

# watermark

Published by Laudholm Trust in support of Wells National Estuarine Research Reserve



## inside

- Up Front
- Looking Ahead
- Resilience Dialogues
- Better Safe Than Sorry
- Land Protection
- Old Orchard
- Bunnies & Whales
- FY2018 Financials

## Carrying Salt Marsh Data Forward

Once a year, a reserve scientist carries a balance beam, a quiver of fiberglass rods, and a special frame out to the salt marsh to make a precise series of measurements. Lately, it's been Jacob Aman out there hauling the gear and collecting the data. He's using what's called a surface elevation table (SET).

The balance beam (really a hip-wide platform making a bridge between two low stools) keeps Jake from disturbing his study site, a preselected point in the salt marsh with a fixed post marking the spot. Years ago, that post was driven into the mud, through several meters of peat, and firmly against the bedrock below, establishing an immobile benchmark for future measurements. Jake mounts the SET frame, positions it just so, and begins sliding rods (pins) downward until they touch the marsh surface. He makes readings with millimeter precision.

The same thing happens at the three other New England reserves — Great Bay, Waquoit Bay, and Narragansett Bay — as

scientists follow standard protocols for long-term tracking of salt marsh elevations.

The SET figures, combined with similarly robust monitoring of vegetation, nutrients, water quality, and weather, put research reserves on the map as vital sources of coastal data. With these ongoing programs, New England reserves can form the foundation for "Sentinel Site Cooperatives," places where the National Oceanic and Atmospheric Administration focuses efforts to study and address the effects of sea-level change and salt marsh migration on coastal communities.

Consistent approaches to salt marsh surveys also means multiple reserves can more easily compare and pool their data.

*continued on page 4*

---

*Jacob Aman measures surface elevation in the Webhannet River salt marsh.*

# watermark

A newsletter for members of  
Laudholm Trust and supporters of  
the Wells National Estuarine  
Research Reserve

## Laudholm Trust

207-646-4521 fax 646-2930

### Nik Charov, Trust President

ext 144 nik@laudholm.org

### Tracy Kay, Operations Director

ext 127 trust@laudholm.org

### Scott Richardson, Communications Director

ext 114 editor@laudholm.org

### Karen Stathoplos, Membership Coordinator

ext 140 karen@laudholm.org

## Wells Reserve

207-646-1555 fax 646-2930

### Paul Dest, Executive Director

ext 124 dest@wellsnerr.org

### Jacob Aman, Project Manager

ext 112 jacobaman@wellsnerr.org

### Caryn Beiter, Program Coordinator

ext 110 caryn@wellsnerr.org

### Sue Bickford, M.S.,

Stewardship Coordinator

ext 120 suebickford@wellsnerr.org

### Annie Cox, M.A., Coastal Training

Coordinator

ext 157 acox@wellsnerr.org

### Chris Feurt, Ph.D., Coastal Training Director

ext 111 cfeurt@wellsnerr.org

### Michelle Furbeck, Research Assistant

ext 105 mfurbeck@une.edu

### Jason Goldstein, Ph.D., Research Director

ext 136 jgoldstein@wellsnerr.org

### Linda Littlefield Grenfell, Environmental

Educator

ext 128 linda@wellsnerr.org

### Suzanne Kahn, M.S., Education Director

ext 116 suzanne@wellsnerr.org

### Jeremy Miller, Research Associate

ext 122 jmiller@wellsnerr.org

### Scott Rocray, CPA, Accounting

ext 123 srocray@wellsnerr.org

### John Speight, Facility Manager

ext 131 johns@wellsnerr.org

### Lynne Benoit Vachon, M.A.,

Volunteer Programs & Visitor Services

ext 118 lynne@wellsnerr.org

## Maine Sea Grant

### Kristen Grant, M.A., Extension Agent

ext 115 kngrant@maine.edu

#### The paper in this newsletter:

- Contains FSC certified 100% post-consumer fiber
- Is certified EcoLogo, Processed Chlorine Free, and FSC Recycled
- Is manufactured using biogas energy

# upfront

## Webhannet Marsh Trail is Open

A new reserve trail opened in October and, while “you can’t get there from here,” it is the reserve’s first fully accessible trail.

The Webhannet Marsh Trail consists of two paths, just shy of a quarter mile in length, and one overlook to the estuary. It crosses a 25-acre parcel, Harbor Park in Wells, owned by the town and incorporated into the Wells Reserve through a conservation easement. The site includes grasses, shrubs, and a narrow wooded buffer along the edge of the marsh and is adjacent to Wells Harbor.

