DNRT'S DOO-DOO-ABLE STRATEGIES FOR LAND MANAGERS

Addressing Dog-Related Concerns on Conservation Land







Presentation By; Leah McFarland

Land Steward

Dartmouth Natural Resources Trust

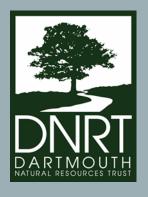


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DNRT's Land Management Dog-Related Issues



Dog Walking Trail Etiquette



DNRT's Strategies Implemented



Lessons Learned

DNRT'S LAND MANAGEMENT DOG RELATED ISSUES

- Dog poop on trail!
 - Gross
 - E. coli bacteria
 - Nitrogen source
- Dog fights/bites
 - Dog on dog
 - Dog on human
- Knocking trail users over
- Erosion on slopes to waterways
- Chasing/disturbing wildlife





DOG WALKING TRAIL ETIQUETTE

- I. Have Control Over Your Dog
- 2. Constant Vigilance
- 3. Be Respectful of Other Trail Users
- 4. Always Ask
- 5. Pick-up the Poop

STRATEGIES IMPLEMENTED

Local Newspaper Letter to the Editor

Educational Dog Signs

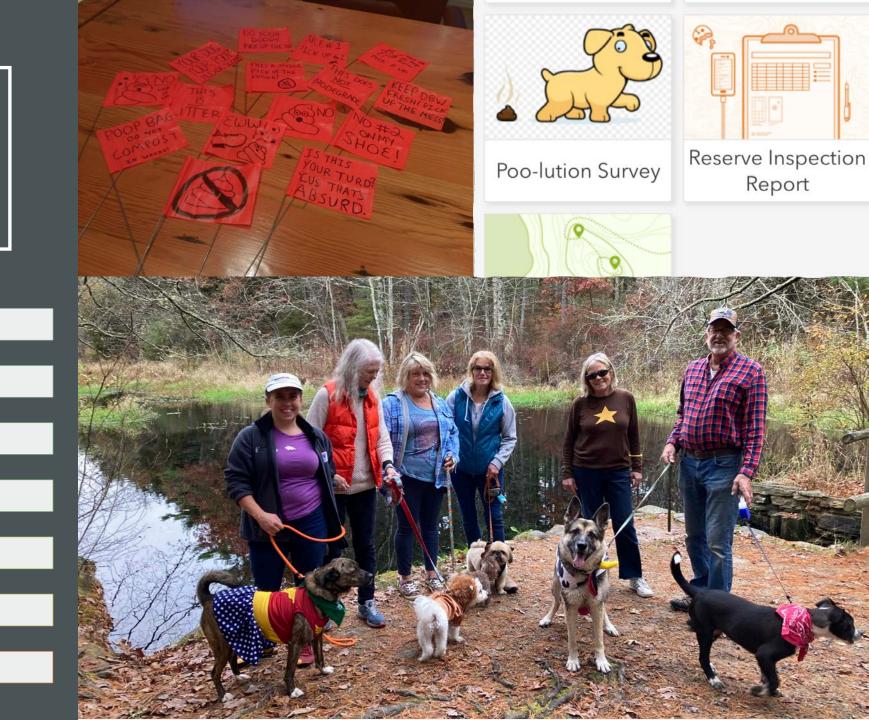
Staff Led Dog Walks

Poop Flags

Responsible Dog Walker Brochure

Poo-lution Survey

Partnership with Local Dog Trainer



LETTER TO EDITOR

PLEASE BE A RESPONSIBLE DOG OWNER!

BY LEAH MCFARLAND

There has been an increase in irresponsible dog walking on DNRT trails over the last few months, so I thought I would take the time to remind my fellow dog owners and walkers that they are legally responsible for their dog's behavior and actions while on DNRT reserves. Dogs must be under your control at all times, either by leash or voice command. Only dogs trained in recall are allowed off leash and they *must* respond to commands. If you cannot control your dog off-leash, then it shouldn't be off-leash in the first place!



This rule may seem unnecessary, however, this rule was created to keep all dogs and trail users safe! Imagine if your off-leash dog runs up

to another hiker and their dog. The other hiker knows that their dog is reactive to other canines, so chooses to keep their dog on a leash. You try to recall your dog, but it does not listen to you and continues to bother the other leashed dog. A fight breaks out and both dogs get injured. You are the once responsible for paying both vet bills, because *you are the one responsible* for your dog's behaviors and actions. This scenario has occurred on DNRT trails too many times.

DNRT reserves are privately owned and are open to the public. We have the right to create rules to ensure our trail users are safe. Please follow all posted rules so everyone can enjoy the trails. Thank you, from your fellow dog owner and DNRT Land Steward!

