WOOD-PAWCATUCK
WATERSHED ASSOCIATION

2017 ANNUAL REPORT
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Published May 2018

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Dear Members,

This year I celebrate a decade of leadership of your fine conservation organization. It is you our members who inspire me each and every day to continue to strive for excellence in all the work we do together to protect the beautiful resource that is the Wood Pawcatuck Watershed. In 2017 WPWA continued to grow in its mission fulfillment from top to bottom.

We completed a major multi-year collaborative initiative thanks to the hard work of WPWA and its partners along with needed funding from The National Fish and Wildlife Foundation. The Pawcatuck River Flood Resiliency & Management Plan brought together all the constituents from Rhode Island and Connecticut to develop a unified strategy to prepare and protect against future flooding. This plan was developed as a multi-faceted approach to ensuring both the health of the watershed and protection for developed area. This plan now serves as the penultimate guiding document for the municipalities and states to use in updating their comprehensive and emergency management plans and elevates their standing to receive grant funding to improve flood resiliency and riverine habitat.

In addition, WPWA continued to charge ahead in compiling the Wild & Scenic Stewardship Plan authorized by the US Congress in late 2014. This process was first taken up in the early 1980's by WPWA but later laid dormant for decades. It was revived in 2013 at the urging of our conservation partners and program coordinator Denise Poyer jumped at the chance to take the lead on this prestigious designation from National Park Service. Today she often asks “What was I thinking?”

Simply put, she wasn't. It was her love and devotion to the natural resources of the Wood Pawcatuck Watershed that drove her to take up the challenge. Denise has risen to the occasion and has invested every ounce of her knowledge and passion into this crown jewel of her career. Her hard work is paying off and we expect Congress will accept the selected rivers into the Wild & Scenic Rivers system in late 2018. Sadly, the congressional passage will likely mark the end of Denise's career and her steadfast watershed contributions will be sorely missed by all. We will wish her well as she enters retirement and finally has time to fully enjoy the blessings of her grandchildren and more time hiking with her husband Ed.

Most Sincerely,

Chris Fox
During 2017 the WPWA board continued rethinking and restructuring the organizational model WPWA operates within. Core functions of mission accomplishment continue to be water quality monitoring, educational programming, and outreach to local municipalities. Critical need for success continues to be fiscal sustainability.

During 2017 membership opportunities continued to be refined to provide an expanded benefit package to our members, with particular focus on drawing them to use watershed resources by making facilities and accessories, such as the WPWA fleet of kayaks and canoes, available for use. 2018 sees the addition of paddleboards for member use.

Business membership has been redefined, and a business membership campaign designed to provide support for WPWA water quality monitoring efforts was kicked off. In 2017 four businesses joined in support of water quality monitoring—Grey Sail Brewing, The Malted Barley, Cunningham Associates, and Fuss & O’Neill Engineering. The enthusiasm of this core group of business supporters is invigorating.

Our goal for 2018 is to bring on six new business members, which will provide complete support of 2018 water quality monitoring stations. We will be working with our new business members to improve our business membership package so that we can effectively interest further expansion while ensuring that we keep existing business supporters for the long-term.

Today’s environment is encapsulated in new mechanisms for communications—Facebook, Twitter, Instagram, YouTube, Flickr, Yelp, Google—to list only a very few. To effectively communicate with existing members, and to reach out to audiences that have potential members, we need to know how to broadcast on the wavelengths they monitor, and we need to speak their language and be able to catch their attention.

To improve communications effectiveness, the board is actively seeking to expand its membership with a younger demographic. We have been successful in attracting some younger, highly energized board members who have already provided incredible insight and vigor into the process of directing WPWA’s future—Ian Willets, Jon Waldstein and Matt Dowling. A focus for 2018 will be continued development of the WPWA board with the enthusiasm of a younger generation.

WPWA is entering a very exciting time in its history. Wild and Scenic status is nearly at our doorstep and we are hopeful that delivery is a success. We have dedicated, capable staff whom effectively and efficiently manage WPWA’s operations. Businesses are becoming partners in supporting better understanding of watershed resources through monitoring. The board is expanding its abilities to understand and reach out to individuals and families that have the most to gain from continuing stewardship of watershed resources.

I thank members of the board for their dedication, enthusiasm, willingness to work hard for WPWA, and to WPWA staff who consistently go above and beyond the call of duty in all that they do.

And I of course thank you, our members, for your continuing support of the WPWA mission to be the leading steward of the resources of the Wood-Pawcatuck watershed.

I encourage any and all that may be interested in serving on the WPWA board, committee, or in another volunteer capacity, to contact me. I would love nothing more than to have a conversation with you about WPWA.

Alan Desbonnet, President
Dear Friends of WPWA,

Sadly, WPWA emeritus board member and outstanding contributor, Dr. Saul B. Saila, passed away on December 10th 2017 in Vallejo, California at the age of 94, his wife, Jennifer, by his side. Saul had a long and distinguished career as a professor at the URI Graduate School of Oceanography. One of his proudest accomplishments was that he advised and enabled more graduate students than any other professor at URI.

Saul’s extraordinary mind, quick wit, gentle humor, and eclectic interests will be sorely missed by all who knew him. Years ago, former WPWA executive director Lori Urso created the Saul B. Saila Endowment at the Rhode Island Foundation to honor this great man. Proceeds from the fund are used to support education at WPWA.