Interpretive signs will be installed to explain estuarine ecology and historical changes at the site, which was itself once part of the salt marsh.

## Summer on the Saco

The Saco River Collaborative organized five summer field trips to important habitats in the river’s watershed, attracting 10 to 20 people to each walk. Directed in part through the reserve’s Coastal Training Program and led by resource professionals from state and federal agencies, The Nature Conservancy, and the Saco River Commission, these walks gave attendees a broader and deeper understanding of the 1,700-square-mile watershed.

## Science and Natural Resource Interns

The research and stewardship programs have welcomed three interns for the fall/winter. Michelle Condon (UNE) is assisting with environmental monitoring, Athena Ryan (UNH) is continuing earlier work on green crab movements, and Hunter Glass (USM) is building on the mapping work happening at Hope Cemetery & Woods in Kennebunk.



The ever-popular pumpkin-carving demonstration at Punkinfiddle 2018. Moe Auger leads the creative team.

## Outstanding Effort by Volunteers

Late summer and early fall can be intense for volunteers. With two major events, school programs, and all the pre-winter preparation that needs to happen, Wells Reserve and Laudholm Trust would be lost without them.

Over crafts festival weekend, 177 volunteers put in time. For Punkinfiddle, it was 72. Maintenance volunteers really stepped up this summer and fall. And the adaptable docent program kept delivering strong school programs.

## Drone Workshop

The Northeastern Regional Association of Coastal Ocean Observing Systems brought purveyors and users of drones to the Wells Reserve in October for a workshop on using unmanned aerial systems in coastal environments.

## Guide The Beaches Conference Agenda

The Beaches Conference is inviting proposals for presentations, field trips, exhibits, ideas, and art for the 2019 event being held at the Kittery Community Center on June 14. Ideas are due December 14. Contact Kristen Grant at kngrant@maine.edu or 207-646-1555 ext 115 to learn more.

# nik'snotebook: Finding the Ways Forward

An estuary: where fresh mixes with salt, land encounters sea, and floods and droughts are twice-daily events. The push and tug of the tidal cycle, the constant jockeying between marsh and mud — these oppositional forces bring to life some of the most diverse and specialized species in the world. Where a river meets the sea is a crucible for the dynamic, for the malleable, for the innovative. Why, if one were to get really big and mystical, one might even venture to say that within an estuary (and its attendant research reserve) can be found all the truth, wonder, and beauty one would ever need.

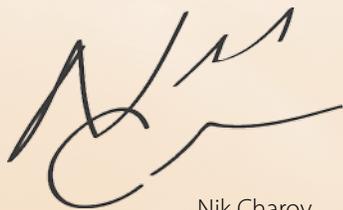
Which is how we like it here in Wells.

Driven to study the coasts, the Wells Reserve at Laudholm understands and embraces big, dynamic ideas. It's no contradiction to say that this timeless place needs to keep changing with the changing times. It's in our nature, and in the nature we study, to continue evolving and adapting. If you've been with us since the early days of the 1980s, you've seen how much we've changed.

Maoist though it may sound, five-year plans drive us here at the Wells Reserve at Laudholm. The Wells Reserve's 2013-2018 management plan and the Laudholm Trust's 2014-2019 strategic plan together paint a picture of where we'd like to be by 2020. Scanning the plans (available at [wellsreserve.org/2020](http://wellsreserve.org/2020)), the reader can see what we've been working on and what is still left to do.

With one more year to meet the goals in the current plans, it's time to think about what our next five, 10, and even 50 years might look like. As this issue of the *Watermark* looks back at another successful year, the staff and volunteers and supporters of the Wells Reserve are already turning their thoughts to the ways we will move forward into the future along the paths of truth, beauty, and wonder.

I hope you'll come with us.



Nik Charov  
President, Laudholm Trust

wellsreserve at laudholm

A PLACE TO DISCOVER

#### Laudholm Trust Board of Trustees

Jessica Gribbon Joyce, Chair  
Joanne Conrad, Vice Chair  
Dennis Byrd, Treasurer  
Maureen St. John, Secretary  
Krista Rosen, Clerk  
John Carpenter  
Paul Copleman  
Ben McCall  
Rob Olson  
Michael Palace  
Robin Planco  
Janet Underhill

#### Honorary Trustees

Cynthia Daley  
Tim Dietz  
George W. Ford II  
Lily Rice Kendall Hsia  
Bruce Read  
Rebecca Richardson  
Betsy Smith  
Hans Warner

