



Fall 2001

# Tracker

## Newsletter

a publication of Leave No Trace, Inc.

### Leave No Trace State Advocates

As the Leave No Trace program has expanded and the number of Master Educators has increased to more than 1250, the need to organize educational efforts across the country is now apparent. To help direct such efforts, Leave No Trace has recently launched a State Advocates program. The program is loosely based on a successful model for the federal agency partners. The US Forest Service, National Park Service and Bureau of Land Management have all created networks of national and regional or state coordinators.

In essence, the role of the State Advocates is similar to that of the agency coordinators. The Advocates act as ambassadors for their state by helping coordinate regional LNT efforts including Master Educator and Trainer courses, ad-hoc presentations and Traveling Trainer visits. To do so, the Advocates communicate with Masters in their respective states, offer Trainer courses and maintain frequent contact with the Leave No Trace office. At year's end, the State Advocates are asked to report on their activities.

Current State Advocates include: Richard Angeli in Georgia, Julie Bird in Utah, Blaine Boxwell in Connecticut, Liz Garland in California, Michael McEvoy in Texas, Shane Riffle in Ohio, Johnie Simpson in Maryland, Adam Sokolski in Minnesota, and Abby Spotsky in Arizona. If you are interested in contacting the State Advocate in your region, visit the "What's New" section on the Leave No Trace website. To express interest in becoming a State Advocate in 2002, contact Ben Lawhon: [ben@LNT.org](mailto:ben@LNT.org).

### REI and Leave No Trace debut kids program - THE PEAK!

Recreational Equipment Inc. (REI) and Leave No Trace (LNT), the leader in promoting responsible outdoor recreation, announce the REI Leave No Trace PEAK (Promoting Environmental Awareness in Kids) Program, a joint effort to educate children about the outdoors and responsible use of our public lands. The PEAK Program is



Future environmentalists - kids learning about Leave No Trace skills and techniques

being developed for use in retail stores, youth outdoor programs, and schools across the country.

Kids participating in the program "ascend" higher up the "peak" as they learn more about Leave No Trace. Each new level introduces specific Leave No Trace principles and skills, preparing youth to minimize their impact on the environment. The activities for each level are designed to be simple, fun, engaging, and easy to teach. The PEAK levels include:

• *Base Camp* - Introduction to Leave No Trace, Know Before You Go

- *Middle Camp* - Choose The Right Path, Leave What You Find, Be Kind to Others
- *High Camp* - Trash Your Trash, Be Careful With Fire, Respect Wildlife
- *Summit* - Overnight Leave No Trace Camping Experience

In 2001, Leave No Trace and REI will pilot the PEAK program in eight markets. These include Denver and Fort Collins, CO, Austin, TX, Seattle, WA, Tempe, AZ, Cary, NC, Bloomington, MN, and Berkeley, CA. The pilots will focus on the Base Camp level of learning. The subsequent levels will be developed in the next two years along with a reward program upon completion of each level.

The PEAK Pack, a backpack stuffed with activities, props, and additional resources, will provide REI employees with everything necessary to spread the message of Leave No Trace. This pack will soon be available at all REI stores, and anyone interested in participating in the PEAK program can

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LEAVE NO TRACE



## Impressionable Youth - Impressionable Adults.

I had a baby - you may have seen her picture in our last newsletter. I'd always heard that having a baby dramatically alters your life. That's proven true for me. I look at things differently, including my work at Leave No Trace. For the past 6 1/2 years I've been working to spread the Leave No Trace message, emphasizing the importance of taking care of our wild lands for "future generations". But what did that mean? Future generations was somewhat of an abstract notion for me - until I had a baby.

My baby, Ella, and babies everywhere are going to grow up and be our future - yours and mine. We want them to have what we have - opportunities to experience and love outdoor places. We want outdoor recreation to be a part of their lives. Leave No Trace is the key to ensuring those opportunities for our future generations.

Ella is already a nature girl (even at 10 months). She loves to sit in the grass examining and eating every blade, go on hikes in her backpack, pick flowers (I try to explain that we need to leave what we find for others to enjoy...).

Future generations - our kids and our kids' kids. It is so critical that we reach them so they become advocates. I've found time and again that Leave No Trace resonates with youth. They "get it" often more than adults do. Our new PEAK program (read more on the front cover) speaks to youth and in turn, those youth will teach their peers and parents. It's a form of continuing education. When you reach out to kids with a dual message of fun and responsibility, it works. Kids are receptive and they grow up appreciating wild lands. Taking care of these lands becomes second nature. Learning Leave No Trace early in life, when we're impressionable, is our focus for the Kids PEAK program. Now, more than ever, I understand the impact Leave No Trace has on our future generations.

### WELCOME NEW STAFF and A FOND FAREWELL TO SCOTT, AMY and STEPH

I am very excited to announce that Susy Levin, formally of the Access Fund has joined Leave No Trace as our new Deputy Director/Development. Ben Lawhon, formally of the Appalachian Trail Conference will take over as Leave No Trace's new Education Manager, Pat Phalen is LNT's new Controller/Accountant, and Jen Tucker, a current Traveling Trainer, will assume the role of Traveling Trainer Program Manager for Leave No Trace this fall.

Thank you to Scott Reid, Amy Mentuck and Stephanie Gilchrist for their tireless work in spreading the good Leave No Trace word. Both Amy and Scott were long time employees of LNT, joining me when we only had three folks in the office. We wish Scott, Amy and Steph all the best in their future endeavors.

All my Best  
Dana



A final hurrah with the old and new Leave No Trace staff (L to R) Ben Lawhon, Dana Watts, Steph Gilchrist, Amy Mentuck, Kristen Sauer, David Braun, Pat Phalen, Clay Freeman.