After his retirement from teaching in 1988 Saul continued to pursue scientific research as WPWA Science Advisor for over 30 years. Saul was keenly interested in quantifying brook trout habitat and developed several projects with WPWA. With his amazing capacity for statistical analysis he was able to use a neural network program to extrapolate factors that contribute to ideal brook trout habitat.

Thanks to Saul’s projects, WPWA was able to purchase an electro backpack fish shocker which is still being used today by middle and high school students to sample fish. Talk about making science fun! His work also allowed WPWA to be instrumental in developing a volunteer fish monitoring program for urban watersheds.

Saul authored six scientific papers under WPWA’s banner. Funding obtained to conduct these studies allowed us to hire several interns during Saul’s tenure. Ever the educator, Saul made sure to include WPWA interns in all aspects of the studies and credit them on the published papers. It was an incredible experience to be able to work beside someone who could describe neural networks in one breath and patiently explain the difference between a blue gill and a pumpkin seed fish in another. Saul treated everyone as an equal out in the field. All who worked with Saul came away with a better understanding of the scientific process and a little bit of his awe for the natural world.

In addition to all the volunteer work that Saul did for WPWA, both on the board of trustees and in the field, Saul was also instrumental in recruiting our current Executive Director, Chris Fox. For years Chris had worked for Saul outside of WPWA when the position became available. Saul and emeriti director Urso encouraged Chris to apply, recognizing his potential to manage the historic Pawcatuck River Fish Passage Projects that have since garnered WPWA national and international notoriety.

The world is a slightly less colorful place now in the absence of this great man.
ACCOMPLISHMENTS

COOL, CLEAN ABUNDANT WATER

WATER QUALITY AND QUANTITY

Flood Resiliency Management Plan – WPWA completed the Wood-Pawcatuck Watershed Flood Resiliency Management Plan in August. WPWA worked cooperatively with many project partners including the watershed municipalities, the Rhode Island Department of Environmental Management, the Rhode Island Coastal Resource Management Council, the RI Emergency Management Agency, the Connecticut Department of Energy and Environmental Protection, the United States Geological Survey, and the Army Corp of Engineers to develop a flood and storm resiliency watershed-based management plan for the Wood and Pawcatuck Rivers. Much of the flooding and erosion in the watershed and its root causes—floodplain development, stream corridor modifications, and impervious cover—have also impacted water quality and fish and wildlife species and habitat. Mitigation of flooding and erosion through strengthening natural ecosystems will also benefit the overall ecological health of the watershed.

The project’s objectives are to: (1) assess the vulnerability of the watershed to the growing risks from flooding and associated storm-related threats; and (2) develop a comprehensive, watershed-based management plan that will protect and enhance the resiliency of the watershed communities against future flood damage and improve river and stream ecosystems, including water quality and habitat.

Part of the funding was used to expand WPWA’s water quality monitoring to include collecting specific conductance near the outlet of all ten sub-watersheds. WPWA also had a consultant expand the URI Watershed Watch database to be able to store and analyze the tens of thousands of data points collected from the specific conductance loggers and temperature loggers. This project is expected to be completed in spring of 2018.

This project was funded by a $720,000 grant from the Hurricane Sandy Coastal Resiliency Competitive Grants Program. The engineering firm of Fuss & O’Neill, Inc along with WPWA interns conducted the field assessments and data collection to guide the development of the plan. Four public workshops were held to get comments from the local constituents. The final report includes recommendations for each town, such as replacement or repair of culverts and bridges, creating green infrastructures, or modifying regulations used by town, state, and federal agencies to better enable flood mitigation. The plan was very well received by the towns and state agencies.

Executive Director Chris Fox retrieving a conductivity monitor for downloading and re-deploying.
Temperature Monitoring - The Narragansett Chapter of Trout Unlimited (TU) took the lead on conducting temperature monitoring in ten streams and rivers of the Upper Wood River Watershed. TU volunteers deployed loggers at twenty-six sites that recorded temperature every other hour for three months during June, July, August and September. Due to the very warm, dry weather pattern this year many streams exhibited above normal temperatures. This can cause stress on the aquatic organisms inhabiting these streams. WPWA and TU plan to continue the temperature monitoring program in 2018.

Water Quality Monitoring - WPWA conducted our 30th year of Water Quality Monitoring through the University of Rhode Island’s Cooperative Extension Watershed Watch Program. More than 40 dedicated volunteer citizen scientists monitored 10 ponds & lakes and 16 river & stream sites throughout the watershed. Besides measuring clarity, temperature and dissolved oxygen, monitors collected water samples on a monthly or bimonthly basis to be analyzed for nutrients and bacteria. Many thanks to our partners in this effort: North Stonington Citizen’s Land Alliance, Trout Unlimited Narragansett Chapter, URI Watershed Watch, The Malted Barley, Greysail Brewery, Fuss & O’Neill Inc, and First Allied Financial Services.
## 2017 WPWA Water Quality

