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Photography by Nancy Nabak unless otherwise noted.



FROM THE DIRECTOR

As many of you know, we had some issues with our osprey this year. One adult perished of unknown causes. Sadly, a chick fell from the platform, but fortunately was rescued and placed in a foster nest. In the last 20 years or so that ospreys have returned to our marsh, these are the first of

such instances. We are traditionally successful when it comes to these formerly threatened birds. This thought causes me to reflect not only on the osprey, but on the many ways Woodland Dunes has been successful and grown

has been successful and grown over the years.

I first visited Woodland Dunes when I was in high school.
A small group of us came out and watched Jim Steffen and his hawk banding operation.

This was shortly after Bernie Brouchoud, his wife Lyn, their son Jeff, John and Cindy Meyer, Jim Steffen, and Dick Burger formed the Dunes. (Lyn is still our Board Secretary.) Winnie Smith and Helen Dicke, both teachers, joined the committee a bit later, as well as Ed Schnell and Jim Baumgart (State Senator). That year, 998 acres were identified as important to our mission.

In 1975, Sr. Julia VanDenack, biology teacher at Holy Family College, wrote an article for our first brochure and "Ripples From the Dunes" columns started running.

Gordon Bubolz of Secura Insurance began his support for Woodland Dunes in 1976. His help made it possible to purchase land and hire staff. By August of that year we owned 189 acres.

In 1977, a hooded warbler (rare for this area),

of Conservation, Education &

Outdoor Inspiration...

was seen by John Woodcock. The deer impact on forest plants and future management plans were being brought to the table. By then, Woodland Dunes had 403 members supporting its efforts. Bernie, John, and Jim spoke to thousands of people in the community on a variety of natural history topics. And in the summer that year we purchased the

Rahmlow farm including the house and barn. The house still serves as our headquarters. The barn now showcases a woodland-themed mural in honor of Bernie.

During those first years, we were very bird focused; the expectation was that we would become a full-time bird banding station. However, as we progressed, we prioritized our needs of

acquiring and maintaining our land and increased focus on developing and delivering a stronger education program.

We don't band as many birds today, but we continue to document their presence and look for new ways to track them, such as our Motus telemetry receiver that is now live. Our membership remains strong, and we still talk to thousands of people each year about the science and wonder of nature. Most importantly, we have been able to sustain and grow our preserve while making many new friends along the way.

Working together and 45 years later, we've been able to advance the dreams of our founders, which makes me happy and proud. I hope you are too.

~ Jim Knickelbine, Executive Director

Congratulations to Woodland Dunes Executive Director, Jim Knickelbine!

This spring, the Wisconsin Society for Ornithology honored Jim Knickelbine with the Bronze Passenger Pigeon award. This award is presented to individuals who have made outstanding contributions in their local communities or in the state to promote the field of ornithology. We, at the Dunes, know lots of reasons why Jim received this honor, but we'll let his nominator, Dr. Charles Sontag, say it through his nomination:

"It is with great pride, and a special honor, to nominate Jim Knickelbine for the Bronze Passenger Pigeon Award. Jim is a former student that has taken the environmental message from the classroom and conveyed its awareness to the good people of eastern Wisconsin with urgency and conviction. With his leadership skills, he accomplishes difficult tasks with confidence and hard work, where the fruits of his labors are now becoming evident in the lakeshore area.

Jim is a child of nature. Long before he became director of Woodland Dunes, Jim had a profound love and commitment to the environment from childhood experiences beside his home on the Manitowoc River. After earning his BA degree from UW Milwaukee, Jim and his brother ran an eco-friendly soils testing business.

But, much of his time was spent as an ardent volunteer at Woodland Dunes where his skills as an environmental educator were recognized and utilized in programming.

