charity Navigator rates the DCWF as a Four-Star Charity at 91%/100%!

<https://www.charitynavigator.org/ein/811208194>

## **ANOTHER SOLD OUT DCWF EVENT!**

### **"PIANO FIREWORKS IN THE BARN"**



DCWF hosted their anniversary event again this year on Tuesday, September 13th at the elegant Red Barn on North Glade Road.

The evening began with cocktails and appetizers, followed by fine dining, and then all enjoyed the entertainment, pianist Thomas Pandolfi.

Famed pianist and local favorite, Thomas Pandolfi, provided the entertainment for the evening! He began his music career at The Juilliard School where the young prodigy caught the attention of Vladimir Horowitz, who would become his mentor. He has performed at some of the world's most prestigious stages, including Lincoln Center, Alice Tully Hall, Strathmore, The Kennedy Center, and Kiev Opera House. Mr. Pandolfi's performance focused on some of his best Gershwin works, Broadway favorites, and a bit of classical music. It was a performance that delighted all in attendance.

Brenda McDonnell and Martin Heise of Ace's Restaurant & Pub, Brenda's Pizzeria and Firewater Kitchen & Bar catered the event with a fine dining dinner menu that was a feast for all. The Silent Auction included local art, certificates to lodging, tickets for professional sporting events, restaurants, and activities as well as many other items. The auction was a success in raising money for the foundation that will help fund our watershed projects!

The DCWF "Piano Fireworks in the Barn" was a wonderful evening of good dining, good fun, and outstanding entertainment while supporting the Foundation's effort to keep our Deep Creek and Garrett County watershed beautiful and clean for generations to come!

We wish to thank all our supporters and patrons.

**The Gold Sponsor for the event is First United Bank & Trust.**

**Our Silver Sponsors were Deep Creek Marina, H&H Chevrolet, and Total Biz, Gary Ruddell LLC.**

**The Bronze Sponsors were Advanced Heating & Air Conditioning, Bill's Marine**



Service, Brookfield Renewable Power, Competitive Power Ventures, Deep Creek Fireplace, Greenscapes LLC, Oakland Oil & Propane, The Rodeheaver Group, RPM Construction, and the Santelli Family.

The foundation is proud to have My Bank's support and so many others in our business community.



**Use Amazon Smile for your Holiday Shopping and Make Sure to Designate DCWF as Your Charity!**

**An easy and free way to help donate to the Foundation.**

First, you need to go to [smile.amazon.com](https://smile.amazon.com).

You will be prompted to create a login and password if you do not already have an account with Amazon. There is no cost to set this up. When you do login to [smile.amazon.com](https://smile.amazon.com), locate the Deep Creek Watershed Foundation (DCWF) by searching on the charities block and select it as your charity. Once you do this, when you next choose to shop at Amazon, access Amazon through **smile.amazon.com** and it will automatically put you in a position to shop for all amazon products.

The best part is that when you shop now at Amazon through [smile.amazon.com](https://smile.amazon.com), 0.5% of your purchase price will automatically be credited to DCWF at no cost to you. When the amount of money to be donated to DCWF from all the purchases made with this charity selected by the shoppers reaches \$1,000, we (DCWF) will receive a check from Amazon.

**The more shoppers that choose this method of shopping at amazon, the more the DCWF will receive!**

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**Agreement Reached  
Between Maryland  
Department of  
Natural Resources  
and DCWF  
Regarding Use of  
Donated Water  
Quality Monitors**

The Foundation prides itself as an organization that forges alliances with governmental and other partners.