### Monitoring Sites: Lakes/Ponds

<table>
<thead>
<tr>
<th>Sampling Site Name</th>
<th>Site Town(s)</th>
<th>Sub-basin</th>
<th>Monitor</th>
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</thead>
<tbody>
<tr>
<td>Alton Pond</td>
<td>Hopkinton/Richmond</td>
<td>Lower Wood</td>
<td>Carol Ann and Mark Baker</td>
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<tr>
<td>Barber Pond</td>
<td>South Kingstown</td>
<td>Usquepaug-Pawcatuck</td>
<td>URI WW students</td>
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<tr>
<td>Boone Lake</td>
<td>Exeter</td>
<td>Upper Wood</td>
<td>Donahue/Zaharie/Sprague</td>
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<td>Chapman Pond</td>
<td>Westerly</td>
<td>Tomaquag-Pawcatuck</td>
<td>Gary Palmer</td>
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<td>Hundred Acre Pond</td>
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<td>Chipuxet-Pawcatuck</td>
<td>Linda Forrester</td>
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<td>Locustville Pond</td>
<td>Hopkinton</td>
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<td>Latimer et al</td>
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<td>Meadowbrook Pond</td>
<td>Richmond</td>
<td>Tomaquag-Pawcatuck</td>
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<td>Spalding Pond</td>
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<td>Virginia Wootten</td>
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<td>Wincheck Pond</td>
<td>Hopkinton</td>
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<td>Deb Luz/Gerri Miceli</td>
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<td>Yawggo Pond</td>
<td>Exeter/South Kingstown</td>
<td>Usquepaug-Pawcatuck</td>
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### Monitoring Sites: Rivers/Streams

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<th>Site Town(s)</th>
<th>Sub-basin</th>
<th>Monitor</th>
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<tbody>
<tr>
<td>Ashaway R @ Rte 216</td>
<td>Hopkinton</td>
<td>Ashaway</td>
<td>Harrison Gatch/Elise Torello</td>
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<tr>
<td>Beaver R @ Rte 138 (#3)</td>
<td>Richmond</td>
<td>Beaver</td>
<td>Tom McCormick</td>
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<tr>
<td>Chickasheen Bk @ Misskiania Trail</td>
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<tr>
<td>Chickasheen Bk @ Rte 2</td>
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<tr>
<td>Chipuxet R @ Rte 138 (Taylor's Landing)</td>
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<td>Falls R @ Step Stone Falls (D)</td>
<td>West Greenwich</td>
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<tr>
<td>Falls R @ Twin Bridges (A) (#2)</td>
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<td>Green Falls @ Rte 184/1.95 Exit 93</td>
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<td>Pawcatuck R - Upstr of Boombridge Rd. bridge</td>
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<td>Pawcatuck R @ Biscuit City Rd</td>
<td>Charlestown/Richmond</td>
<td>Usquepaug-Pawcatuck</td>
<td>Bruce Burns</td>
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## 2017 WPWA Water Quality

### Monitoring Sites: Rivers/Streams, continued

<table>
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<th>Sampling Site Name</th>
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<th>Sub-basin</th>
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<td>Ron &amp; Nathan Guilemette</td>
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<td>Ashaway R &amp; Pendleton Bk</td>
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<td>Bruno Hancock, Sheri Shamblin</td>
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**THRIVING NATIVE PLANTS AND ANIMALS**

**Biodiversity**

**Wild and Scenic Rivers Study** - To promote biodiversity, WPWA has taken the lead on obtaining a federal Wild & Scenic designation for portions of the watershed. This congressional designation will forever bring attention and funding to protect habitat, allowing for the best possible long term biodiversity in the watershed. In order to accomplish the three year study a cooperative agreement was developed between WPWA and the National Parks Service (NPS). Denise Poyer took on the task of Study Coordinator, which involved convening a Study Committee and coordinating the process. The committee consisted of representatives appointed by the towns of Charlestown, Exeter, Hopkinton, Richmond, South Kingstown, North Kingstown, Westerly, and West Greenwich, RI; North Stonington, Sterling, Stonington, and Voluntown CT. It also included representatives from the RI Department of Environmental Management, CT Department of Energy and Environmental Protection, The RI Nature Conservancy, Save The Bay, Audubon Society of RI, and the NPS. The committee documented Outstandingly Remarkable Values for seven rivers in the watershed: Beaver, Chipuxet, Green Fall-Ashaway, Queen-Usquepaugh, Pawcatuck, Shunock and Wood Rivers. At the same time they developed a Stewardship Plan to protect the rivers’ values. During this time the committee also conducted outreach to their towns to keep them abreast of the work and start to develop support for Wild and Scenic designation.

The study will be completed in spring of 2018. The committee will reach out the towns and state agencies for letters of support. They are expected to ask the RI and CT congressional delegates to submit a bill in October 2018 that will amend the National Wild and Scenic Rivers Act to include the seven rivers of the Wood-Pawcatuck Watershed.

**Statewide Climate Resiliency Action Strategy** – In 2017 Rhode Island launched this initiative to address climate change adaption priorities across the state in addition to focusing on climate change mitigation. This work will promote resiliency to the shocks and stressors caused by climate change that affect our wildlife communities and biodiversity. With a statewide approach and a commitment to stakeholder engagement, this work will position Rhode Island as a national leader in resiliency action and lead to a more prepared Ocean State.