#### Wells Reserve Management Authority

Nik Charov, Chairman  
President, Laudholm Trust  
Daniel Belknap, Ph.D.  
Professor, Department of Earth Sciences  
University of Maine  
Karl Ekstedt  
Member, Board of Selectmen  
Town of Wells  
Graham Taylor  
Refuge Supervisor – North Zone  
U.S. Fish and Wildlife Service  
Ron Hunt  
Acting Director of Operations, Bureau of Parks and Lands  
Maine Department of Agriculture, Conservation and Forestry  
Kathleen Leyden (ex-officio)  
Director, Maine Coastal Program  
Maine Department of Agriculture, Conservation and Forestry  
Erica Seiden (ex-officio)  
Program Manager, National Estuarine Research Reserve System  
National Oceanic and Atmospheric Administration

*What's happening now at the  
Wells Reserve at Laudholm?*

[facebook.com/wellsreserve](https://facebook.com/wellsreserve)

[instagram.com/wellsreserve](https://instagram.com/wellsreserve)

[twitter.com/wellsreserve](https://twitter.com/wellsreserve)

Email: [wellsreserve.org/signup](mailto:wellsreserve.org/signup)

The Wrack: [wellsreserve.org/blog](http://wellsreserve.org/blog)



The Wells National Estuarine Research Reserve is one of 29 reserve sites throughout the country. All reserves require local funding to match federal grants from the National Oceanic and Atmospheric Administration. The Wells Reserve is the only reserve that receives its match from a 501(c)(3) nonprofit organization. Each year, Laudholm Trust contributes private funds and in-kind services to support Wells Reserve operations and capital improvements.

*administration / partnerships*

The National Estuarine Research Reserve System is a network of protected areas established for long-term research, education, and stewardship. This partnership program between NOAA and coastal states protects more than 1.3 million acres of estuarine land and water; offers educational opportunities for students, teachers, and the public; and provides living laboratories for scientific inquiry.

**The 29 Sites in the NERR System**

ACE Basin, South Carolina  
 Apalachicola, Florida  
 Chesapeake Bay, Maryland  
 Chesapeake Bay, Virginia  
 Delaware, Delaware  
 Elkhorn Slough, California  
 Guana Tolomato Matanzas, Florida  
 Grand Bay, Mississippi  
 Great Bay, New Hampshire  
 He'eia, Hawai'i  
 Hudson River, New York  
 Jacques Cousteau, New Jersey  
 Jobos Bay, Puerto Rico  
 Kachemak Bay, Alaska  
 Lake Superior, Wisconsin  
 Mission—Aransas, Texas  
 Narragansett Bay, Rhode Island  
 North Carolina, North Carolina  
 North Inlet/Winyah Bay, South Carolina  
 Old Woman Creek, Ohio  
 Padilla Bay, Washington  
 Rookery Bay, Florida  
 San Francisco Bay, California  
 Sapelo Island, Georgia  
 South Slough, Oregon  
 Tijuana River, California  
 Waquoit Bay, Massachusetts  
 Weeks Bay, Alabama  
 Wells, Maine

## Navigating Minefields: Managing Conflict in Collaborative Science

For nearly a decade, coastal training programs throughout the reserve system have been bringing people together to help them make decisions about protecting water in their communities. It hasn't always been easy; sometimes conflicts arise that test a group's ability to reach consensus.

After years of convening stakeholders, reserve facilitators have learned a lot about guiding crucial conversations on high stakes issues where opinions differ and emotions run high.

To prepare for the next 10 years, the reserves are evaluating and sharing the techniques they have discovered for removing barriers to consensus.

The project "Resilience Dialogues: Strategies for Conflict Management in Collaborative Science" is developing a curriculum, resources, and trainings in conflict resolution. More than a dozen reserves are involved, with Dr. Christine Feurt, director of the Wells Reserve's Coastal Training Program, guiding them forward.

"Resilience Dialogues" is exploring the types, timing, causes, and consequences of conflict, especially where the science is uncertain and stakeholder values differ. Success will mean improved processes leading to better water quality.

The Resilience Dialogues is funded by the NERRS Science Collaborative.

*The National Estuarine Research Reserve System's Science Collaborative supports collaborative research that addresses coastal management problems important to the reserves. The Science Collaborative is managed by the University of Michigan's Water Center through a cooperative agreement with the National Oceanic and Atmospheric Administration. Funding for the research reserves and this program comes from NOAA.*

*continued from 1*

Recently, the New England reserves have been working toward synthesizing the many years of data obtained at all four sites. In October, Wells hosted a workshop to facilitate this effort. Dr. David Burdick, a long-time collaborator from the University of New Hampshire, is leading the project, which is funded by the NERRS Science Collaborative.