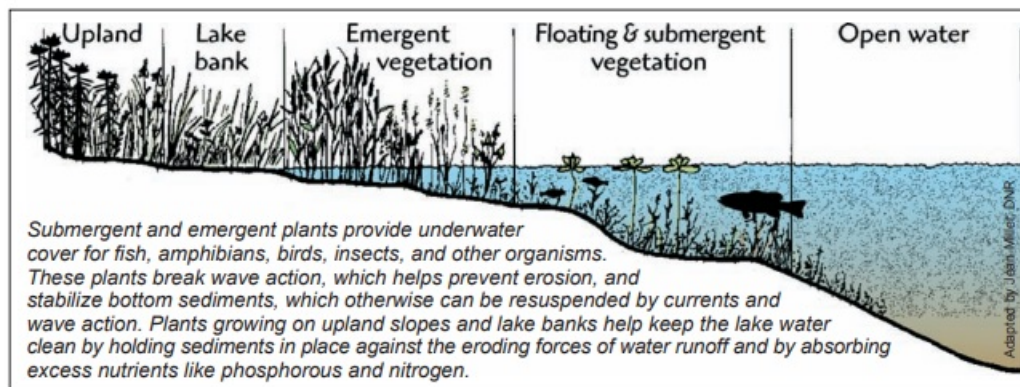
Governor Larry Hogan has been very supportive of "public-private partnerships" to help further the needs of the citizens of the State. This Newsletter carried an article in its last edition regarding the Foundation's gift of \$75,000 to DNR to pay for five new water quality monitors. Before allowing DNR the use of these monitors this year and, in the future, the Foundation negotiated an agreement with DNR that assured DNR would report to the



Foundation a specific plan for the use of the monitors, that the monitors would only be used in Deep Creek Lake, and DNR would report, yearly, on the data generated.

By the end of this year or early next year, we will report on this plan and the data generated by the monitors. The Foundation wants to assure our generous donors that we will provide them timely reports on all such projects.

## 10 IN 10 Project



### We are gearing up for a new project for the spring of 2023!

The 10 In 10 project aims to reforest the buffer strip along the lake shores. This is a community program that includes the Lake Management office/DNR, DCWF, the POA and other civic groups. Ashley Bachtel-Bodkins, one of our advisors, and a Senior Agent at University of Maryland Extension Office in Garrett County will also participate in the planning. The goal is to achieve a 10% vegetative stand along the shoreline on private properties in 10 years. Participation of property owners is voluntary. A focus on native trees, shrubs and grasses is emphasized.

A 300-yard strip along the waterfront to the right of the Deep Creek Lake State Park Boat Ramp will serve as a prototype. A meandering path and signage will guide visitors through suggested landscaping plants all designed to enhance lake views and reduce or slow erosion of the shoreline.

Planning for the gardens will begin in January of 2023 and when the ground is workable in mid-spring, the planting will begin.

## COMPLETION OF THE WATER BUDGET MODEL

The completion of the Water Budget Model (WBM) is in response to

Goal One of the Watershed Management Plan. The first step in the journey to a completed WBM was the installation by USGS and financed by the Foundation of a recording water level and water temperature gauge near Meadow Mountain Run. The gauge serves as a backup to the gauge that the power plant operator maintains as a part of the water appropriation permit. The power plant data record is unavailable on the internet except for daily levels and other data. The Foundation paid \$15,310 to USGS for this installation. The fifteen-minute increments measured at the gauge data will show how the water that comes into the lake affects the water levels when combined with rainfall and discharge records.

Currently, the model created by the Foundation relies on a bookkeeping scheme that keeps track of the required releases and the water remaining in the pool. It is advantageous because it is updated daily, and a daily prediction is made of the number of days remaining until the lower rule band is reached.

Two more continuously recording precipitation gauges in the watershed to augment the precipitation gauge at North Glade Run and discharge records available in real-time from the power plant will afford the data to construct a groundwater recharge model for the lake basin. Using the same bookkeeping technique, the recharge model will extend the predictable lake levels from days to months.

We have approved a contract for adding the precipitation recording capability to the existing Hoyes Run USGS flow gauge on the Youghiogheny River and at the existing USGS flow gauge at Cherry Creek to afford better precipitation records for the watershed.

USGS has proposed to install a river flow gauge upstream of the Deep Creek nexus with the Youghiogheny River. The additional gauge will provide flow data in conjunction with the Hoyes Run gauge. Factoring in the travel time between the gauges, it will be possible to measure the amount of water leaving the watershed.

