



FRIENDS OF
RADNOR LAKE

PROTECT | PRESERVE | PROMOTE

Reflections

Fall 2017



2017 Environmental Awards

Recognizing those who go above and beyond for Radnor Lake

Sustainable Practices at Radnor

Learn about updates at Radnor Lake that reduce energy use and costs

The Harris Ridge Trail Project Needs You!

Friends of Radnor Lake is in the final stretch of raising \$1 million to add 34 valuable acres to Radnor Lake Natural Area.

Biennial Art Show & Sale – Nov. 3-5

Take home a unique work of art to support Friends of Radnor Lake in partnership with The Chestnut Group

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From the Board President



Friends, Supporters and Contributors:

Spectacular things are happening at Radnor Lake.

Chief among these is we are closing in on acquiring **34 acres** that will provide a new trailhead, parking, and three miles of dramatic new trails to the lake. There will be spectacular views of the City of Brentwood, rare plant species and tall stands of Chestnut Oak and Poplar. We affectionately refer to this new acquisition as "Harris III."

This dream started 14 years ago. Thanks to our partners, donors, the Harris family and the State of Tennessee, this final jewel will complement Harris I and Harris II for a total of 83 acres. Thanks to all our many generous supporters, we are less than \$100,000 from our goal of raising \$1 million. The closing of this property is in sight.

Beginning Nov. 3 and continuing for the weekend is our "Love the Lake, Love the Land" art sale event. The fantastic and generous artists of the Chestnut Group have been seen around the park all seasons, painting everything from the solar eclipse to blue herons to the reflection of the fall moon on the water landscapes. You owe it to yourselves to stop by and buy one of these fantastic, one-of-a-kind, original pieces.

We are coming into the fabulous fall season when there will be a kaleidoscope of colors along each hillside and mirrored in our lake. Our popularity and attendance have never been higher, yet the tireless ranger staff continues its professional management, all geared to give you the best natural experience — available nowhere else.

Thanks again to everyone who has made a gift of money, time and well-wishes. Things have never been better at Radnor Lake!

See you on the trail.

Paul Buchanan, President
Friends of Radnor Lake



Chestnut Artists and Ranger Paul Schafer enjoy a front-row seat at Radnor Lake for viewing the solar eclipse.

Photo by Kim Barrick

Love the LAKE, Love the LAND...

ART SHOW & SALE TO BENEFIT RADNOR LAKE

NOVEMBER 3-5

Walter Criley Visitor Center at Radnor Lake

Soulmates, 12x24," oil on canvas, Kim Barrick

During a walk at Radnor, you may have spotted a plein air artist painting a beautiful scene of Radnor Lake. These artists are members of The Chestnut Group, a nonprofit organization dedicated to preserving areas like Radnor Lake. Painting "en plein air" means painting in fresh air, capturing the light, the experience, and the feeling of a scene quickly on canvas and preserving it for the future. The process is fascinating to watch, and you have the opportunity to purchase one of these one-of-a-kind pieces of artwork at the Art Show & Sale. Additionally, the Chestnut artists have added beautiful paintings of Radnor wildlife to the collection. Proceeds from the event support Friends of Radnor Lake's mission to protect, preserve and promote Radnor Lake State Natural Area.

Thanks to our neighbor, Strong Tower Bible Church, free parking and shuttle service will be available Saturday and Sunday. Details at RadnorLake.org



Chestnut Group artist paints on the trails at Radnor Lake.



Balancing Act, 24x24, oil on linen,
Marjorie Hicks



Autumn thru the Otter Creek Edge, 11x14,
oil on canvas, Judson Newbern



Sunning at Radnor Lake, 9x12, oil on panel,
Dennis Harris

THANK YOU TO OUR SPONSORS



NISSAN



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2017 Environmental Awards



Representing the State of Tennessee in acceptance of the Environmental award: Commissioner Bob Martineau, Deputy Commissioner Brock Hill, Speaker Beth Harwell

Environmental Award

Given to an individual or group who have demonstrated exceptional leadership and made notable contributions in conserving Radnor Lake's precious resources.

The State of Tennessee was recognized for its leadership and notable contribution to land preservation and support at Radnor Lake. Over the last seven years, with invaluable assistance from the State at all levels, over 150 view shed and water shed acres have been added to the natural area and protected from development forever.



Representatives of the Tennessee Heritage Conservation Trust Fund Board of Trustees; Bill Avant, Drew Goddard, Anne Davis and Anne Marshall, were joined by Steve Ward, Charlie Wray and Paul Buchanan

Partnership Award

Given to an individual or group that has shown exceptional support for Radnor Lake.

In September 2005, the Tennessee Heritage Conservation Trust Fund Act was signed into law. The Fund provides a mechanism for the state to work with other public and private partners for the preservation and protection of priority tracts across Tennessee. Over the last 10 years, the Heritage Trust Board of Trustees has partnered with Friends of Radnor Lake to help fund and preserve valuable land surrounding Radnor Lake.



Nan Adams - Blue Heron Award.

Blue Heron Award

This very special distinction is given to recognize the highest level of support and leadership toward preserving the natural area.

Nan Adams was recognized with the Blue Heron Award. A board member for 10 years and past president, Nan has been tireless in her support and leadership of Friends of Radnor Lake. The impact of her dedication to the betterment of Radnor Lake and focus on land acquisition will be enjoyed for generations to come.



State employees, each of whom has been a part of the Radnor success, are joined by Park Manager Steve Ward and FORL President Paul Buchanan.

All photos by Robin Conover

Harris Ridge Trail Project

Final 34 of 89-acre acquisition almost there!