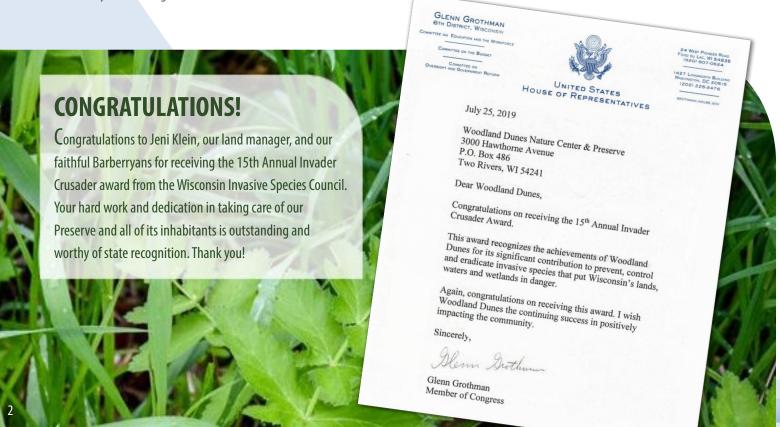
When Bernie Brouchoud stepped aside, Jim quickly filled the void and carved out a niche. Jim, with quiet persistence demonstrated to the leaders of Two Rivers and Manitowoc not only the value of Woodland Dunes, but also that protection of the habitats that grace the lakeshore are in the communities' best interest. Jim brought together the city officials of Two Rivers and Manitowoc, the DNR, Fish and Wildlife, the Army Corps of Engineers and members of the communities to preserve and enhance the environment of the lakeshore.

He is now the teacher and his classroom is the community and the environment he helps to protect. His message is both urgent and profound. In his role as Dunes director, he has transformed Woodland Dunes from a best-kept secret to an internationally known natural area and educational facility.



Jim was recently given a Distinguished Alumnus Award by the UW Manitowoc campus. This award recognized his life long work and conservation efforts in the Manitowoc area. With steadfastness and great effort, Jim is making our community a better place one plant and animal at a time.

Jim is a model for all, as he speaks quietly, and his message is profound and a guide for the ages. The Bronze Passenger Pigeon Award will help recognize this educator and community leader's enormous contributions, but it will also serve to honor his accomplishments."







Maureen Birk

How long have you volunteered at Woodland Dunes and why did you decide to get involved?

I've been volunteering for about a year, after moving to the area from Green Bay. I had visited Woodland Dunes over 20+ years, for hikes and programs. Having spent my working years in health care, and after settling into retirement, I found I still needed a way to get involved in something where I could work with people and feel I could make a difference. Nature and wildlife have always been important to me, so it seemed like a good fit.

What do you most enjoy about being involved with Woodland Dunes?

Working with people who share my love of nature, and the enthusiasm of the staff here, from pulling weeds in the butterfly garden, to helping with public events and doing front "desk duty". These all give me a better appreciation of the scope of the Dunes programs, the work it takes to keep it vital, and it's importance in the community.

What are some of your favorite pastimes or hobbies?

Hiking, birding, cross country skiing, snow shoeing, photography, woodworking and stained glass projects.

Words of wisdom for other volunteers?

There are so many ways to be involved, that you can almost surely find your spot, either directly involved with the public, or behind the scenes.

Anything else you'd like to add?

Getting involved with Woodland Dunes has helped me feel more a part of my new home community.



66

Nice stop to enjoy nature. Plenty for kids to do and see. Exceptionally friendly staff.

~ George Cleveland, 7/26/19

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Phorests Are Phunky Photo Contest

Trees rock! Capture your best seasonal tree images and send us two that you would like to see published. Get your mind a thinkin', aperture settings ready, and cameras clicking!

Rules: Cropping & basic editing allowed. No removal or addition of objects, such as a moon in the composition. Photos must not have artist's name on the images to ensure fair and impartial judging.

April-June, Spring Contest Winner:

Cindy Lupin — Congratulations! See photo insert.

July-August, Summer Contest:

Deadline: Midnight August 31st

September – November, Fall Contest:

Deadline: Midnight November 30th

Send two high-resolution photos per season to: nancyn@woodlanddunes.org. Please mention photo contest in the subject line.

Winners will be published in the Dunesletter, on our website and Facebook, and receive a complimentary year's membership to Woodland Dunes.

Sponsored in part by the US Forest Service.