The completed WBM will account for the water coming into the lake; the lake level data will show how the lake reacts to the rainfall and how the water coming out of the watershed into the river relates.  $\text{Water In} - \text{Water Out} = \text{Change in water level}$ .

Our next objective is to accrue donor funding of \$21,750 in capital costs and a commitment of \$17,970 for annual operation and maintenance for the gauge on the river upstream of where Deep Creek joins the Youghiogheny.

#### **COMPLETED AND CONTEMPLATED JOINT PROJECTS WITH USGS INCLUDE**

	Gauge build and Equipment Purchase	Annual Operation and Maintenance	Foundation Contribution	USGS Match	Total Cost
Recording Lake Water Temperature Gauge at State Park	\$1,200	\$3,050	\$4,250	\$0	\$4,250
Recording Lake Water Level Gauge at State Park	\$4,800	\$6,260	\$11,060	\$0	\$11,060
Co-located Precipitation Gauge at Hoyes Run	\$8,155	\$4,575	\$12,730	\$0	\$12,730
Co-located Precipitation Gauge at Cherry Creek	\$8,155	*\$4,575	\$8,155	\$0	\$12,730
Stream Gauge upstream of Brookfield Power in Youghiogeny River	\$21,750	\$17,910	\$39,660	\$0	\$39,660

\*The Deep Creek Lake Manager has agreed to pay for the operation and maintenance costs associated with the new Cherry Creek recording precipitation gauge at Cherry Creek.

Funds will be required from our Donors to have USGS install the recording flow gauge upstream of the juncture of Deep Creek and the Youghiogeny River.

The WBM completion hinges on the ability to evaluate the simple relationship of Water In Minus Water Out Equals change in water level... Easy to say, but gathering the input data will require a precipitation record over the lake recharge area, discharges from Deep Creek and the power plant into the river, and a record of water levels, all retrievable from a digital database.

One of the reasons for partnering with USGS is that they record the data they collect, which is readily available in real-time on the internet.

Our long-term goal is to use the WBM as a basis for a water level management plan. Once the recharge model is incorporated, a predictive capability will afford the Water Appropriation Permit's ability to equitably allocate the water that comes into Deep Creek Lake.

While the Deep Creek watershed has been blessed with abundant rainfall in recent years, a dry summer will happen. A water level management plan containing provisions for equitable water allocation when and if a shortage occurs will avoid contention between the stakeholders for the resource. A robust water budget model will afford the predictive ability needed to plan for times of low precipitation. For example, Lake Management can inform the lake users that water levels around docks will be lower than normal. The Whitewater Rafting Community can accommodate their release schedules appropriately to the available supply. Fisheries can tailor the Temperature Enhancement

Releases to fit the available supply. The power plant will be able to plan in advance how much power it can produce and when.

**The completed Water Budget Model will make it possible to manage how the lake waters are used to benefit all stakeholders.**

Morgan France, Director of Projects

## NEW DCWF PROJECTS PROPOSED FOR 2023

\*The Deep Creek Watershed Foundation will partner with the Deep Creek Lake Policy and Review Board Regulations Committee, the Property Owners' Association, and several members of the Department of Natural Resources including the Lake Manager to examine existing State Legislation pertaining to the importance of cleaning boats and other vessels prior to their introduction into State Lakes' waters.

This will be a long term and thorough effort to examine other states' requirements to glean the best practices for consideration by the Maryland Legislature for creation of new law or modification and updating of existing law. This may also serve as the centerpiece of a comprehensive Aquatic Invasive Species Preventive Program for the State.

\*The Tributary Study of over 20 tributaries that flow into DCL was completed this year. Over the remainder of the Fall and into the Winter, the report will be examined to



identify those tributaries that are in some way impaired. We will then design projects to attempt to mediate the problems identified that cause impairment. See the report on our website at Projects.

\*We would like to create a map showing the loss of shoreline over time from the flooding of Deep Creek Lake. The data for the map can be sourced from aerial photography taken by the Department of Agriculture.

\*The Deep Creek Watershed Foundation is in initial discussions with Garrett County Leadership concerning a partnership to develop a park in the Deep Creek Watershed likely with other organizations assisting in this project.