Analyzing massive data sets is a special challenge. What seem like little glitches in the data can cause big headaches for number crunchers. Special expertise and powerful programs are needed to support statistically strong claims. By merging data and talents, the New England research reserves are up to the challenge.



*Jacob Aman uses a high-precision GPS tool to map study sites in the salt marsh.*

## Local Planners Say: Better Safe Than Sorry

*“There are areas that we should never have developed in. That was clear as day when we looked at flood maps after storms.”*

From Kittery to Scarborough, southern Maine’s coastal communities share the challenge of staving off the sea; protecting coastal infrastructure is not a day at the beach.

Winter storm Grayson and successive blows this past March were just the latest destructive forces to strike the coast; thirteen federally declared disasters have hit York County since 2008 and most of them have been coastal flooding events.

In 2015, the reserve’s Coastal Training Program invited representatives from the 10 beach communities to gather and share what they had been doing to prepare for coastal storms, particularly in the context of rising seas. On October 17, many returned for their fourth annual “Better Safe Than Sorry” session.

The half-day program allowed for both formal presentation and informal sharing. Salient plans and actions described by attendees this year included:

- Assessing the collective economic impact of repair and recovery after coastal storms
- Addressing climate adaptation and mitigation when updating comprehensive plans
- Completing resiliency or vulnerability assessments
- Shifting growth boundaries to avoid vulnerable areas
- Engineering new approaches to hard infrastructure like sea walls
- Flood-proofing new and existing homes and businesses
- Studying stormwater drainage systems
- Designing and positioning pump stations to account for sea level rise
- Moving water treatment facilities away from low-lying areas
- Planning dune restoration efforts to best effect
- Improving map products through better data and imagery
- Introducing legislation to address coastal risks and hazards

Given the intensity of recent storms, persistent damage to shoreline infrastructure, and increasing reports of sunny-day flooding, planners and decision-makers welcomed another opportunity to compare their experiences and expectations with a focus on coastal concerns.

“Resilience” was a frequent byword during the conversation about the coast. CTP Coordinator Annie Cox said “resilience is being able to bounce back in a way that allows you to move forward.” She will be taking the “Better Safe Than Sorry” story to the Restore America’s Estuaries conference in December. In Long Beach, she and her colleagues will describe how four research reserves—Wells, Jacques Cousteau, Tijuana River, and Kachemak Bay—are using this approach to help their communities respond collaboratively and effectively to the challenges of climate change.



## Better Safe Than Sorry Participants

### Towns (south to north)

*Kittery  
York  
Ogunquit  
Wells  
Kennebunk  
Kennebunkport  
Biddeford  
Saco  
Old Orchard Beach  
Scarborough*

### Agencies

*Maine Geological Survey  
Southern Maine Planning and  
Development Commission*

### Organizations

*Casco Bay Estuaries Partnership*

### Elected Officials

*Maine State Legislators  
U.S. Senator’s Office*

*conservation / partnerships***York River Designation**

*On November 6, citizens in York and Eliot voted to accept the York River Watershed Stewardship Plan, endorsing a National Park Service "Partnership Wild and Scenic River" designation for the York River.*

*An expression of community support is needed for the U.S. Congress to consider a Partnership River designation. Kittery and South Berwick intend to address designation through town council resolutions in December.*

**Town of York: Warrant Article 2**

Yes 4,765 No 2,797

**Town of Eliot: Warrant Article 10**

Yes 2,501 No 933

Upper reaches of the York River photographed by David J. Murray

**20 Years Protecting Land in Southern Maine**

About 20 conservationists huddled in the Laudholm barn on a chilly spring evening 21 years ago, drawn together to consider a challenge: How could they, representing numerous organizations, work most effectively to advance land protection across southern Maine? It was a night of big ideas.

This fall, many of them returned to assess their success. The Wells Reserve welcomed some 60 guests to "Bringing Ideas to Life: The State of Conservation in Southern Maine," a reflection on two decades of conservation activity. Attendees recalled the economic booms and busts, the political headwinds and tailwinds, and unwavering support from their peers. They celebrated more than 150 protected properties encompassing thousands of acres. And they celebrated the residents of several towns who voted to dedicate millions of tax dollars for protecting land.

"It's amazing what can be done with passion, belief, and persistence," said Paul Dest, executive director of the Wells Reserve, who organized the event with Tin Smith, co-founder and board member of Great Works Regional Land Trust.