Butterfly Garden

66 Many hands make light work. 79 This quote, sourced back to England in the 1300s, was definitely the theme for this summer in the Dorothy Star Butterfly and Bee Garden. Our tasks included removing the usual supply of healthy weeds and moving many plants from the south side of the garden, mulching, fixing holes in perimeter fencing, and watering. The cool, cloudy weather in June helped with successful plant moving. On several different days we had small groups of volunteers and staff working together to clear new areas of soil and then placing plants into those areas. Interns spent time mulching and mowing on more than one occasion, and two teens from Two Rivers High School watered and weeded on a hot July day. The pond area looks great, thanks to several volunteers who have kept it in excellent condition all summer. A huge THANKS to any of you reading this article who spent time in the garden over the last few months!

So, who is benefitting from all this work? We have counted more than 10 leopard frogs hanging out around the pond at one time. A resident garter snake suns itself on the rocks on a regular basis, slithering under the waterfall for protection when humans come along. A mink was spotted one day, and we've been buzzed by bees and hummingbirds, and a variety of birds. One day I stopped working to watch a monarch visit each phlox plant with quiet delicacy. And we can't forget the delightful voices of children spending time in the garden during summer camps. It is truly a place of peace and joy. As the blossoms fade in the late summer life cycle, we can smile with anticipation of next spring, when we get to experience the beauty all over again!

Help Us Plant Trees!

We're getting closer to the end, but we still need to fulfill our mission of getting 3,500 trees planted in our Preserve as soon as possible. If you can help or know of

a group that might be willing to offer community service hours, please contact Jen at jenniferp@woodlanddunes.org or call 920-793-4007. THANK YOU!

Land Management

 \ensuremath{We} are now wrapping up our second year of tree planting in the heart of the forest. Most of our forested areas are wetlands; forested swales tucked in-between forested ridges formed by the lake long ago. These wetter forests are the preferred habitat for ash tree species. In fact, approximately 80% of our swale canopy consists of ash trees. Emerald ash borer, an invasive insect that slowly kills ash trees, now surrounds our preserve, and may already be inside of it.

Our mission is to plant a wide variety of water-loving, native trees and shrubs to replace the ash trees. At the same time we are removing invasive trees and shrubs such as buckthorn and honeysuckle species to make room for the natives and to further increase the health of this important coastal wetland. Over the past two years, staff and volunteers have planted over 5,600 trees and shrubs and protected them with chicken wire cages. Over the next two years we will be planting at least 5,000 more. This is no small feat and every year we manage to pull this off with the help of hundreds of volunteers from the community.

This stronger forest will not only benefit the wildlife which call it home, it will also benefit people for centuries to come in the form of cleaner air and water. The health benefits associated with "forest bathing" and being in nature are outstanding, and we're happy to be a part of this service to our community.

Stay tuned for our fall land management activity, "Rockin' the Forest." We'll have an educational program from our local forester, as well as lots of forest facts, a photo contest (Phorests are Phunky), and more. It's my goal to highlight the variety of habitats we manage throughout the seasons.

- Jeni Klein, Land Management Coordinator



Summer Interns

ABBY Adams My name is Abby Adams and I attend UW-Stevens Point with a Water Resources major and a Soil minor, so working in the ridges and swales of Woodland Dunes was an excellent experience. I worked at Woodland Dunes last year as well, and I have to say my appreciation for the wetlands has only grown since then. While the highlights of working at the Dunes from my first summer are still the same: removing invasive species, going on bat walks, planting new trees, and romping around wetlands, there are so many more after this summer. I have to say that after my first summer of getting used to the land, I was able to fine-tune my focus on the details of the ridges and swales. The plants, fungi, insects, and various creatures, and noticing the nuances of the land that we strive to manage made it only that much more satisfactory for me. For that, I'm very glad, and I'm honored and grateful to have been part of the Dunes family.

ISABELLA Scheibl Thave procured an enormous amount of knowledge and environmental work experience from my internship at Woodland Dunes. My favorite part of my land management position was the variety of tasks in which I was involved. Aside from the tree planting, I seeded a prairie, assisted with children's programs, maintained the preserve grounds, wrote an article, and surveyed a creek. In addition, I greatly appreciated how the staff at Woodland Dunes collectively encouraged the active learning of each individual. I was able to attend educational programs and bird hikes that were offered during the day. I was allowed to borrow numerous nature books from a massive collection. I was also invited to observe a lamprey survey, a bat survey, and a bird survey. My months at Woodland Dunes have confirmed my decision to pursue an environmental studies degree during my next three years at Wisconsin Lutheran College.