## VIRTUAL BRUNCH AND LEARN:

The Deep Creek Watershed Foundation is pleased to offer the 2022/2023 Virtual Brunch and Learn Educational Series, facilitated by University of

Maryland Extension in Garrett County. Each session will begin at 10am and is





free and open to anyone that is interested in learning more about Deep Creek Lake and surrounding watersheds. Registration is required prior to each event so look for upcoming information.

#### UPCOMING SESSIONS:

- **Submerged Aquatic Vegetation** (January 18th): Julie Bortz with Maryland Department of Natural Resources (DNR) will introduce Submerged Aquatic Vegetation (SAV) biology and the importance to lake ecosystems. [Register Here](#)

#### PRIOR PRESENTATIONS:

These presentations are on [University of Maryland YouTube Site](#):

- Forestry Applications of sUAS (Drones) in Garrett County (September 28<sup>th</sup>)
- Watershed Update from the Deep Creek Administrative Council (June 22<sup>nd</sup>)
- Function and Maintenance of your Sewage Disposal System (May 25<sup>th</sup>)
- Fisheries Management on Deep Creek Lake (March 24<sup>th</sup>)
- The Deep Creek Watershed Foundation Brunch & Learn 2021: Session 2- Lake Management, Shoreline Erosion, Buffer Strip Information, and Dock Do and Don't
- The Deep Creek Watershed Foundation Brunch & Learn: Session 1 - What organizations represent Deep Creek Lake's Stakeholders and who governs the lake?

Additional Videos on the Deep Creek Watershed Foundation, Mission and Projects can be reviewed on the [Deep Creek Watershed Foundation Web Site](#).lake?

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**The Deep Creek Watershed Foundation works every month, year-round, and your tax deductible gift can too.** For as little as \$10 a month, when you become a Sustained Donor as many have done, you can help us keep the lake and the watershed as great as it is now. Our Sustained Donors program allows monthly contribution as an alternative to giving once a year.

You can find details under the "Support Us" tab on our webpage ([www.deepcreekwatershedfoundation.org](http://www.deepcreekwatershedfoundation.org)).

There you will see the Sustained Donor levels:

Bronze is \$10 a month  
Silver is \$20 a month  
Gold is \$50 a month  
Platinum is \$75 a month  
Diamond is \$100 a month

Elite is \$150 a month

Whatever level you choose, We Thank You!

## Follow and "Like" us on Facebook

Our Facebook page features our marvelous videos and other important projects and events in which we are involved.

You can also donate through our page.

[Click here to Follow us on Facebook!](#)

## Learn About our Projects on the DCWF Website



Our Board members have been talking with HOAs in the watershed and other groups about the work of the Foundation, and asking about projects that the Foundation might consider funding. If you have a group that wants us to visit and present our information, and have us hear your suggestions for watershed projects we might fund in the future, please let us know by contacting [Morgan France](#).

## Our Funding & How We Choose Our Projects

Each of our projects is chosen in accord with the recommendations of the Deep Creek Watershed Plan. The Plan can be found at [www.garrettcountry.org/watershed/dcwmp](http://www.garrettcountry.org/watershed/dcwmp).

Each project is closely examined by the people who make up our Board of Directors, and they make the selection of each project for funding. Each member of our Board of Directors, and each of our advisors, is a volunteer who has a strong connection to the Deep Creek Watershed. Their varied backgrounds and expertise make the Board of Directors and the advisors a highly effective organization for funding projects in the Deep Creek Watershed. The Board members and advisors are all profiled in our website, [www.deepcreekwatershedfoundation.org](http://www.deepcreekwatershedfoundation.org).

Our investments in these and future projects are possible because of the generous, tax deductible gifts we get from those of you around Deep Creek Lake, throughout the Deep Creek Watershed and beyond.

Your contribution to the Foundation now at [www.deepcreekwatershedfoundation.org](http://www.deepcreekwatershedfoundation.org) will be a great investment in the terrific private-public water quality monitoring effort and the other projects funded by the Foundation.

**Please consider a tax deductible contribution to support these important activities.**

[Click here to donate.](#)

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