The evening featured a moderated discussion with Kate Dempsey, director of The Nature Conservancy of Maine, and Tim Glidden, president of Maine Coast Heritage Trust. It was followed by these stories about local organizations getting creative to move their missions forward:

- **Advancing Community Conservation through Student Stewards** — Kennebunkport Conservation Trust connects its community to open spaces through the town's youth
- **Saving Hope through Conservation** — Friends of Hope Cemetery & Woods and Kennebunk Land Trust form a novel partnership to save a community asset
- **Securing Municipal Support for Local Land** — York Land Trust rallied the Town of York to protect treasured properties
- **Cutting a Path through the Stewardship "To-Do List"** — Great Works Regional Land Trust organizes weekly volunteer work days for property management
- **The Little Land Trust That Could** — Kittery Land Trust secured a loan to leverage \$2 million for an acquisition and survived to tell the tale
- **New Ways of Seeing and Listening** — Wells Reserve applies technology to monitoring, modeling, and mapping natural resources



## Are Heirlooms Hiding in the Brush?

During the October leaf fall, walkers along the Cart Path, Barrier Beach Trail, and Pilger Trail often find apples strewn across the footpaths. Though it's been decades since the orchards of Laudholm Farm have been pruned or picked, those old trees go on bearing fruit just the same. But most folks who have plucked a pome for a taste test probably didn't finish it to the core.

Beyond the old farm buildings, apple trees are one of the few prominent signs of the reserve's agricultural history, so the stewardship program has promoted several "tree rescue" efforts over the years. Late this summer, energetic Volunteers For Peace made headway on the project with help from our own Team Lorax (see sidebar).

Just getting at the trees can be difficult. Thorny barberry surrounds some, while others all but disappear under a blanket of bittersweet, that cursed vine that wraps apple trees in a stranglehold and breaks their limbs.

With gloves, loppers, and an occasional chainsaw, volunteers clipped and yanked the noxious invasives, favoring the fruit trees with broad berths for blossoming. When the apples dropped, they coated the cleared ground with a bounty for deer, chipmunks, and squirrels.

How old are those trees? When were these orchards planted? The broadside that advertised the "great sale of seaside property at auction, September 1, 1881" specified "two acres of orchard — 200 thrifty apple trees bearing choice fruit" among the farm's characteristics. Whether those trees survived subsequent brutal winters, Prohibition, and the Great Depression is uncertain. Maybe they did last 150 years or more. Or maybe the Lord family replaced or reinforced them. And it's not unlikely at least some of today's trees are the result of self-seeding.

Regardless of the trees' ages, Team Lorax is curious about which apple varieties might be found in the neglected orchard. With heritage apples in vogue of late, a couple of apple experts have stepped up to help the reserve discover whether any antique cultivars persist.



### Team Lorax

*Volunteers who "speak for the trees" began meeting this year to help with the growing demands of tree-related projects at the reserve.*

*Team Lorax planted conifers that are creating a visual buffer along the entry road, then nursed them through this hot and sunny summer.*

*They reclaimed apple trees from invasive species and started dreaming of a heritage orchard.*

*And they began to plan for improving conditions in the Yankee Woodlot, especially for American chestnuts.*

*Anyone interested in stewardship who enjoys physical work and spending time outside can join Team Lorax. Contact Sue Bickford or Lynne Vachon.*

stewardship / conservation

## Aiding New England Cottontail Recovery Efforts



*Tom Karb and Kate Ryan volunteered to track New England cottontails equipped with radio collars and released at the reserve. With a directional antenna and radio receiver, Tom can pinpoint a rabbit's location. Kate records the frequency (each collar is programmed for a unique wavelength), status (active or not), and general location. They check on the rabbits once a week.*

**B**reeding like rabbits will not be enough to save New England cottontails from disappearing from Maine. Surviving subpopulations are small and isolated. Without a helping human hand, the short-term outlook would be grim.

The Wells Reserve, once considered a stronghold for the rabbits and still a bastion of hope, has sufficient suitable habitat— young, thick, brushy woodland—and manages it to maintain its character. But even here, rabbit sightings have become rare and surveys have not been encouraging.

Isolation is a key concern. Not too long ago, cottontails could move between Maine's subpopulations to bolster numbers and maintain genetic diversity. But development and forest growth have eliminated much of their niche habitat, and remaining pockets are separated from one another. Though rabbits can still hop from patch to patch in a limited area, they are simply too far away from neighboring subpopulations to reach them safely.