Greta Wilkening, Kelly Herfendal, & Ebyn Shambeau.

KELLY Herfendal Hello, my name is Kelly and I am the environmental education intern. I love caring for the environment and teaching kids how to do so, which is why this job is the best! Every day I came to work ready and willing to tackle the different tasks I was given. Some of these tasks have included pond dipping for critters, setting up for education programs, doing research, taking care of the animals, and teaching a plethora of topics to the children that come to visit the preserve. I thoroughly enjoyed working here at Woodland Dunes because I worked with supervisors and coworkers who have positive attitudes and a passion for preserving nature. I am so grateful for the opportunity to gain more knowledge about the environment and work a job that is always exciting and a pleasure.

EBYN Shambeau Hi, my name is Ebyn Shambeau, I'm 19 years old, from Manitowoc and interned at Woodland Dunes this summer. I'm currently attending Northern Michigan University for my Bachelors degree in Environmental Studies and Sustainability. Albeit daunting at first (3,500 trees to plant), this job was one of the best I've ever had. During this internship I've learned many lessons, some of which include: drink lots of water when it's hot out and even if it's not, always wear gloves when using a bow saw, and there is no such thing as too much bug spray. But one of the most important lessons that I've learned is that coworkers can also be your friends. The staff and fellow interns were some of the friendliest people I've ever met. This summer was awesome and I would definitely recommend this internship to anyone getting their bachelors in the natural sciences.

GRETA Wilkening This summer I had the pleasure of working at Woodland Dunes as a Land Management Intern. Heading into my third year at Lawrence University, this summer I hoped to explore some potential career paths for an Environmental Studies major like myself. Interning at Woodland Dunes provided me with that invaluable experience and so much more. From planting trees and clearing invasive species to fixing up lawn mowers, carts, and computers, I feel as though I have learned so much and in so many different ways. I know the skills I have obtained this summer will stick with me, as will the fond memories and connections I've made with my coworkers and the incredible Woodland Dunes staff. I'm sure I could find land management work in many places, but what really made my experience unique was the people I got to work with. The Woodland Dunes staff and volunteers are truly special, making each day different and exciting, and ensuring that each evening I returned home having learned something new.

U P C O M I N G E V E N T S

Fall Migration Bird Walks

Fridays, September 6th-September 20th 8:15-9:30am

Donations appreciated

Join the Woodland Dunes staff on a weekly bird hike during the peak of the fall migration! Meet at the Nature Center and bring your binoculars. This is a weather dependent program. Sponsored by Next Era Point Beach Nuclear Plant.

Raising a Wild Child Preschool Program

Thursdays, September 12th,



October 10th & **November 14th** 9:00-10:30am **Members:** \$2/child Non-members: \$3/child Experience the wonders of nature

with your 2-5 year old with nature hikes, play and guided activities. Help your child notice the natural world and ignite their curiosity! Registration required by the Monday before each program. Adults must accompany children. Dress for the weather.

Fall Star Party Series

Saturday, September 14th 9:00-10:00pm Saturday, October 5th 5:00-8:30pm Saturday, November 23rd 7:00-8:30pm

Check out the night sky with astronomers Al and Ben. View constellations, the moon and other celestial objects through the big telescope in the Sky Shed. Bring a lawn chair and your own telescope or binoculars if you wish. Weather and sky conditions permitting. If sky is cloudy, star parties will take place the following Saturday at the same time. Watch Facebook and our website for changes. Program takes place outside the Nature Center. Sponsored by Next Era Point Beach

Fungus Frolic

Nuclear Plant.

Tuesday, September 24th 9:00-10:30am

Enjoy a walk through the woods with naturalist

Matt Welter and discover the rich

diversity of mushrooms at Woodland Dunes. Bring samples of mushrooms from your own area and learn what they are. Giant or minuscule, elaborate or boring, fungus are fun! And you don't have to eat them to enjoy them. Registration required by Thursday, September 19th. Sponsored by Next Era Point Beach Nuclear Plant.