Posted in Dog Blog, News/Blog



STAY UP TO DATE WITH THE LATEST NEWS
AND INFORMATION FROM DNRT

DOG BLOG # 2: A MESSAGE FROM LEAH: PLEASE HELP ME BY PICKING UP YOUR DOG POOP

BY LEAH HOWARD, DNRT LAND STEWARD

The worst thing about walking a dog is picking up its poop and carrying the smelly bag throughout the duration of your walk. Usually it's the whole walk because, if your dog is like mine, it poops at the beginning of the trail out of sheer excitement of being outside. I do not enjoy picking up dog poop and I admit for years I did not, until I recently started to maintain trails on land trust properties. Then I encountered my worst nightmare: hitting a fresh pile of dog poop hidden behind tall grass as I weed whack along the trail. *Internal shudders!*

I do not enjoy being covered head to toe in dog poop. It does not smell nice and it tastes awful. Yes, sadly some of it lands on my lips. Please, rescue me from my living nightmare and pick up your dog poop!



Leah and her German Shepard, Ashe

After encountering my first spray of dog poop, I did some research on dog poop to make sure I was not going to die from ingesting it. To my dismay, I learned that dog poop contains bacterial like fecal coliform that cause cramps, diarrhea, intestinal illness, and kidney disorders in humans. Oh my! Dog poop also contains roundworms, tapeworms, and salmonellosis. Oh no!

If you are not concerned for my safety, please know that your **dog can get sick as well from other dog's poop** just like you and I can. Or if you have children, they are the most likely to get dog poop on them when walking a trail, because children are natural explorers and like to touch eventhing. Pick up your dog's poop and save other dogs children and









EDUCATIONAL DOG SIGNS

RESPONSIBLE DOG WALKING **BROCHURE**

- Passed out at all dog walks
- At DNRT Reserves
- Local vets offices



With thousands of acres of protected land and over 35 miles of trails, DNRT properties offer great places for outdoor exploration. Our properties and trails are multi-use, meaning not only can you walk and dog walk, but you'll often find folks cycling, horseback riding, and trail running.

Learn how to keep your dog safe, as well as how to make sure our properties are safe and welcoming for all who use them!



DOG

PO Box 70567

WALKING

We love our canine friends! Make sure to keep your dog and others safe while exploring our trails!