### Leave No Trace, Inc. 2001 Board of Directors

**Dave Bates**  
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**Bill Cyphers**  
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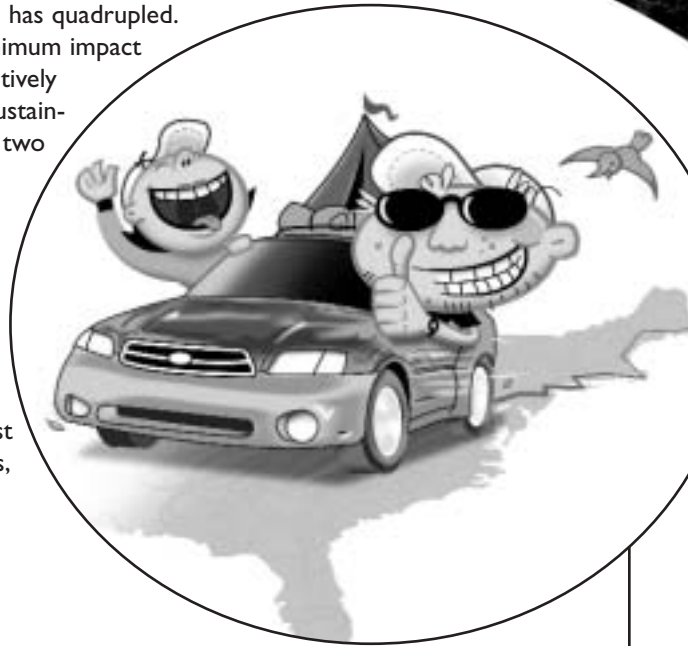
# Traveling Trainers Education in Motion

## Farewell Leave No Trace Friends

As I prepare to depart Leave No Trace, I think back on my five years here and am awed by the organization's fast growth and achievements. The list of supporters and partners has quadrupled. Master Course offerings have doubled and the curriculum now offers minimum impact information for nearly every ecosystem on the globe. The program is positively impacting millions of people everyday and helping ensure the long-term sustainability of the natural world. To support programs, staff size has gone from two to twelve. I'm proud to have been a part of Leave No Trace's growth and success.

Since its inception in 1999, I've managed the Subaru-Leave No Trace program. Born of the simple idea to bring Leave No Trace education directly to communities all over the United States, the program now reaches more than a million outdoor enthusiasts every year. Developing the Traveling Trainers program has been rewarding but, it's the behind-the-scenes work and friends that have made my job fun. The part I'll miss most is working with the enthusiastic community of Leave No Trace supporters, especially the Leave No Trace staff and Traveling Trainers. Thanks for your support and friendship. Keep in touch!

Warm regards,  
Amy Mentuck  
New Email: [amymentuck@yahoo.com](mailto:amymentuck@yahoo.com)



### Leave No Trace Individual Member Benefits Expanded

Your individual support of Leave No Trace has its benefits. Most importantly, you gain the incredible satisfaction that you're actually participating in preserving the wild places that you love.

You receive cutting edge information about environmental ethics and Leave No Trace programs on public lands. You're eligible for discounts on Leave No Trace merchandise and have access to education specific to the ecosystems that you enjoy.

Now, Leave No Trace members can save up to \$3000 with the Subaru VIP Program. And Subaru will donate dollars back to LNT with your purchase or lease of a new Subaru.

Subaru of America is proud to be a principle partner and the official vehicle of Leave No Trace, Inc. In partnership we're working to preserve America's treasured natural resources by promoting responsible outdoor recreation.

Subaru's affiliation with LNT reinforces their strong commitment to preserving the outdoors for future generations. As part of Subaru's support, LNT members receive special savings on the purchase or lease of a new Subaru. In addition, Subaru makes a \$100 contribution to LNT for each member's new vehicle purchase or lease.

To qualify and receive your VIP authorization, please contact Leave No Trace BEFORE visiting your local dealer. For more information about Leave No Trace membership contact [Susy@LNT.org](mailto:Susy@LNT.org)

### PEAK Program continued:

contact their nearest REI.

"We've had plans to develop a youth-specific education program for some time", said Dana Watts, Executive Director of Leave No Trace, "and REI is helping to make that happen. Leave No Trace aims to ensure a future for our wild and natural places through responsible recreation. Who better to share this message with than our children?"

REI's commitment to developing the PEAK program continues a strong tradition of support for Leave No Trace. "REI is committed to getting kids outside", said Dennis Madsen, President and CEO of REI, "Through the PEAK program we will be providing all the tools necessary for our employees to connect with kids and prepare them to experience the outdoors."

REI was established in 1938 by a group of 23 Pacific Northwest mountaineers who formed a consumer cooperative to ensure quality outdoor products for its members.

Today, REI has more than 1.8 million active members served by 60 retail stores and operates two Internet sites: REI.com and REI-OUTLET.com. A portion of REI's profits is set aside each year for support of conservation and recreation causes. REI has given more than \$8 million since 1976 to such efforts around the nation.

For more information about the new kids REI Leave No Trace PEAK Program, contact Leave No Trace at 800-332-4100.

# LEAVE NO TRACE IN THE FIELD

## Team West ● ● ● The road ain't always easy

The Leave No Trace message is sometimes challenging to convey. Often we meet with groups that see us as attempting to restrict their activities. Other individuals, like some Trainer Course participants, greet us on the first day of our workshops with a skeptical eye. Recently, we ran into a really tough crowd, one that challenged our teaching skills, our patience, and our vocal chords. After presenting a Trainer Course to a group of recreation planners in Colorado Springs we headed

around the corner from the hotel to  
Pikes Peak Community College.

There we met with a group of high school juniors and seniors who take some of their credits on the college campus. The class had been learning about environmental issues and had a basic familiarity with the principles of Leave No Trace. (Their teacher, Ruth Ann Larish, is a LNT Master).