\$65,000 to go!
Matching Grant Deadline: 12/31/2017

The end is in sight! In 2015, FORL committed to raise \$1 million to acquire the final 34 acres of the Harris Ridge Trail Project. The 6-year, \$4 million, 89-acre project began in 2010. Thanks to so many dedicated supporters of Radnor Lake, we are in the final stretch of fundraising and securing this incredible addition to the Natural Area. For all who enjoy Radnor Lake for hiking or its beautiful, preserved land that enhances the community, now is the time to provide for Radnor's future.

Your donation today will make a lasting difference.



Help Us Purchase 34 Acres of Land

The Harris Ridge Trail Project
creates opportunity for new access
from Franklin Road plus:



**Three more
miles of trail**



**Additional Parking
and Restrooms**



Be a part of Radnor Lake's future.

\$200,000 Match Challenge for 2017

Donate today and double your donation.

Radnorlake.org



RADNOR LAKE
State Natural Area

Steve Ward
Park Manager

Matthew Bowling
Park Ranger

Dustin Crowell
Park Ranger

Will Peter
Park Ranger

Paul Schauer
Park Ranger

Teshia Steuben
Ranger

Taylor Smith
Ranger Aide

Laurie Campbell
Seasonal Interpreter

Lyndy Maness
Secretary

Radnor Lake State Park & Natural Area

1160 Otter Creek Road
Nashville, TN 37220
(615) 373-3467

Park Hours:
6 a.m. until dark

For more information on:

Walter Criley
Visitor Center

Barbara J. Mapp Aviary
Education Center

**Event Schedule
and Updates**

**Volunteer
Opportunities**

Please visit
RadnorLake.org

Sustainable Practices at Radnor Lake

By Christopher Pianta, PEM, Office of Sustainable Practices, Tennessee Department of Environment and Conservation.

The Office of Sustainable Practices has played a vital role in ensuring the most sustainable operations at Radnor Lake State Park over the past couple of years. Through funding from the Clean Tennessee Energy Grant, Radnor Lake was able to complete several energy upgrades including LED lighting, insulation, windows, and doors.



Among upgrades that provided instant savings for the park are the LED lighting retrofits installed in the maintenance shed, restrooms, and visitors center. LED lights use significantly less wattage to produce the same light output and have a longer lifetime lasting between 10 to 15 years. This extended life helps reduce maintenance costs and allows maintenance staff to work on other park projects.

211,206 kWh
of electricity
\$25,414



Fiscal year 2014

80,826 kWh
of electricity
\$13,266



Fiscal year 2017

over 60%
reduction in energy usage



nearly 50%
reduction in energy costs



To date, the new upgrades have shown a significant reduction in energy usage and costs. In fiscal year 2014, prior to any projects being completed, the park used 211,206 kWh of electricity at a cost of \$25,414. In fiscal year 2017, following the completion of most of the upgrades, the park's electricity usage had decreased to 80,826 kWh, and costs had been reduced to \$13,266. These improvements have cut energy usage by over 60% and have cut energy costs almost in half.



The park has focused on improving the building envelopes of several of their structures to make them more energy efficient by installing insulation, windows, and doors.

Spray foam insulation was installed in three of the ranger residences as well as the education center and the maintenance shop. This will help maintain temperatures better inside the buildings during the harsh winter and summer months.

Double-pane, argon-filled windows were installed at the visitor center to help reduce energy loss. The new windows provide an extra layer of insulation compared to the original single-pane glass and provide thermal resistance to the outside temperatures.

Special insulated doors were purchased for the East Parking Area Restrooms. The doors are made by CECO, a company based out of Milan, TN, that specializes in energy efficient steel doors that are made from 57 percent recycled materials.

Wood-burning stoves have been placed in the Education Center and also in the maintenance shed. These EPA-certified stoves meet the stringent air requirements and are one of the cleanest on the market at 1.9g per hour of particulate. The stoves have replaced old inefficient electric heaters and have zero operating costs due to the unlimited supply of wood within the park.

With total annual savings estimated between \$20,000 and \$25,000, these projects will have paid for themselves in less than six years.

Radnor Lake is continuing to research other ways to help reduce their impact on the environment. Starting this fall, they will use two electric mowers to maintain the grassed areas throughout the park. These mowers have several advantages, including zero harmful emissions and reduced noise levels. Therefore, not only will the air at Radnor be cleaner, but it will be a lot quieter for both the residents and visitors to enjoy the park. The new mowers will also save thousands of dollars annually by significantly reducing mowing costs within the park.

The Clean Tennessee Energy Grant has funded approximately \$130,000 in energy projects at Radnor Lake. With total annual savings estimated between \$20,000 and \$25,000, these projects will have paid for themselves in less than six years.

National Public Lands Day 2017



Nissan Green Team Volunteers support National Public Lands Day at Radnor Lake.



Photos by Dustin Crowell

Special thanks to Nissan for generous support of the Radnor Volunteer program and the cool new Radnor Volunteer t-shirts.


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(615) 251-1471
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www.radnorlake.org

Our Mission: To protect, preserve and promote the natural integrity of Radnor Lake through land acquisition, environmental education and park support.

Friends of Radnor Lake was founded in 1971 when the lake and surrounding hills were threatened by residential development. As the Tennessee State Parks system's oldest and most successful nonprofit support group, FORL has purchased critical properties and supported protection efforts in many other ways.

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GO THE EXTRA MILE FOR RADNOR LAKE!

Show your support with a specialty license plate.



Since 2004, Friends of Radnor Lake has raised **more than \$500,000** through the specialty plate program.

These funds are used to acquire land and preserve the natural integrity of Radnor Lake.

**Available to ALL Tennessee residents
at county clerk offices across the state.**