More specifically, this work aims to:

1) Create a prioritized strategy based on both the latest literature and the best local knowledge and experience
2) Support and coordinate existing resiliency projects across the state
3) Catalyze new action to meet near-term needs
4) Plan for longer term effects and on-going support of projects

To accomplish this, the RI Infrastructure Bank was charged by the legislature to obtain stakeholder input and compile a strategy report by July 2018. Because of our leadership role within the watershed, WPWA was selected as one of the host organizations for a series or Resiliency Roundtable meetings. The purpose of the meetings was to identify key local shocks and stressors across three “dimensions”; Critical Infrastructure & Environment, Economic Development, and Community Health & Equity. WPWA was pleased to promote this effort within the community and serve as facilitator for the State in gathering the vital information needed to develop the strategy.
HEALTHY SALTWATER ENVIRONMENT (ESTUARY)

Attaining free passage throughout the Pawcatuck River supports a healthy saltwater environment by restoring the natural interactions between the salt and fresh water environments. Now that river herring are free to range throughout the system and have 1300 acres of new grounds in which to spawn, their population will dramatically increase. In addition to supporting the commercial fishing industry, this population growth will provide additional forage for salt and fresh water fish as well as raptors like the bald eagle and wildlife like river otters.

But restoring access to the Pawcatuck River’s headwaters at Worden Pond in S. Kingstown, RI doesn’t mean the work is complete. In 2017, WPWA supported partner organization’s efforts to complete the White Rock Dam removal and begin the replacement of the Bradford Dam with a naturelike fishway. Both will reduce flooding risks while facilitating better passage by migratory fish on their journey to the ponds associated with the Pawcatuck River system. You can expect even more improvements in river connectivity on the Pawcatuck River in 2018.
PLENTIFUL ACCESS TO RECREATION

Opening the Rivers for People Passage - While WPWA prefers to keep the rivers as wild and natural as possible, trees often fall across the full width of the river and present a danger to paddlers. Paddlers can alert WPWA to the presence of these obstructions right on the spot from their smartphones or from the comfort of their homes using WPWA's interactive River Conditions Map. Check out the map and its capabilities here www.wpwa.org/river.php.

Each year WPWA hires a contractor to search out these trees and remove only sections of each tree to allow safe passage in high and low water. Leaving the majority of the tree preserves wildlife habitat, reduces the sun’s warming affect on the water, and encourage “meanders” which are a natural function of a healthy river. Thanks in part to membership dues along with a small grant from the RI Trail Advisory Committee, WPWA removed 26 trees in 2017. That’s a lot less portages for paddlers in the watershed.

Dow Field River Access - WPWA provided technical assistance to the Hope Valley Grange and Community Center toward their ongoing effort to create a formal river access area at the popular Dow Field baseball parks. The ball fields do currently feature a State of RI fishing access point to the river with an informal parking area. But the site could be used by a much wider range of recreationalists and have a lower water quality impact on the Wood River if it were improved. IN 2017 WPWA assisted the Grange volunteers to secure a $100,000 grant and provided technical input toward the development of a permit application to make this project a reality in 2018.
HELPING PEOPLE CARE ABOUT THE WATERSHED
EDUCATION AND OUTREACH

Membership - Membership is the core of WPWA's educational efforts. Our best opportunity to cultivate the current and future stewards of the watershed is through educating our members. We hope you will continue to help spread the word about our new “why buy when you can borrow” membership development initiative. Special thanks to all our members for helping make all the great educational work we do possible.

Education – Twenty-four area schools and youth groups participated in educational programs, which primarily focused on kayaking on the Wood River. Ages ranged from fourth graders to undergraduates from URI who came to learn about macroinvertebrate sampling. The schools were: Chariho ESY program, Chariho Middle School, Compass School, Coventry High School, Wheeler School, Woonsocket Middle School, Met School, and URI. Youth groups included Adventure Camp, John Rollins Recreational Center, Providence After School Program, Roger Williams Park Zoo, Audubon Society of RI, Woonsocket Connects, and Operation Military Kids. A total of 320 kids and young adults took part in twenty-eight WPWA education programs.

Programs – WPWA offered a variety of programs for our members and the general public including a Map and Compass Workshop, Fly Tying and Fly Fishing lessons, Fly Rod Building workshops, a walk with the RI Wildplant Society, a paddle with the Tomaquag Museum, five Bioluminescent Paddles, and several Learn to Paddleboard classes. A total of 136 people took part in one or more programs.

Committee and Board Affiliations:
RI Environmental Education Alliance Board  RI Rivers Council
RI Trail Advisory Committee  Richmond Land Trust Board
Land Trust Healthy Community Meeting  South County Tourism Council
Volunteers