Stephen and Susann Paige, Traveling Trainers, Team West, take a break while spreading the Leave No Trace ethic in Colorado

The 20 energetic students' thoughts were of other things. Their spring break was to start that afternoon and they were feeling, shall we say, distracted. Right away we noticed that the left side of the room was more rambunctious than the right side. We asked that the portable CD players be shut off, the headphones be removed and the football stowed away. When Susann began introducing us the chatter began. Small group discussions were taking place all over the left side. Realizing that we had to nip this behavior at the bud, Stephen wrote principle number 7 on the chalk board in the front of the room – Be Considerate of Other Visitors! A slight reduction of the din ensued.

We left most of the lights on for the slide show in hopes of preventing further deterioration of their collective deportment. After yelling our way through the first 3 principles we suggested a break. A half-hour later they were back and for a moment or two they actually listened to the beginnings of our description of Leave What You Find. After Stephen separated the left side's alpha male from the rest of the pack the group quieted enough for us to slog our way through the rest of the presentation. We were saved by the bell, the room emptied and they were gone.

These are the challenges we face. We know the Leave No

Trace message is solid and meaningful but sometimes the audience isn't as receptive as we would like. Did this group gain anything from our session? Yes, we believe they did. Every kernel of information is progress. And maybe it will make more sense to these students as time goes by.

This group was a challenge and it won't be our last. Our goal is to keep plugging away because we know we're making a difference!

## NEWS YOU CAN USE

### Featured LNT Principle: Minimize Campfire Impacts

For many people, the thought of camping without a campfire is simply not camping. As Ernest T. Stetson, one of the pioneers of early campcraft, said, "What is a camp without an evening campfire? It's nothing but a place in the woods where some people have some things." Many of us grew up with the tradition of evening campfires. Campfires provide warmth, light, a sense of safety and security, and at one time, were essential to survival in the backcountry. But campfires are no longer necessary for food preparation or comfort.

Campfires cause many lasting impacts: blackened rocks, large unsightly fire rings, sterilization of soil, changes in the nutrient cycle, and more important, campfires can and do ignite wildfires. Many of these impacts associated with campfires can be avoided by using a lightweight stove, fire pan, mound fire and other Leave No Trace techniques.

- Use a stove – Backcountry users should carry a stove, a pot, matches or lighter, and sufficient fuel to cook all meals. Stoves are light, easy to use, require no wood gathering, and let the sounds and sights of darkness prevail.
- Does a fire make sense? – Consider whether or not a fire makes sense at your campsite. If a campfire is important to you: Ask the land manager about pertinent regulations, consider the wind, weather, location and wood availability. Then decide if it is safe and responsible to have a fire.
- What kind of fire? – Use an established fire ring when available. If the site does not have a fire ring,

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# Leave No Trace GOODS

## Leave No Trace unveils seven newly revised Skills and Ethics booklets

For the past year, Leave No Trace has been working with the National Outdoor Leadership School and other groups to revise many of the Skills and Ethics booklets. We are thrilled to announce, seven booklets have been revised and are now available! Revision work on the remaining Skills and Ethics booklets will continue over the next several months. We are taking great pride to insure that the new information is correct, based on development of new techniques and new research. Booklets available now are:

**North America** – gives a general overview of the seven LNT principles with regards to outdoor recreation in North America.

**Southeast** – Specific to the environs of the southern Appalachians, the foothills and Piedmont, the Ozarks, and the hill country of Texas, this booklet is the definitive text on minimum impact recreation for this region.

**Lakes Region** – The Lakes region is legendary in its richness and complexity. This booklet is a guide to three-season minimum impact traveling and camping in the waterways and forests of this region.

**Pacific Northwest** – The Northwest's wildlands are diverse and beautiful, but they can also be fragile. This booklet covers the skills and ethics necessary to Leave No Trace in Pacific Northwest.

**Desert and Canyons** – The southwestern region of the central United States is a magical land of canyons, sand dunes, mountains, deeply carved arroyos, pre-historic ruins, and cryptobiotic soil crust. Backcountry travelers visiting this region can learn from this booklet the minimum impact skills and techniques needed to Leave No Trace of their passing.

**Western River Corridors** – Floating rivers is a unique form of backcountry travel. Since human impact is more concentrated in river corridors than in many other environments, this booklet aims to educate river users on the proper Leave No Trace techniques for these sensitive areas.

**Mountain Biking** – Mountain biking is an amazing mix of outdoor adventure, appreciation, thrill, exploration, skill, and fitness. Irresponsible mountain biking can increase trail erosion, disturb wildlife, burden public land managers, and anger private land owners, prompting them to restrict access. This goal of this booklet is to teach mountain bikers how to ride responsibly.



The revised and newly designed Skills & Ethics booklets are now available. Contact [Clay@LNT.org](mailto:Clay@LNT.org) to order.

## What's Cooking? LNT unveils the Leave No Trace Cookbook - Recipes for Training

In April, the newest teaching resource for Master Educators was completed. The Leave No Trace Training Cookbook: Recipes for Teaching Outdoor Skills, is a compilation of training ideas submitted by active Master Educators. Structured around the seven principles, the activity ideas offer a snapshot of the innovative methods Master Educators use to teach Leave No Trace skills and ethics. Currently 60 pages, the Training Cookbook will be updated and improved as more training recipes are submitted. The Leave No Trace Training Cookbook will allow Master Educators to share their creative training ideas in a forum that will benefit a wide audience of outdoor educators.

The Training Cookbook will be offered for \$12, but Master Educators can obtain their first copy for \$7. Masters who submit usable training recipes will receive a complimentary copy of the Cookbook containing their training idea. Contact [Clay@LNT.org](mailto:Clay@LNT.org) to order.

# LEAVE NO TRACE FRONTCOUNTRY PROGRAM, Urban Areas Join Effort

Although the genesis of the Leave No Trace program is along wilderness trails and in backcountry campsites, studies have shown that most outdoor recreation occurs in day-use, urban wildland and other so-called "frontcountry" areas. The Leave No Trace Frontcountry Program is an effort to reach these frontcountry visitors with the Leave No Trace message.