This dire situation—a state population of not much more than 300 individuals in 2004— prompted the Maine Department of Inland Fisheries and Wildlife (MDIFW) to list the New England cottontail as endangered. The U.S. Fish and Wildlife Service (USFWS) then considered federal listing under the Endangered Species Act, but after a decade opted against it, citing its own conservation efforts and positive efforts by its partners.

The partnership's efforts have emphasized two key activities, habitat management and species reintroduction. The Wells Reserve is central to both.

In 2008, the reserve received a 13-year grant from the USDA Natural Resources Conservation Service to create and improve the early-succession forest habitat that is essential to New England cottontails and other at-risk species. Over the past 10 years, swaths of land have been planted or cut to create and maintain the right conditions for rabbits, and teams of volunteers have constructed brush piles in strategic locations to give the rabbits better protection from predators.

Then last fall the reserve accepted its first batch of captive-reared cottontails. Most were bred and raised with the specific intent of enhancing local subpopulations. A second covey of conies was released at the reserve this autumn.

Augmenting populations is a gradual process. Rabbits have low survival rates in the best of times; they evolved to breed prolifically because so many of them fall to predators. Releasing them into new areas, however well prepared the habitat may be, introduces even greater risk. Finding the right approach to rebuilding the cottontail's status in Maine will take some time. Recovery will be measured in decades, not days.

Early some morning, though, with good eyes and a leap of luck, you might spot a cottontail grazing on grass along a brushy edge. More likely, you will pass an occupied thicket without a hint that a rabbit is hiding there. Seen or unseen, its presence signals hope.

## Out-of-Place Flycatcher Brings in Birders

A winged wanderer appeared along the Knight Trail on September 7 and stuck around for a day, giving quite a few chasers a chance to enjoy it up close. The western kingbird, a kind of flycatcher, was gorging on berries and picking off insects and seemed unfazed by the attention.

Western kingbirds generally stay west of the Mississippi, but a few turn up along the east coast every year. Enough of them have been seen in Maine that the official bird records committee no longer reviews reports.

Records from Maine typically fall between September and November, according to eBird. The York County Audubon bird census team located another western kingbird adjacent to the Laudholm campus in November 2006. This one was found first by Will Sweet.



## Whales in Wells Bay



*In early September, we were alerted to the presence of whales off Wells. We shared a SeaGar Charters video of a breaching whale off Laudholm Beach via Facebook on Labor Day weekend and some staff, volunteers, and visitors got to see at least two whales over the following week. This humpback put on a tail-slapping show during the crafts festival, which is when visitor Glenn Hodgkins snapped his fluke photo. We sent a copy to the North Atlantic Humpback Whale Catalogue at the College of the Atlantic to find out if it matches a known animal or would be a new record.*

## New Members

Max Adams & Caley Ostrander  
Kiska Alexandropoulos  
Michelle & Chris Allen  
Larry Alper & Kathy Ernst  
P.J. Berg Anderson  
Steven Anderson  
Kelly & Pete Angulo  
Heather Armitage  
Ryan Austin  
Jennifer Badger & Eric Brann  
Amy & Scott Baker  
Eve Baltzell  
Susan Barnicle  
Alex Beecher & Emily Grady  
Raymond, Rosanne, Margaret & Blanche Bill  
Judith D. Biuso  
Susie Bock  
Elaine Brassard  
Andrea Brown  
Andy Burt  
Judy Cahill  
Stacey Wentworth Camire  
Judy Cassotis  
Jeff & Sylvia Castonguay  
Nicole & Samuel Civiello  
Donna Coe  
Elizabeth Colgan & Michael Shields  
Michelle Conners  
Sylvia Cowen  
Alanna Craffey & David Lurvey  
Sean Crow & Ramyata Joshi  
Brian & Nichole DaRosa  
Michael Delia  
Sonja Dietrich  
Ann Donoghue  
Sandra Duckett  
Heidi Edelman  
Jamie Farfone & Sara Scholten  
Meredith Fitzherbert  
Deb Garand  
Patricia Gardner  
Mary Gazda & Bill Smith  
Bob & Mary Giordano  
Bob & Rose Marie Gobeil