Jay Aaron
Boze & Penny Arnold
Peter V. August
Carol Ann & Mark Baker
Albert & Sandra Ball
Ted & Jo-Ann Bates
Wendy Beck
Clyde Belgrave
Thomas & Kristina Boving
James & Mary Boyer
J. Benjamin Bradley
Ginger Brown
Antonia Bryson
Kenneth Burke
Bruce Burns
John Buscaglia & Susan Shaw
Rachel Calabro
Doug & Susan Carocari
Lawson M. Cary III
Nina Rooks Cast
Jim Cole
James Cummings
Sam Curry
Alan Desbonnet
E. Richard Diamond, Jr.
Joseph DiBrino
Wade A. Diehl
Paul Donahue
Matt Dowling
Sharon Ann Dragon
Cindy Drake
Jon Ericson
Tom Ferrio
Janice H. Fifer
Linda Forrester
Ayla Fox
Walter Galloway
Harrison Gatch
Roger Gibson
Kelsi Goyette
Linda T. Green
Christopher Grube
William Hahn
Bruno Hancock & Sheri Shamblin
Sally Hanson
Tracey Hanson
Douglas Harris
Roy Heaton
Sean Henry
Elizabeth M. Herron
Nancy Hess
Elly Heyder
Bill Hixson
Janet Huntley
Madeline Jeffery
Doug Jones
Maureen Kennelly
Meg Kerr
Diane Laderoute
James Latimer
Raoul Lefebvre
James Leigh
James E. Less
Bruce Loeckler
Deb Luz & Gerri Miceli
Joseph MacAndrew
Jennifer Mackenzie
Paige MacKenzie
Ron Marafioti
Hugh Markey
Vivian Maxson
Maureen McCarthy
Thomas McCormick
William P. McCusker
James McCutcheon
Joseph McElroy
Henry Meyer
Michael Migdail-Smith
Samantha Migdail-Smith
Dennis Migneault
Roger F. Nadeau, Jr.
Sanford Neuschatz
Glen Northup
John O’Brien
Gary Palmer
Margaret Parsons
Peter & Suzanne Paton
Edward Poyer
David Prescott
Brenda Rashleigh, Ph. D.
Irene Rieder
Michael Rinaldi
Emily Santos
Richard Seager
Susan & Geoffrey Sewall
Anne B. Sheffield
David Smith
Catherine Sparks
Joe Spano
Louis Sposato
Becky Spraque & Tony Zaharie
Peter & Virginia Stack
Denise & Peter Stetson
Mary Anne & Jack Sumner
Anne Marie Tavares
Thomas J. Tetzner
Eric Thomas
John A. Topping
Elise Torello
Sue Tremblay
Mark Tucker
Bonnie Turek
James G. Turek
Jeffrey & Teresa Ulricksen
Frederick F. Wagner
Jon Waldstein
Donna P. Walsh
Harry Whaley
Gary Whitney
Nils Wiberg
Ian Willets
Amy Williams
Virginia Wootten
DONATED GOODS & SERVICES

Kristy K Armstrong, CPA Inc.
The Arnold Family
Christopher Beck & Carolyn Ellis, EZ Waste Systems, Inc
Boisclair Building Concepts
Jay Boyer
Paul Drumm, Kenyon Cornmeal Company
First Financial Advisory Services, Cunningham & Associates
Fuss & O’Neill, Inc.
Hallman’s Portable Toilets
The Nutini Family
Richmond Department of Public Works
RI Department of Environmental Management
Shed Light Productions, LLC
Trout Unlimited, Narragansett Chapter
Wilco Development, LLC
Wood River Fly Fishing Club

Standup paddleboard class on the Upper Wood River
**Members**

<table>
<thead>
<tr>
<th>Dragonfly Household $50</th>
<th>Members</th>
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<tbody>
<tr>
<td>Richard &amp; Marcia Albro</td>
<td>Joseph &amp; Marie Fox</td>
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<td>Walter &amp; Hollie Galloway</td>
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<td>Ramon &amp; Ruth Garcia</td>
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<td>Sarah Whalen</td>
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<td>Barbara N. Wheeler</td>
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Members Continued

Michael J. White & Jane A. Desforges
Ann & Walter Wojciechowski
Judith & Stephen Wood
Robert & Karen Woods
David & Debra Zannelli
Etta Zasloff

Dragonfly Individual $35
Elizabeth J. Anderson
Tilo R. Angiolilli
Everett Aubin
Mackenzie Avedisian
Joseph & Donna Baer
Arthur Baldini
Margaret S. Bearn
Steven Miller & Sally Benbasset
Cordalie Benoit
Richard W. Benson
Philip E. Bourque
Denis Bousquet
Pat Breslin
Thomas M. Brusseau
Robert M. Burbank
Claire Y. Card
Marty & George H. Champlin Jr.
Barbara A. Chaves
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Gloria M. Courtois
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Wayland & Donna Currie
Joseph L. Czerwinski Jr.
Eric DeGoosh-DiMarzio
Robin B. Devin
Niall Doherty
Sharon Ann Dragon
Cheryl Falck
John Fisher & Katherine Mullins
Frank Morosky & Denise Pelletier
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Bruce Garstka
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John Genovesi
Katherine M. Gibson
Thomas F. Ginnerty
Lisa L. Gould
Patricia Grande
Caleb & Meghan Grant
Russell & Susan Gray
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Arnold M. Hall
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Mabel S. Hempstead
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Philip Hoffman
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Diane & Charles Laderoute
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Sara A. Panciera
Terrie Pangilinan
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Lola Piekkola
Robert E. Pietrusza
Peter Pinkhover
Nancy A. Potter
Anna F. Prager
Irene Rieder
Roy D. Rushford
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Anne B. Sheffield
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David Smith
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Lt. Col. Louis P. Sposato
Kathryn Taylor
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James G. Turek
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Frederick F. Wagner
Robert Walsh & Mary McGrattan
Edward Walsh
Peggy S. Warner-Crowfield
William Blunt White & Margaret Bindloss White
Gary & Cherine Whitney
Virginia Wootten
Becky Sprague & Tony Zaharie
Members Continued