## FRONTCOUNTRY, DEFINED

Leave No Trace defines "frontcountry" as day-use areas, open space wildlands near urban centers, community and state parks, established campgrounds and other locations where traditional backcountry LNT ethics are less applicable. Common frontcountry management concerns may include:

- Off trail hiking
- Visitor Safety
- Litter
- Pet waste
- Pet management
- Social conflict between visitors
- Graffiti and vandalism
- Trespassing on adjacent private property

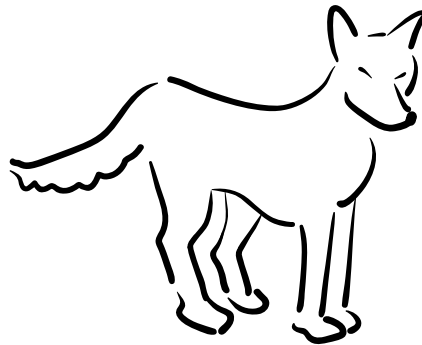
Recently, several land managers have worked in conjunction with Leave No Trace to implement Frontcountry education models. The newest site to join the program is the Highlands Ranch Metro District Parks and Open Space Department (HRMD). Highlands Ranch is a community of 70,000 people in the Denver metro area. The Parks and Open Space department manages over 2000 acres of lands and 40 miles of trails.

The concerns faced by HRMD are echoed by other land managers across the country. "Like many open space areas, we have a dog waste disposal issue," states Bill Dailey, Open Space Manager. "These days, many dog owners pick up after their pets, but the sight and smell of even a little dog waste along the trail is enough to affect peoples' experiences."

Other key management concerns besides dog waste include wildlife impacts, off-trail hiking, litter, picked flowers, trail conflicts, and motorized use on non-motorized trails. All of these concerns have been addressed in a Leave No Trace brochure tailored for the Highlands Ranch Parks and Open Space department. "We're pleased with the information Leave No Trace has developed with us," says Dailey. "This effort is part of an overall strategy to educate our visitors about their responsibilities when visiting open space lands."

In addition to the HRMD Leave No Trace brochure, large weather-proof stickers were created to be placed on the more than 200 trashcans located along the trails of Highlands Ranch. The stickers use the same language and icons found in the brochure, which will further promote the consistent Leave No Trace message on HRMD open space lands.

If you are interested in learning more about the Leave No Trace Frontcountry Program, contact Leave No Trace at (800) 332-4100 or visit [www.LNT.org](http://www.LNT.org).



Two new  
Leave No Trace  
Front Country  
guidelines:

## KEEP WILDLIFE WILD

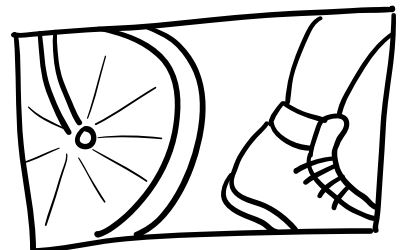
Natural open space lands are home to wildlife. As a visitor, you should respect wildlife by observing them from a distance and not feeding them.

When visitors approach, follow or harass wildlife, animals are pushed out of their preferred habitat. Likewise, feeding wildlife alters the animals' behavior and prompts them to associate humans with food. Malnutrition often occurs when animals eat human food. Animals will commonly stop foraging for food to seek human hand-outs. Please help keep wildlife wild by not feeding, approaching, or harassing them.

Keep track of your pets while you're recreating and when you're at home. Coyotes consider household cats easy prey. In turn, cats often prey on native songbirds. Please fasten bells to your cats as a warning or, better yet, keep them indoors and away from vulnerable birds and wild predators. And for the sake of wildlife, pets should be leashed at all times on parks and open space lands.

## USE YOUR FEET

Visitors to parks and open space are welcome to enjoy the area on bicycles and on their feet. Motorized vehicles, except those authorized, are not allowed on parks and open space lands. Unauthorized motorized vehicles include: motorized scooters, motorcycles, off-road vehicles, trucks and automobiles. Please respect this rule. It makes for a more pleasant experience for everyone and protects park and natural resources.



# NOTES FROM THE FIELD...

## Team East

As a traveling trainer team, we have the opportunity to speak to a variety of outdoor enthusiasts all over the country. Each event is unique and requires us to be "on our toes" and knowledgeable about region and activity specific Leave No Trace applications. Thus far we have enjoyed speaking with state park staff, paddling enthusiasts in the lakes region, backcountry horse enthusiasts in the southeast, Boy Scout troops and leaders, and adventure travelers in Chicago.

Beyond the opportunity to educate these diverse groups of people, we have learned a great deal from them as well. One event that provided many "teachable moments" was our first Trainer Course at Jones Gap State Park in South Carolina. During an in-depth discussion on ethics, it became apparent to both the instructors and the participants that the principles of Leave No Trace are highly transferable into our every day lives and to global environmental impacts. When participants were asked during an exercise to decide which impact bothered them the most (i.e. human waste in a mountain stream, someone removing cultural artifacts from a backcountry archeological site, campfire impacts, etc.), it became clear that each individual's choice and reasoning was based on their own personal values.

The group learned to understand and respect each other's values even when they conflicted. This ethics conversation also sparked a discussion about the best way to approach visitors with diverse values and how to best educate them in minimum impact practices. It is moments like these where we realize how truly important the Leave No Trace skills and ethics are to developing stronger wilderness values and ultimately a "wilderness ethic".



Jen Tucker & Chad DeChateau, Traveling Trainers, Team East, have been on the road in eastern states since January.

### NEWS YOU CAN USE Continued:

use a different technique rather than build a new fire ring. Pan fires are way to have a fire without leaving a trace. Fire pans are metal oil pans or aluminum roasting pans that make good containers for low impact fires. Mound fires, another Leave No Trace option, are built on pedestals of sand, gravel or soil with minimal organic content. The pedestal is built 6-8 inches thick and 18-24 inches in diameter, and built on top of a tarp or ground cloth. The tarp facilitates clean-up. The mound insulates the ground from the heat of the fire. Be sure to return the soil to its source when the fire is completely out.