Jason Goldstein  
Susan J. Goodwin  
John Griffin & Carolyn Thomas  
Erin Grondin  
April Haley  
Judith Hamel  
Judith Hansen  
Marcia Hantsche  
George D. Harvey  
Sarah Hillman  
Linda J. Hirsch  
Chris Holman & Rachel Frederickson  
Matthew Hooks & Brooke Beatt  
Linwood Hoyt  
Eamonn Hutton  
Mary Jane Jacobs  
Brad Jones  
Cinda Joyce  
Scott & Jane Kavanagh  
Alice Kelley  
Alexander Kemmler  
Katherine & Patrick Kenney  
Shahriar Khaksari  
Elizabeth King  
Dawn & John Knorr  
Carol Laboissonniere  
Alex Leech  
Diane Leech  
Diane M. Lent  
Gia Liberati  
Hiroko & Joseph Lindsey  
Martha Lufkin  
Ann MacEachern  
Jason Maravelias & Family  
Richard Marks & Veronica Serrato  
Amanda Mathiesen  
Tom & AmyLynn McDevitt  
Mary McDonnell  
Janice McKeown & Greg Dumas  
Sean Miller  
Joan Millian  
Bob Morris  
Shannon Morrison  
Joan Morrissey & Gwyn Tracy

Deena Mullen  
Skip & Thea Murphy  
Kathy Nelson  
Daniel Nelson & Katie Palano  
Michael Palace  
Rebecca Parsons  
Dianne Paton  
Deborah Perkins  
Karen & Frederick Pinkham  
Michael Poirier  
Sarah Poole  
Mary Provo  
Lisa Quattrocchi  
Lisa Randazzo  
Rhoda Romine  
Joy Russo  
Anthony & Tonya Rutkowski  
Stephen Ryan & Christine Hultgren  
Greta Rybus  
Pam & Bill Sawyer  
Jennifer Schmitt  
Robert Seavey  
Cindy Shaughnessy  
Frederic Shaw  
Marilyn & Michael Smith  
Alan St. Onge  
David Stinson  
Margaret R. & Joe Sullivan  
Linda Sue Sulzdorf  
Yvonne Tai  
Arlene Tallberg  
James Tierney  
Diane Nichols Tradd  
Michelle Vachon  
Elena C. VanWyck  
Jeff Volk  
Erin Wallace  
Louise R. Wheeler  
Kim, Jim, Alyssa & Laurel Whitley  
Joanna Wiley  
Nicole Williams & Glenn McCaffrey  
Tom & Debbie Wright  
Lani York

## Memorial Gifts

Leo Daley  
June Ficker  
Richard Frost  
Tatiana Olshansky

## In-kind Contributions

Bob & Rose Marie Gobeil  
for producing our new butterfly brochure  
Tracy & Tim Kay  
for items to use during events and around  
the office

## Business Members

Armor Cleaning Services  
Dunkin Donuts  
Estabrook's Nurseries & Greenhouses  
Gray Farm Greenhouses  
Head Table Cafe  
Mike's American Diner  
Mike's Clam Shack  
Shain's of Maine

thankyou

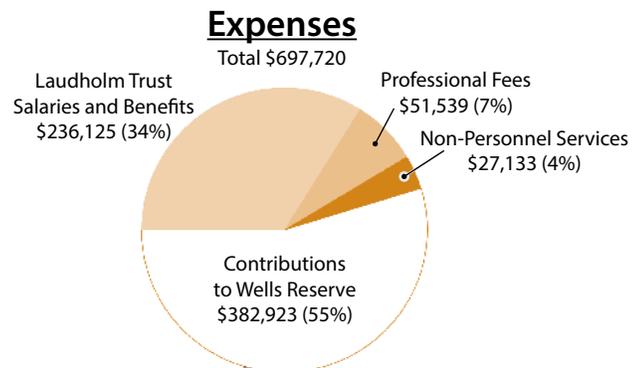
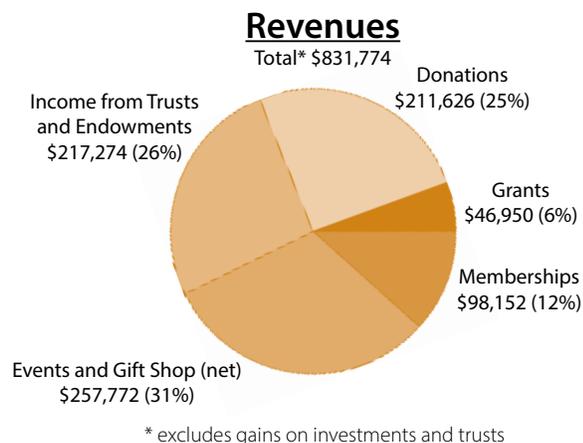
Gifts received June 14 through October 18, 2018