Trout Household $175
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Edgar & Priscilla Bailey
Ted & Jo-Ann Bates
Eric & Christina Bibler
Martin J. Bide & Nedra Reynolds
John & Lori Bouchard
James & Mary Boyer
Antonia & Thomas Bryson
Dean & Gina Cairone
Andrew & Jane Casella
Craig & Courtney Toscano
Tina DuBosque & Joel Ackerman
Warren A. Fitzpatrick & Christine Kelly
Ana Flores & Gabriel Warren
Christopher J. Fox
Peter & Judy Georg
Jennifer Gillis
Frank & Susan Golet
Linda & Howland Green
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Marion & Dr. Franklin F. Leddy
Merrill & Margaret Moone
Frank & Jayne Nightingale
Christopher & Theresa O’Brien
Suzanne & Peter Paton
Kenneth Payne & Helen Drew
Glenn Place
David & Bridget Prescott
Thurman & Doris Silks
Russell & Kerrie Spencer
James Stahl & Mary Sorrentino
Peter & Lee Stepanishen
Margaret T. Stone
Robert S. Swanson

South County Carpentry, LLC
Richard Taylor
Ted M. Watson Jr.
Amy & Robert Williams
Dan Wood & Amale Andraos

Trout Individual $100
Joellen Anderson
Rocco & Sally Andreozzi
Manfred Armbruster
Kristy K. Armstrong
Norman & Ann Baker
John J. Barney
Gwendolyn Beck
A. Curtis & Linda Berggren
Robert T. Bolton
Julia Bradford & Charles Warner
Steve Casella
Michael & Susan Cerullo
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Marc & Helen Davis
E. Richard Diamond Jr.
Theodore & Mariette Dionne
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Jeannine M. Dougherty
Matt Dowling
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Joseph Fernandes
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Linda & Roger Greenall Jr.
Rhea R. Guertin
John Haik
Ernest & Edna Healey
Nancy Hess
Jennie Hirst
John & Carol Howland
Helen A. Jankoski
Karen & George Jenssen
Joseph & Katherine Kirby
Michael Knauer
Diana J. Kushner
Allen Landel
Harold & Gaythia Langlois
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Locustville Pond Improvement Assn.
John & Rogean Makowski
McQuade’s Ace Hardware
Joseph & Teresa Mellor
Henry Meyer
Sara Michaud
Arthur & Martha Milot
Tim P. Mooney
Stephen & Ruth Morgan
Brian & Barbara Murphy
Kuianna Nelson
Sanford Neuschatz
Gardiner L. Northup
Brian D. O’Connor
Eric Orava
Gail Ornstein
John R. Payne Jr.
Stewart T. Pucci
Paul Raducha
Tim & Kathy Rancourt
RI Canoe & Kayak Association
Sylvia D. Rice
Richmond Veterinary Clinic
Clayton Roffey
Noel Rowe
Janice E. Russell
George J. Sadue
Jennifer Sails
David Salomon & Allison Crump
Todd Schmenk
J. P. Sheerar
Mary Alice Smith
Raymond F. Stachelek
James M. Tackach
George & N. Lynn Thoma
MEMBERS CONTINUED

Laile Thompson  
Thomas W. Twyman  
Chris Vanasse  
Jon Waldstein & Lauren Sposato  
Tammy King Walsh  
Thomas Willett  
Wincheck Pond Property Owners  
Peter Winne  
John M. Woolsey  
Robert & Patricia Yarnall

Otter Household $250
Kraig Conrad & Kevin Prohaska  
Christopher & Lisa Grube  
Gordon Gruetzmacher  
Malcolm & Marilyn Grant  
Carl & Joyce Hagenstein  
Mimi & John Karlsson  
Thomas Malone & Lynne Randall  
Joseph & Elisabeth McLaughlin  
Thomas & Marguerite Moore  
Brenda Rashleigh  
Robert & Elizabeth Schiedler  
Thomas Sculco M.D. &  
Cynthia Sculco, M.D.

Otter Individual $150
Peter & Lynn August  
Albert & Sandra Ball  
Elaine M. Caldarone  
Robert B. Hertling Jr.  
Madeline Jeffery  
United Builders Supply Co., Inc.

Osprey Household $400
Ray & Dara Amore  
Dean & Lisa Audet  
Alan & Charlene Desbonnet  
Tom & Suzanne Ferrio  
Dennis Migneault  
Patrick & Tammy Lyons  
William & Susan Rittling  
Susan R. Rittling  
Thompson & Helen Rowe-Drake

Osprey Individual $300
Francis Hopkins, RN, MBA, CMPE  
Donna P. Walsh

Eagle Household $1000
Laura & Michael Bottaro  
David & Geraldine Cunningham  
Ed & Linda Wood

Business Membership $1000
First Financial Advisory Services, Inc.