- Use dead wood that's already on the ground – Keep fires small. Don't scar trees, living or dead, by snapping off branches for your fire. Use only sticks from the ground that can be broken by hand. Hatchets, axes and saws are unnecessary and undesirable. In the backcountry, gather wood en route to camp so the area around your site retains a natural appearance.

- Manage your campfire – No matter which fire building technique you use:
  - Never leave a fire unattended.
  - Don't try to burn food or trash, and pack out what others have left behind.
  - Leave a fire ring that encourages others who want a fire to use it.
  - Burn wood completely to ash.
  - Saturate the ashes with water. Make sure the fire is cool to the touch.
  - Scatter the ashes widely with a small shovel or pot lid.
  - Restore the appearance of the fire site.

- Consider alternatives – The best way to minimize fire impacts is to forgo the fire altogether. Try a candle lantern or simply enjoy the darkness. Many find that the night sky comes alive without competition from firelight, and allows them to sit in darkness for a change or look for shooting stars or listen more closely to the night sounds.



Portable camp stove

# Master Educator Profiles

## An interview with Jeff Marion

Few Leave No Trace Master Educators have dedicated themselves to the Leave No Trace program like Dr. Jeff Marion. Jeff completed his Leave No Trace Master Educator course in May, 1995. He is also a scientist who studies recreational impacts, an outgoing Leave No Trace Board member, the current chairperson of the Leave No Trace Educational Review Committee, the Scoutmaster for his son's Boy Scout troop, and an avid backpacker and outdoor enthusiast.

Recently, Scott Reid had a chance to speak with Jeff about being on the Board of Directors, the roots of his dedication to Leave No Trace and his vision for the program's future. Excerpts from that conversation follow.

**LNT:** How do you find time to dedicate yourself to the Leave No Trace program in so many ways?

**Jeff:** "Well, I have been lucky enough to combine my vocation with my avocation. My professional work as a scientist naturally complements my personal interest in being outdoors and teaching others about respecting and enjoying our public lands."

**LNT:** What are the roots of your interest in the Leave No Trace program?

**Jeff:** "My work as a scientist studying visitor impacts has helped me identify recreation practices that will increase the sustainability of visitation to backcountry environments. The goal of Leave No Trace—and every backcountry visitor—should be to prevent avoidable impacts and minimize unavoidable impacts. In addition, I have a deep-rooted philosophy that it is better to educate people and change their behavior than to regulate their backcountry experience. All of these factor into my support of Leave No Trace."

**LNT:** To what, or whom, do you attribute your work of the science of recreational impacts as a career?

**Jeff:** "I would say that my parents and the Boy Scouts helped me foster an interest in the outdoors as a child. My mother has always been an avid amateur naturalist. She took the time to teach me about birds and wildflowers in our yard and woods. I helped her start a native wildflower garden and built many birdhouses and feeders. I also had a number of pets as a kid—including lots of amphibians and reptiles and even a skunk, raccoon, and flying squirrel. My father was an active Boy Scout leader and managed to encourage all four boys to achieve the rank of Eagle."

"The Boy Scouts introduced me and taught me to enjoy backpacking, caving, whitewater canoeing and rock climbing. Along

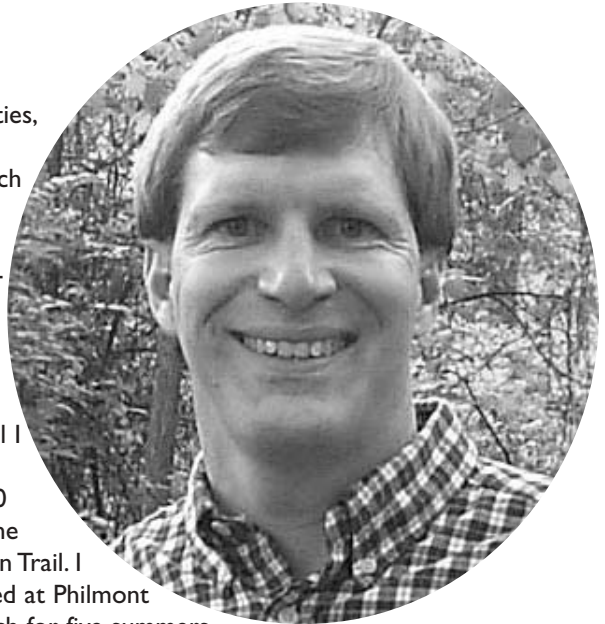
with activities, the Scouts helped teach me appropriate recreational practices. By the time I completed high school I had backpacked 900 miles on the Appalachian Trail. I also worked at Philmont Scout Ranch for five summers.

My undergraduate degree was in Biology, followed by a Master's program in Environmental Science at Duke. It was there that I found and read a Bob Lucas article on wilderness management that described research on visitor impacts. I decided that studying those impacts would allow me to combine my academic and personal interests. That has led me to where I am today. In the long run, I hope to help affect visitor behavior in a way that ultimately preserves the wildlands we are lucky to have here in the US."

**LNT:** Can you discuss some observations you have made during your time on the Leave No Trace Board of Directors?

**Jeff:** "In the early days, Leave No Trace had a staff of two and a very limited budget. Most of the Board's discussions focused on fundraising and making Leave No Trace a viable organization. As the program has grown and the number educational achievements has increased, my enthusiasm for LNT has also grown. Leave No Trace is now a diverse program with a variety of new materials, educational efforts and projects."