# (DRAFT) FY 2018 Financial Report

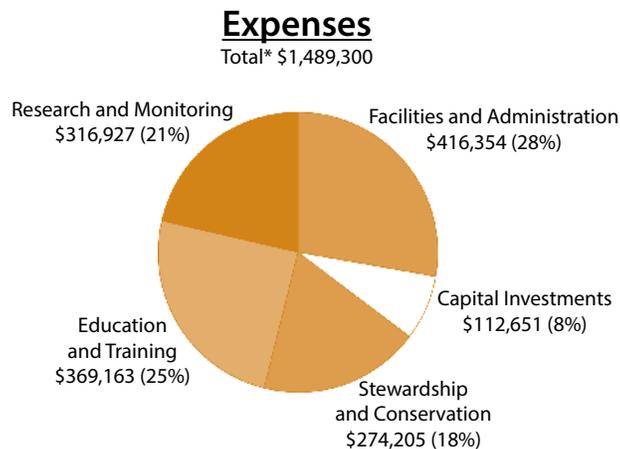
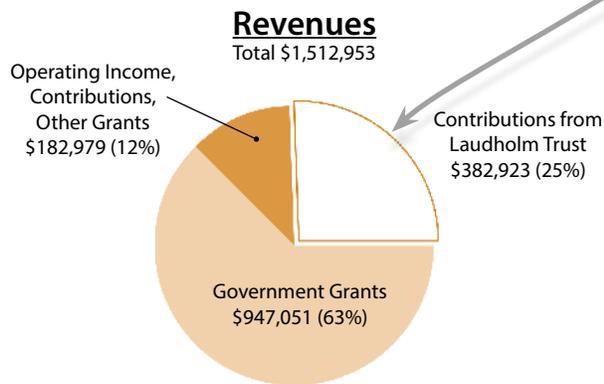
July 1, 2017 – June 30, 2018

This condensed information has been derived from draft financial statements. Upon completion, reviewed financial statements for the Wells Reserve and Laudholm Trust will be available online and in our offices.

## laudholmtrust



## wellsreserve



\*excludes depreciation

*The public-private partnership between Wells Reserve and Laudholm Trust makes this place and its programs possible. Essential local support provided by the nonprofit Trust matches federal and other competitive grants to fund the operations of the Reserve. Neither organization is possible without the other; though we perform different activities, we inseparably work toward one vision.*

***The Wells National Estuarine Research Reserve works to expand knowledge about coasts and estuaries, engage people in environmental learning, and involve communities in conserving natural resources, all with a goal of protecting and restoring coastal ecosystems around the Gulf of Maine.***

# 2019



2018 PUNKINFIDDLE PHOTO BY DAVE DOSTIE FOR MAINE MAGAZINE

## upcoming events & programs

**Tuesday, December 4, noon**

**Lunch and Learn**

Waltzes with Giants: The Twilight Journey of the North Atlantic Right Whale

**Friday, December 7**

**Visitor Center Closing for Winter**

No foolin'... we reopen on April 1 next spring

**Wednesday, January 23, noon**

**Lunch and Learn**

Ecology of the Gauntlet: Lessons Learned from Juvenile Salmon Migrations in British Columbia

**Tuesday, February 5, noon**

**Lunch and Learn**

The Red Eye of an African Dove: Birding and Other Adventures in Zambia

**Wednesday, February 20, 9-3**

**Day Camp**

Life in the Dark

**Thursday, February 21, 10-12:30**

**Winter Wildlife Day**

Good times with York County Audubon and Center for Wildlife

**Wednesday, March 20, noon**

**Lunch and Learn**

Post-Maria Puerto Rico: A Story of Resilience and Determination

**Wednesday, April 17, 9-3**

**Day Camp**

Bird Bonanza

**Friday, April 19, 10-12**

**Earth Day Celebration**

Appreciate this small blue dot

**Sunday, June 9**

**Kennebunks Tour de Cure**

It's as easy as riding a bike. For Diabetes. Our 8th year hosting.

**Friday, June 14**

**The Beaches Conference**

Held in Kittery for the first time. Optional field trips June 13.

**Sunday, June 30**

**Wells Outdoor Antiques Show & Sale**

Masterminded by Goosefare Antiques

**Saturday & Sunday, September 7 & 8**

**Laudholm Nature Crafts Festival**

Great idea, Alice! Going strong 32 years later.

**Saturday, September 28**

**Punkinfiddle / National Estuaries Day**

Who knew? It's our 17th annual family festival.

---

**Coming in January**

- Complete listings at [wellsreserve.org/calendar](http://wellsreserve.org/calendar)
- Calendar rack card with January–April programs

**Coming Next Summer**

- Year 6 of the Climate Stewards Lecture Series
- More Kayak Tours on the Little River Estuary
- Day Camps from late June to mid August