Fuss & O’Neill Inc.  
Grey Sail Brewing of RI  
The Malted Barley

Complementary $0
AQAL Therapies Inc  
Representative Jim Langevin

Lifetime $0
Danielle R. Aube  
Conyngham Foundation Agency  
Sarah H. Conyngham  
Barbara Cronan  
Forrest & Frances Lattner Foundation

Heather Hamilton  
Peter & Kay Lisle  
James & Frances Mancini  
Brian & Kathy McCuin  
Hatsy H. Moore  
Maurice V. Orlando  
Denise & Ed Poyer  
John C. Quinn Family  
Carl & Susan Rosen  
Jim & Pam Rubovits  
Geoffrey & Susan Sewall  
Elise Torello & William McCusker  
Lori Urso & Marty Richards  
Joseph R. Zegarzewski

Major Grants and Gifts
by Foundations and Government Agencies

Charitable Foundations:
Forrest & Frances Lattner Foundation: $48,000
Brightman Hill Charitable Foundation: $2,000

Federal Agencies:
National Park Service: $39,040
US Fish & Wildlife Service c/o  
National Fish & Wildlife Foundation: $81,538

State Government:
RI Trail Advisory Committee:  
Urban Youth Paddles and  
River Trail Tree Removal Grant $5,000
Fund Drive Gifts and Individual Donations

2017 Annual Fund Drive
Raymond Amore
Manfred Armbruster
Ashaway Line & Twine Manufacturing
Dean Audet
Joseph Baer
Alan H. Banister
John J. Barney
Richard W. Benson
Joseph Berardy
Hillary R. Bercovici
Barbi Beyer
Robert J. Bohler
Laura J. Bottaro
Julia Bradford
Nina Briggs
Nina Rooks Cast
Fran Danowski Cohen
Peter D. Conopask
Conyngham Foundation Agency
Gloria M. Courtois
Steven J. Crandall
Henry T. Cruciani
Robin Darcy
Alan Desbonnet
Jane A. Desforges
Frank DiZoglio
Ellen E. Dodge
Tim Drury
Virginia Ellis-Doe
Stephan Elman
Wenley S. Ferguson
Ana Flores
Patricia J. Fontes
Donald W. Forsyth
Fuller Family Charitable Trust
Walter Galloway
Linda A. Gardrel
R. Bruce Gillie
Frank C. Golet
Kathryn Grande
Malcolm & Marilyn Grant
Christopher Green
Roger K. Greenall Jr.
Arnold M. Hall
John D. Harvey
Mabel S. Hempstead
Robert B. Hertling Jr.
Jason Hill
Richard & Ardis Holliday
John H. Howland
Helen A. Jankoski
George Jenssen
John & Karin McCormick Foundation, Inc.
Evan Jones
Meg Kerr
Joseph J. Kirby
Peter V. Lacouture
John Lathrop
Warren Liepold
Douglas P. MacPherson
John E. Makowski
Marilyn J. Malina
James R. Mancini
Ronald Marafioti
Bernard Martin
Elisabeth McLaughlin
Elizabeth McNab
Merrill K. Moone
Hatsy H. Moore
David J. Moretti
Stephen Morgan
Carolyn Moulthrop
Roger F. Nadeau, Jr.
Richard W. Nagle Jr.
Sanford Neuschatz
Gardiner L. Northup
James L. O’Brien
Brian D. O’Connor
Deirdre J. O’Connor
Donald J. Packer Esq.
Marlies Parent
John R. Payne Jr.
Donald Pepperd
Sandra M. Poirier
Stewart T. Pucci
Richard B. Quinn
Brenda Rashleigh
Rhode Island Canoe & Kayak Assn.
William Ritting
Alfred P. Rosati
Jim Rubovits
David J. Salomon
Robert J. Schiedler
Thomas P. Sculco M.D.
Geoffrey B. Sewall
Susan A. Shaw
Paul F. Singer
Richard E. Slimak
Robin Springborn
Margaret T. Stone
Kristine A. Stuart
Mary Anne Sumner
Eric M. Taylor
George Thoma
John A. Topping
Thomas W. Twyman
United Builders Supply Co., Inc.
Frederick F. Wagner
David I. Wallis
Donna P. Walsh
Elizabeth B. Walsh
Barbara N. Wheeler

Holiday Gift Memberships
Richard J. Albro
Steve Casella
Robert Cruso
Raoul Lefebvre
Joseph MacAndrew (2)
Irene Rieder
Thompson Rowe-Drake
Edward Walsh
Ted M. Watson Jr.

In Memory
David J. Salomon

Donations
Joellen Anderson
Norman Baker
Cordalie Benoit
Harvey C. DeMovick
Joseph & Marie Fox
William McCusker
Dennis Migneault
Partner Agencies and Organizations

Appalachian Mountain Club
Aquatic Resource Education Center (RIDEM)
American Rivers
Avalonia Land Conservancy
Charlton Middle School
CT Dept. of Energy & Environmental Protection
Coventry High School
Curtis Corner Middle School (SK)
ecoRI
Federal Emergency Management Agency
The Friends of the Hopkinton Land Trust
Gateway Health Center, Youth Programs
HopArts
Hopkinton Conservation Commission
Hopkinton Historical Association
Hopkinton Land Trust
Kenyon Industries
Kenyon Grist Mill
MA Dept. of Environmental Protection
Narragansett Bay Estuary Program
Narrow River Preservation Association
National Fish & Wildlife Foundation
National Park Service
National Oceanographic & Atmospheric Adm.
The Nature Conservancy of RI and CT
Norman Bird Sanctuary
RI Blueways Alliance
RI Canoe and Kayak Association
RI Coastal Resources Management Council
RI DEM, Various Divisions
RI Emergency Management Agency
RI Envirothon Competition
RI Land and Water Partnership
RI Land Trust Council
RI Resource Conservation & Development
RI Resource Recovery Corporation
RI Trail Advisory Committee
RI Environmental Education Association
RI Natural History Survey
RI NEMO Program