**Jeff:** "I have gotten the most personal satisfaction out my work with the Educational Review Committee. The committee succeeds in bringing together people with backgrounds in science, land management and outdoor education to discuss specific Leave No Trace practices and projects. This diversity of experience on the committee provides a solid foundation for Leave No Trace. Finding agreement within that group is a thoroughly enjoyable and almost magical experience. By working together, we are able to reach common ground and workable solutions for the Leave No Trace program."



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# Is Leave No Trace Working?

## Research Results Reached in Lab Project

Based in Durango, CO, the Leave No Trace Laboratory is a project combining education, research and partnerships in an effort to assess the efficacy of the LNT message. The four research projects of the Laboratory include studies on human waste disposal, fires above timberline, behavioral norms as they pertain to durable surfaces and an assessment of the overall effectiveness of a Leave No Trace campaign along a designated trail.

Two of the four research efforts in Durango have concluded, yielding some heartening results. The two completed studies were conducted by Will Reitveld and Joe Griffith, volunteers for the US Forest Service and the San Juan Mountains Association. Will and Joe were ably assisted by Dianne Donovan, Janet Reichl and Rachel Griffith.

One study assessed an educational effort to discourage fire building above timberline. The researchers found that most respondents were receptive, even supportive, of the educational efforts. Given the extraordinary fire danger during the summer of 2000, this support was not necessarily surprising. However, several respondents indicated an understanding that fires above timberline were severely impacting and inappropriate at any time. Fire ring counts— which showed no new constructed rings— supported the conclusions that visitors considered fires unnecessary.

A second completed survey, focused on human waste disposal, indicated that those individuals that received the Leave No Trace message were more likely to follow Leave No Trace waste disposal practices than those that received no message at all. Although this conclusion was relatively intuitive, another important indication was that generally, hikers and backpackers were very receptive to the idea of altering their behavior to protect the wilderness areas they visit. This conclusion underscores the foundation of the Leave No Trace program: Namely, people want to do the right thing (i.e. practice Leave No Trace), but need to be equipped with the best information and skills to do so.

Both studies— one on human waste disposal and the other on campfires— revealed that the message delivery system is critical to effectively educating visitors. The Durango studies provided further evidence that people tend to be more receptive to a message delivered by a person, then followed up with some written information. Further, the more information people receive prior to reaching the trailhead, the more likely they will be to practice Leave No Trace. Essentially, Leave No Trace should reach people early, often and with a personal touch.

Although the message medium proved critical to the success of the educational effort, so too did the content of the message. Conclusions from the studies showed that when you focus the message, mix it with some pertinent history and humor in a local context, the great majority of hikers and backpackers will comply with the information. This conclusion will help Leave No Trace further tailor its message for specific locales.

Leave No Trace is indebted to the hard work that Will Reitveld and Joe Griffith put forth in organizing, implementing and assessing these studies. We commend them for their hard work and dedication to the Leave No Trace program. Thank you Will and Joe, Dianne, Rachel and Janet!

The Leave No Trace Laboratory, Funded by REI, Inc., began in 1999 and will continue through 2001. Data collection for the two remaining studies will continue through this summer, with the results being reported in early 2002.

### Master Profile continued:

**LNT:** What do you consider the strengths and weaknesses of the Leave No Trace program?

**Jeff:** "I would say that the partnership foundation of the Leave No Trace program is its greatest strength. Along with that partnership base comes the diverse experience of education, land management and science. I would also mention the incredible enthusiasm and dedication exhibited by those who promote the program.

"As for weaknesses, well, I think Leave No Trace has taken a long time to become the nationally recognized program that the founders envisioned. We want Leave No Trace to be as recognizable as Smoky Bear or Woodsy Owl, but getting there is the challenge. The program has incredible potential, but needs greater exposure— on television for example— so we can reach the average citizen. Wilderness users and other recreation enthusiasts recognize and understand the message, but we need to reach more general audiences."

**LNT:** Where would you like to see the LNT program go in the future?

**Jeff:** "Again, I think Leave No Trace will ultimately succeed by reaching the casual outdoor visitor. We need to reach a broader audience— those who camp and hike, but are not necessarily heavily involved in the outdoors."

**LNT:** Where do you plan to spend your time now that you are coming off the Board?

**Jeff:** "Well, I will stay active on the Educational Review Committee, but I think I will devote more time to being the best possible Scoutmaster for my son's troop. You can bet that the troop will be a model of Leave No Trace practices!"

# WARM THANKS TO EACH & EVERY LEAVE NO TRACE SUPPORTER!

## Special Project Partners

REI  
Subaru of America  
Galyan's Trading Post  
L.L. Bean  
Johnson Outdoors  
Clifbar

## Corporate Partners

All Terrain Company  
American Alpine Institute  
American Innotek/RESTOP  
Atwater Carey/Repel/Potable Aqua  
Backpacker Magazine  
Backpacker's Cache/Garcia Machine  
Backpacker's Pantry  
Backroads  
Blue Magazine  
Boulder Outdoor Survival School  
Brunton  
Burning Man  
C.A.M.P.U.S. Development Group, Inc.  
Cascade Designs/Therma-rest  
Chaco Sandals  
Chely Colorado Camps  
CHISCO Sports Accessories  
CHUMS, LTD.  
CLIF Bar  
Cloudveil Mountain Works  
Coleman Company/Peak I  
Crazy Creek Products  
Crescent Moon Snowshoe  
Ecosouthwest.com  
Ecotravel  
Falcon Press Publishing Co.  
Galyan's Trading Company  
Glacier Park, Inc.  
Globe Pequot Press  
Go-Lite  
Grabber Performance Group  
Gravure Corporation  
GSI Outdoors  
Hantman and Partners  
Hilleberg the Tent Maker  
Hi-Tec Sports  
Horny Toad Activewear  
JanSport  
Johnson Outdoors  
Kelty  
Last Chance Sportswear  
Latitude 40, Inc.  
L.L. Bean  
Marmot  
MicrobiaLogic  
Moondance Adventures  
Nalge Nunc International  
Nick-N-Willy's Pizza  
Osprey Packs  
Outdoor Research  
Outside Magazine  
Pacific Dry Goods  
Peregrine Outfitters  
Quabaug/Vibram