Enchanted Forest

Saturday, October 5th 5:00-8:30pm Members: \$5/person Non-Members: \$6/person Children 3 and under, free



Journey along a candlelit trail and meet some of Mother Nature's favorite (costumed) animals. This is an outdoor, self-guided hike with surprises around every turn! Enjoy warm refreshments inside and games and activities outside. This is an educational evening, not a scary one. Please wear costumes and warm clothes. Registration required and opens Sept 9th. Call or email to reserve a tour time soon. Time slots fill quickly!

Don't Leaf Me Barking up the Wrong Tree

Tuesday, October 8th 1:00-3:30pm

Spend the afternoon with forester Sue Crowley to learn tree identification, tree history and the importance of the forest habitat at Woodland Dunes. We will spend the first 45 minutes indoors then spend the remainder of our time (~1-1.5 hours) on the trails identifying trees and interpreting the landscape. Tree ID materials will be provided to help you become confident in your forest exploration. Program will happen rain or shine. Registration required by Tuesday, October 1st. Sponsored by Next Era Point Beach Nuclear Plant.

Full Moon Yoga Hike

Saturday, October 12th 5:30-7:00pm \$15/single or \$25/couple (if registered & paid by 10/9) \$20/single or \$30 couple walk-in (if space available)

Join certified yoga instructor, Jennifer Jelenic, for a nature-inspired, yogawoven trail hike by the light of the full moon. Enjoy a quiet, meditative walk through the trails, pausing periodically to practice sequenced, standing yoga poses designed around the beauty of the natural space. No experience necessary, wear clothes appropriate for the weather and movement.

Limit 20. All ages welcome. Yoga and guided meditation inside the Nature Center in case of inclement weather.



Transit of Mercury

Monday, November 11th 6:30am-Noon

Visit the Sky Shed on your way to work or anytime between 6:30am and noon to view the transit of Mercury! The planet will be seen as a small black dot across the face of the sun as it moves between the sun and earth. Sky conditions permitting. Sponsored by Next Era Point Beach Nuclear Plant.

A 1000-Mile Walk on the Beach

Tuesday, November 26th 6:00-7:00pm

In 2009, Loreen Niewenhuis walked the entirety of Lake Michigan, a 1,000mile walk around the world's fifth-largest lake. Niewenhuis will take you along the shores of the lake she loves with photos and video from her journey. She will illuminate the geology, natural history, and biology of the lake and also what

threatens this massive ecosystem. The book about her adventure will be available for purchase. Registration appreciated by Friday, November 22nd. Sponsored by Next Era Point Beach, Nuclear Plant, Friends of the Twin Rivers Watershed, Lakeshore Natural Resource Partnership and Woodland Dunes.





Owl Fest Was A Hoot!

We hooted our way to another successful Owl Fest on Saturday, July 27.

Families enjoyed owl-themed bake sale items, guided hikes, dissecting owl pellets, owl art projects with the Rahr-West Art Museum and presentations from Wildlife of Wisconsin with live raptors. We also brought back our favorite crowd pleaser — our owl hooting contests with the kids!

We're excited to share that new plans are on deck for next year. Stay tuned!

Thank you to our sponsors: ATC, Rahr-West Art Museum, Red Arrow-Kerry and Thrivent.





Save The Date











Barn Quilt Merrie Star

Facebook Donations Anonymous

New Building Addition West Foundation, Inc.

Dorothy Star Bee & Butterfly Garden

Greg Scheuer & Merrie Star Doris A. Magyar

Education Programs Barry & Sandy Bast

Endowment Fund

Dolly McNulty James F. Fluck

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New Members Susan Rapp William Dean **Andre Berkhout** Suzanne Zipperer **Matt Goff** Gail Giese Steve & Deb Braun Scott Funk

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Next Era Energy Point Beach

Dr. Robert A. Gahl Western Fraternal

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The Cawley Company

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Elizabeth Becker

Memorials/Honorarials

In memory of Joyce Johnson for the Dorothy Star Bee & **Butterfly Garden** Tom & Jeannette Roberts

In honor of Marilyn Sontag's birthday Richard & Jean VanDreel

In honor of Annette Henry's birthday Jerry & Pat Henry

In memory of Mike Pritzl Julie & John Woodcock

In memory of Florence Reynolds Doris A. Magyar

In memory of Charles Oswald Shirley Oswald

In memory of Jack Skidmore David & Cindy Pech

In memory of Sandi Rowe Tom & Betsy Kocourek

In memory of Bob & Lois Bush Kathryn & Patrick Taddy

In memory of Thomas Kelley **Amy Mullins**



Set aside Saturday, February 22, 2020 for the Fourth Annual Tropical Blast fundraiser to benefit Woodland Dunes!