RI Rivers Council
RI Salt Water Anglers Association
RI Sea Grant
Richmond Conservation Commission
Richmond Rural Preservation Land Trust
Roger Williams Park Zoo
RYSE School
Safari RI
Salt Ponds Coalition
Save The Bay
South County Tourism Council
South Kingstown Land Trust
Southern New England Paddlers
Southern RI Conservation District
Tomaquag Museum
Town of Charlestown
Town of Hopkinton
Town of North Stonington
Town of Richmond
Town of Exeter
Town of Stonington
Town of Westerly
Town of West Greenwich
Trout Unlimited Narragansett Chapter
United Fly Tyers of RI
University of Rhode Island
URI Coastal Institute
URI Cooperative Extension Service
URI Watershed Watch
US Army Corps of Engineers
US Department of Agriculture, Natural Resource
Conservation Service
US Fish and Wildlife Service
US Geological Survey
US EPA, Region 1
Watershed Counts
Westerly Land Trust
Wheeler Middle School, N Stonington, CT
Wood River Fly Fishing Club
Woonasquatucket River Watershed Council
Dear WPWA Members,

The 2017 year-end financial reconciliation is shown on the following page.

Your organization continues to transition from the years of administering large grants for watershed-wide projects. This has meant adapting to lower financial coverage from grants, for administrative expenses. At the start of the year we anticipated an operating deficit of $40,000. Through the excellent cost management of our Executive Director, Chris Fox, and improved fundraising results we were able to achieve a small operating surplus. This allowed us to maintain our financial reserves.

Continuing our actions in 2016, the board reviewed our list of water quality monitoring sites and trimmed a number of sites while retaining monitoring coverage of all watershed sub-basins. The Board also created a business membership initiative to sponsor specific water monitoring sites. This has shown some initial success and we will concentrate on acquiring more business memberships in 2018.

For 2018, the development of the Wild and Scenic Rivers designation is our only large project grant. If this is approved by Congress in late 2018 it will provide important long-term funds for the maintenance and protection of the watershed.

The Board extends its thanks to the WPWA controller Ms. Kristy Armstrong, CPA, for the care she has taken in tracking our finances and the diligence she has shown in keeping the Treasurer, Executive Director, and Board informed of our financial position at all times. Thanks also go to the staff of the WPWA for their excellent work in keeping program costs down while serving the watershed and membership and working within the budget your Board established for the organization.

Respectfully submitted,

Tom Ferrio,
Treasurer
## 2017 Financial Statement

### Income

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Actual</th>
<th>Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>4010</td>
<td>Donations</td>
<td>27,096</td>
<td>39,845</td>
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<tr>
<td>4300</td>
<td>Gain (loss) on Securities</td>
<td>2,070</td>
<td>0</td>
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<tr>
<td>4400</td>
<td>Grants</td>
<td>173,679</td>
<td>176,500</td>
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<tr>
<td>4480</td>
<td>Indirect Public Support</td>
<td>294</td>
<td>100</td>
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<tr>
<td>4700</td>
<td>Interest and Dividends</td>
<td>21,850</td>
<td>8,500</td>
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<tr>
<td>4800</td>
<td>Investment/Endowment Revenue</td>
<td>2,178</td>
<td>0</td>
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<tr>
<td>4900</td>
<td>Membership Dues</td>
<td>34,130</td>
<td>34,385</td>
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<tr>
<td>5000</td>
<td>Program Fees</td>
<td>4,399</td>
<td>4,200</td>
</tr>
<tr>
<td>5200</td>
<td>Sales</td>
<td>764</td>
<td>400</td>
</tr>
<tr>
<td>5500</td>
<td>Special Project Revenues</td>
<td>7</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td><strong>Total Income</strong></td>
<td>266,466</td>
<td>263,930</td>
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</tbody>
</table>

### Expenses

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Actual</th>
<th>Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>7000</td>
<td>Administration</td>
<td>52,920</td>
<td>62,214</td>
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<tr>
<td>7105</td>
<td>Endowment Management Fee</td>
<td>857</td>
<td>0</td>
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<td>7400</td>
<td>Educational Programs</td>
<td>208</td>
<td>275</td>
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<td>7500</td>
<td>Fund Raising</td>
<td>0</td>
<td>4,300</td>
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<tr>
<td>7600</td>
<td>Grant Expenses</td>
<td>97,471</td>
<td>141,500</td>
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<tr>
<td>7700</td>
<td>Membership and Volunteers</td>
<td>4,346</td>
<td>2,700</td>
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<tr>
<td>7760</td>
<td>Outreach Expenses</td>
<td>17</td>
<td>0</td>
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<tr>
<td>7800</td>
<td>Payroll and Benefits</td>
<td>85,257</td>
<td>80,004</td>
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<tr>
<td>7900</td>
<td>Recreational Programs</td>
<td>582</td>
<td>850</td>
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<tr>
<td>7995</td>
<td>Scientific Monitoring</td>
<td>18,533</td>
<td>12,550</td>
</tr>
<tr>
<td>9700</td>
<td>Foreign Taxes on Investments</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total Expenses</strong></td>
<td>260,198</td>
<td>304,393</td>
</tr>
</tbody>
</table>

### Net Income/(Loss)

- **Net Income/(Loss)**: 6,268 (40,463)
- **4310 Unrealized Gains/Losses**: 4,561
- **Accounts Receivable**: 0
- **Accounts Payable**: 2,314
- **Total Funds Increase/(Decrease)**: 8,515