Recreation Equipment Inc. (REI)  
Red Mountain Resort & Spa  
River Magazine  
Rokk  
Royal Robbins  
Seychelle Water Filtration Products  
Sky's the Limit  
Slumberjack  
Smartwool  
Snow Peak USA  
SOLO  
SOLTAC  
Sports Afield Magazine  
Stanwood & Partners  
Subaru of America, Inc.  
The Mountaineers Books  
The North Face  
The Snowshoer Magazine  
Thibeault Advertising  
Tierra Dentro  
Tom's of Maine  
Trails Illustrated - Nat'l Geographic Maps  
Traveling Paddler  
Travis Textiles  
U-Dig-It  
Vasque/Red Wing Shoes  
The Walt Disney Company  
Wilderness Medicine Outfitters  
Wilderness Products  
Yuba Shoes, Snowshoes

## Retailers & Outfitters

Adventure 16, San Diego, CA  
Alpine Shop, St. Louis, MO  
Allegany Expeditions, Cumberland, MD  
Altrec.com, Bellevue, WA  
Austin Lehman Adventures, Billings, MT  
AvidOutdoorsman.com, Salt Lake City, UT  
Bugaboo Mountain Sports, Santa Cruz, CA  
Campmor, Paramus, NJ  
Cedar Mountain Sports, Cedar City, UT  
Coastline Adventures, Poway, CA  
Enertia Trail Foods, Kettering, OH  
Footsloggers, Boone, NC  
Four Season Outfitter & Guides, Flagstaff, AZ  
Galyan's, (all locations)  
Get-Outdoors.com, Berkeley, CA  
Gorp.com, New York, NY  
High Country, Inc., Atlanta, GA  
Lee's Sports & Sportswear, Kalamazoo, MI  
Little Mountain, Boulder, CO  
LiveToPlay.com, San Francisco, CA  
Maine Sport Outfitters, Rockport, ME  
Mountain Chalet, Colorado Springs, CO  
Mountain High, Inc., Atlanta, GA  
Mountain Madness, Seattle, WA  
Neptune Mountaineering, Boulder, CO  
Noah's Arc, Buena Vista, CO  
Paddle Masters, St. Paul, MN  
Primex Enterprises, Torrance, CA  
Rainier Mountaineering, Tacoma, WA  
REI, (all locations)  
Rocklist.com, Tempe, AZ  
Rosebud Llamas Utah, Fruitland, UT  
Specialty Sports, Inc., Denver, CO  
Sportz Outdoors, Albuquerque, NM  
The Sporting Woman, Denver, CO  
Timberline Adventures, Dallas, TX  
Valhalla Pure Outfitters, Vernon, BC  
Way Out West Trek & Tours, Tucson, AZ  
WetDawg, Inc., Eugene, OR  
Wilderness Adventure, New Castle, VA  
Xdogs.com, Minneapolis, MN  
Your Planet, Salt Lake City, UT

## Founding & Agency Partners

National Outdoor Leadership School  
Outdoor Recreation Coalition of America  
Sporting Goods Manufacturers Association  
USDA Forests Service  
National Park Service  
Bureau of Land Management  
US Fish and Wildlife Service

## Non Profit Partners

Adirondack Mountain Club  
Alberta Environment  
Alliance for the Chesapeake Bay  
American Discovery Trail Association  
American Hiking Society  
American Whitewater  
Appalachian Mountain Club  
Appalachian Trail Conference  
Arizona Trails Association  
Association of Outdoor Recreation and Education  
Audubon Magazine  
Boy Scouts of America  
Breckenridge Outdoor Education Center  
Camp Chief Ouray  
Camp Tekalewitha  
Central de Estudios S. Mende Infesta  
Charles Country MD Office of Tourism  
Colorado Agency for Campgrounds  
Colorado Fourteener's Initiative  
Colorado Mountain Club  
Continental Divide Trail Alliance  
Colorado State University, Outdoor Adventure Program  
Deer Lake Wilderness School  
Denver Area Prep  
Four Corners School of Outdoor Education  
Girl Scouts of Arizona, Cactus Pine Council  
Girl Scouts of Shawnee Council  
Go for Green, Canada  
Green Mountain Club  
High Mountain Institute  
International Mountain Bicycling Assn.  
Landmark Adventures  
Maine Appalachian Trails Club  
Maine Island Trail Association  
National Environmental Education Training Foundation  
National Outdoor Leadership School  
Nevada Division of Wildlife  
New York/New Jersey Trail Conference  
New York State Outdoor Guides Assn.  
Niobrara Council  
North Idaho College, Outdoor Pursuits  
NWCC Wilderness Guiding Skills Program  
Oregon Dept. of Forestry  
Outdoor Campus Engineers  
Outward Bound USA  
Potomac Appalachian Trail Club  
Reach Ministries International  
Rocky Mountain Nature Association  
San Juan Mountain Association  
Scouts Canada  
Search and Rescue of the Northern Adirondacks  
Senapore Youth for Christ  
See You At The Top!  
Sierra Club Foundation  
St. Lawrence University  
Student Conservation Association  
Superior Hiking Trail Association  
Teton Science School  
The Access Fund  
The Great Outdoors Conservancy  
University of CO, Outdoor Adventure Program  
University of Mississippi, Ole Miss Outdoors  
University of Texas at Austin, Outdoor Adventure Program  
Volunteers for Outdoor Colorado  
Washington & Lee University  
Wilderness Volunteers  
Yellowstone Institute

# Leave No Trace Partnership

## Why Leave No Trace?

With recreational use on the rise, the need to teach responsible outdoor recreation is more important than ever. Our work would not be possible without the efforts of our growing list of LNT Partners. As we step forward into another season of outdoor activities, we continue to see the Leave No Trace message being promoted by the National Park Service, U. S. Forest Service, Bureau of Land Management and numerous Corporate, Non-Profit, Outfitter and Retail Partners. We rely on each and every one of our Partners to provide an avenue of education for all types of outdoor users. As a LNT Partner, you can help lead the way for your peers in the outdoor industry.