We'll be back at the beautiful Sepia Chapel with a new sound system, fantastic food, and new surprises.

It's a Blast in the winter! Spend a night in the Caribbean with live steel drums, tropical food and drinks, auctions and more.

Sponsorships are now available. Please help support our nature-based education programs! Contact Nancy at: nancyn@woodlanddunes.org



Has Woodland Dunes been important in your life? Do you and your family have an interest in seeing our habitat managed and children served into perpetuity? Would you like to make a lasting and permanent difference?

Planned Giving is a meaningful way to ensure that Woodland Dunes will be able to take care of its precious land and provide strong nature-based programs to the children and families of our community.

What we can accomplish with your personal commitment:

- ensure that another 100,000 children (and more) will actively learn about nature through our impactful education programs on the preserve
- continue the fight against harmful invasive species, which threaten our globally significant land every day
- help both our common and rare wildlife species thrive through the maintenance and protection of beneficial native plants, shrubs, and trees

Opportunites:

Memorial Gifts and Bequests

Individuals may leave a beguest to Woodland Dunes Nature Center. A bequest is a gift made through a donor's will and is completely free from federal estate tax. If you have already named Woodland Dunes Nature Center in your plans, we would like to acknowledge your meaningful gift. Please contact us.

Endowment

Make a gift that will support Woodland Dunes and its mission in perpetuity by contributing to the endowment fund. A percentage of the interest earned each year will support the nature center and its work, keeping the principle intact. Contributing to the endowment fund is an act of great vision, as you will leave a legacy to ensure Woodland Dunes serves the community for future generations.

Donating Stocks and Bonds

Individuals may avoid paying capital gains taxes by donating stocks and bonds to Woodland Dunes Nature Center. Donors are entitled to a charitable income tax reduction equal to the full market value of the stock.

Life Income Agreement

A life income agreement allows you to make a substantial capital gift to Woodland Dunes Nature Center, while retaining your income for your lifetime and/or that of additional beneficiaries.

For more information regarding any of the opportunities outlined above, please contact our Executive Director, Jim Knucklebone at: nature@woodlanddunes.org or by phone: (920) 793-4007.

You will be among the many compassionate friends who have a long-term vision of keeping Woodland Dunes an important and special place.



PO Box 486 | Two Rivers, WI 54241-0486

WOODLAND DUNES NATURE CENTER

Headquarters & Nature Shop Board of Directors

Hwy 310 West of Two Rivers

Hours

Monday - Friday: 9 am - 4 pm Saturday: 9 am - 12 pm (April - October)

Contact

Phone: (920) 793-4007

Email: nature@woodlanddunes.org Website: www.woodlanddunes.org Facebook: Look up Woodland Dunes in Two Rivers, WI and like our page!

Staff

Executive Director	Jim Knickelbine
Assistant Director/ Education Coordinator	Jess Johnsrud
Communications & Development Coordinator	Nancy Nabak
Land Management Coordinator/ Tech Support	Jennifer Klein
Administrative Assistant	Tina Kvitek
Environmental Educator/ Butterfly Garden Coordinator	Wendy Lutzke

Chairman

Tom Kocourek

Vice Chairman Bruce Robinson

Treasurer Troy Christiansen

Secretary Lyn Brouchoud

Board Members

Rebecca Abler Helen Bleser **Ed Brey** Sue Crowley Robert Gahl Jon Henry Susan Knorr Ellen Lewellen Mark McLaughlin Dolly McNulty **Charles Sontag** Lucy Zeldenrust

Become a member or give a gift membership!

\$250 \$500 \$1,000 \$5,000	Benefactor Steward	■ I would like to contribute to the endowment fund. Please contact me.	
	☐ \$25 ☐ \$35 ☐ \$50 ☐ \$100	Patron	
Phone			
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City			
Address			.
Name			

Please send this form and your tax-deductable membership to Woodland Dunes!