Why should your company become an LNT partner? **Approximately 273 million people visit our country's national parks annually.** We are "loving our parks to death" and there is no time like the present to take action. The staff at Leave No Trace, Inc. would like to work with your company to help find creative ways to promote LNT to your unique audience. We're dedicated to furthering outreach efforts with all Partners and would like to assist you in incorporating LNT into your current marketing and PR efforts.

There are a numerous ways that your company can help spread the LNT message.

- Sponsor an education or outreach program
- Promote LNT by endorsing the 7 Principles on packaging, catalogs, advertising, and other printed materials.
- Invite a trained Master Educator to provide in-house presentations and training for staff and customers. LNT has a nationwide network of 1,000 Master Educators who volunteer their time to teaching responsible outdoor recreation to their community.
- Send key employees on a Leave No Trace course. All Partners are eligible to apply for LNT Training scholarships.

These are just a few examples of how your company can get involved. We encourage you to challenge us with new ideas!

We're ready to work with you to build a strong, mutually beneficial relationship.

**Contact us today!** Corporate, Non-Profit Membership ask for Susy Levin, Retail, Outfitter, Guide Membership ask for Kristen Sauer.

## Corporate Partner Activities

- Learn more about Leave No Trace in L. L. Bean's new fall catalog. You'll find LNT "tips" throughout each section and a full page dedicated to the program in the center.
- Johnson Outdoors helped fund the printing of LNT plastic reference tags which were distributed at the Boy Scout Jamboree in July.
- REI provided a three year grant to develop the Leave No Trace PEAK Kids Program.
- Galyan's continues their support of the Tools For Teaching Scholarship and Grant program.
- Clifbar granted dollars to help fund LNT plastic tags for distribution to LNT user groups.
- Trails Illustrated/National Geographic provided funding for the LNT kids tags.
- NEETF provided support for LNT's participation in National Public Lands Day in September.

**Watch for Leave No Trace Individual/Family Membership. Available this September!**

*cut along dotted line*

### I WOULD LIKE TO JOIN LEAVE NO TRACE!

Name/Title: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

email: \_\_\_\_\_

website: \_\_\_\_\_

Amount enclosed: \_\_\_\_\_

Visa/MC \_\_\_\_\_

Expiration date: \_\_\_\_\_

### Please send me more information regarding

- ✦ Corporate Membership
- ✦ Non-profit Membership
- ✦ Retailer, Outfitter, Guide Membership
- ✦ Individual Membership

### My check is enclosed & my sponsorship level is:

- ✦ Individual with T-shirt or baseball cap \$30
- ✦ Retailer, Outfitter, Guide \$150
- ✦ Non profit \$100
- ✦ Annual sales under \$100,000 \$150
- ✦ Annual sales under \$500,000 \$300
- ✦ Annual sales under \$1,000,000 \$500
- ✦ Annual sales under \$5,000,000 \$1000
- ✦ Annual sales under \$10,000,000 \$2,000
- ✦ Annual sales under \$15,000,000 \$4,000
- ✦ Annual sales under \$25,000,000 \$8,000
- ✦ Annual sales under \$50,000,000 \$10,000
- ✦ Annual sales under \$100,000,000 \$15,000
- ✦ Annual sales over \$100,000,000 \$25,000

# Leave No Trace and the National Park Service *Kelly Hartsell*


2001 is turning out to be quite a busy year for National Park Service Leave No Trace. Leave No Trace Master Educators are busy planning and preparing for the Boy Scout Jamboree scheduled for the end of July in Fort A.P. Hill, Virginia. National Park Service personnel will assist with Leave No Trace programs in two sites at the Jamboree.

The National Park Service is involved in a project with Master Educator Chuck Dunkerly at Harper's Ferry Design Center to complete a short video on Leave No Trace. The video will serve to introduce park visitors to the Leave No Trace program and principles and is designed to be used in visitor centers and backcountry offices, and as an introduction to Leave No Trace in training courses. The video should be completed by October of this year.

The National Park Service is also working closely with Amy Mentuck of LNT, Inc to coordinate a National Park Tour for the Subaru Traveling Trainer teams. Plans are underway to have the Traveling Trainers present trainings and outreach for personnel, concession employees, park visitors and local park user groups and associations at busy national parks during high visitation times.

As National Coordinator, I am in the process of planning for the 2001 Leave No Trace Conference. I have reserved space at the US Fish and Wildlife Service National Conservation Training Center in Shepardstown, WV which I think will be a wonderful venue for this gathering. In the past, federal agencies have held an annual Coordinators meeting, but I wanted to open this event up to the entire community. This conference will provide opportunities for educators from federal agencies, private and non-profit organizations, colleges and universities, Boy and Girls Scouts, and other groups to gather and discuss ways to promote and grow the program. The dates for the conference are October 30 - November 1, 2001 - so mark your calendar! More information will follow soon.

I would like to thank all the dedicated folks in the National Park Service who are out in the field promoting and teaching Leave No Trace. Please know that I am available to assist you in any way I can and can be reached at: email, [kelly\\_hartsell@nps.gov](mailto:kelly_hartsell@nps.gov) and by phone at 540-999-3489.



**Leave No Trace**  
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**(303) 442-8222**

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## 7 Principles of Leave No Trace

To:

- 1) *Plan Ahead and Prepare*
- 2) *Travel and Camp on Durable Surfaces*
- 3) *Dispose of Waste Properly*
- 4) *Leave What You Find*
- 5) *Minimize Campfire Impacts*
- 6) *Respect Wildlife*
- 7) *Be Considerate of Other Visitors*

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Leave No Trace