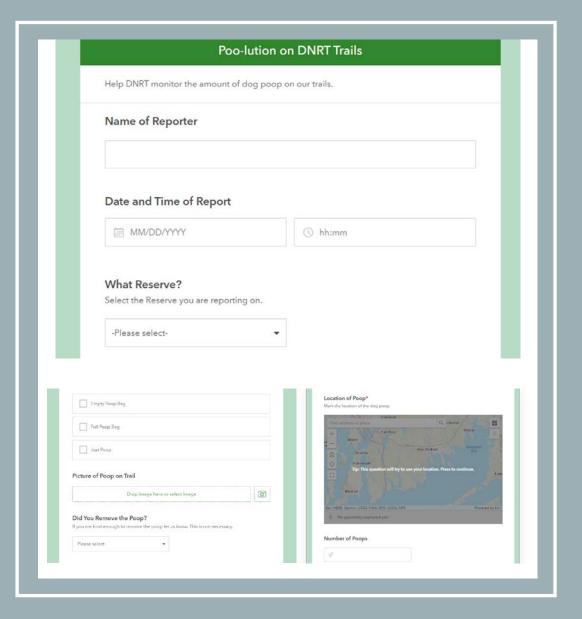
POOP FLAGS





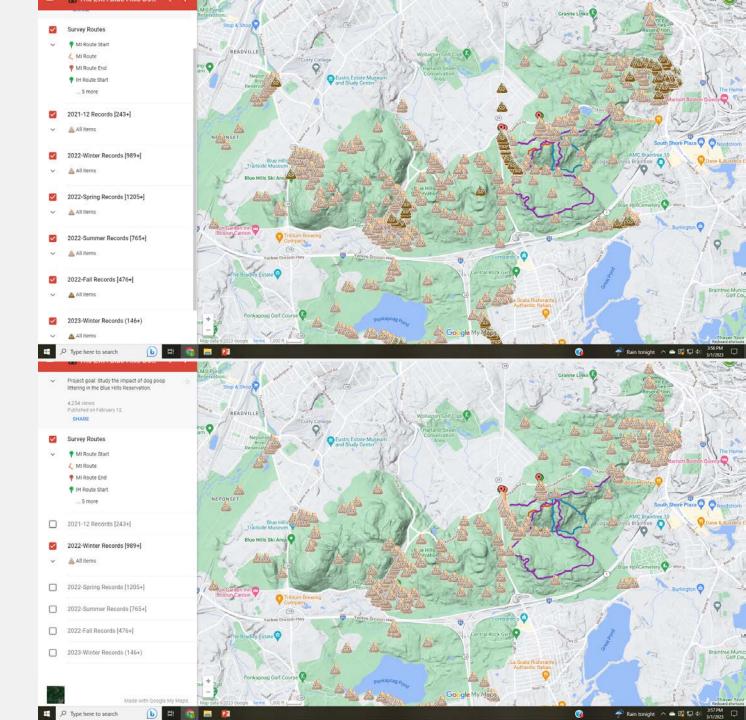
POO-LUTION APP



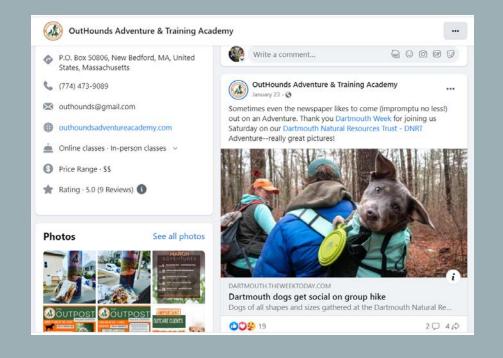


FRIENDS OF THE BLUE HILLS





OUTHOUNDS ADVENTURE WALKS







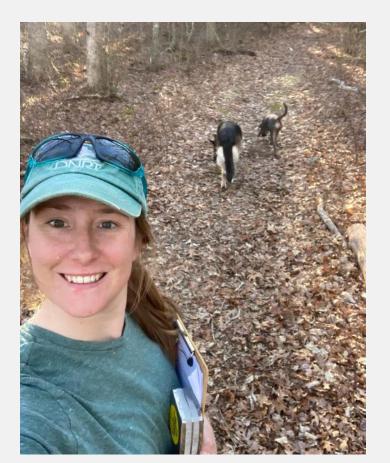




WHAT IS NEXT?

- Responsible Dog Walking Webpage
- Tabling Reserves
- Continue Partnership with OutHound Adventure
- DNRT's own Tails on Trails social dog walk

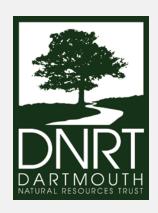




NEXT UP KELLY'S PRESENTATION ON LEARN.LEASH.LEAD PROGRAM

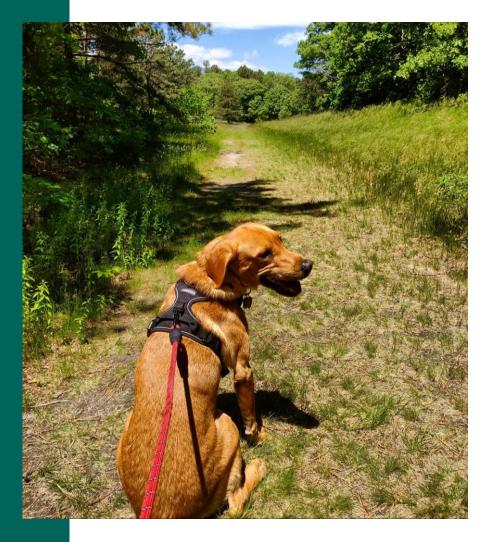


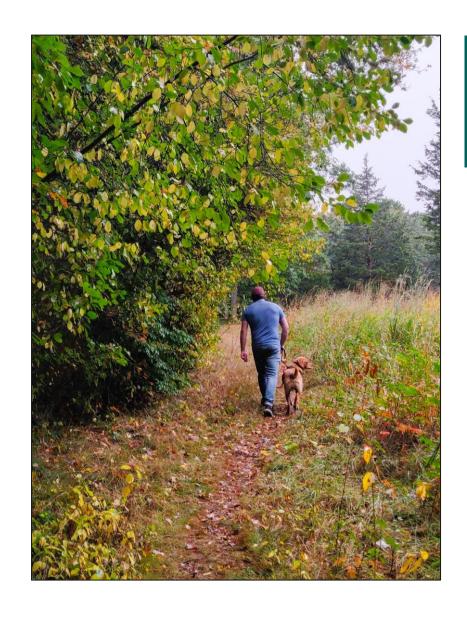
PRESENTATION BY: LEAH MCFARLAND LAND STEWARD, DNRT LEAH@DNRT.ORG (508) 491-8246





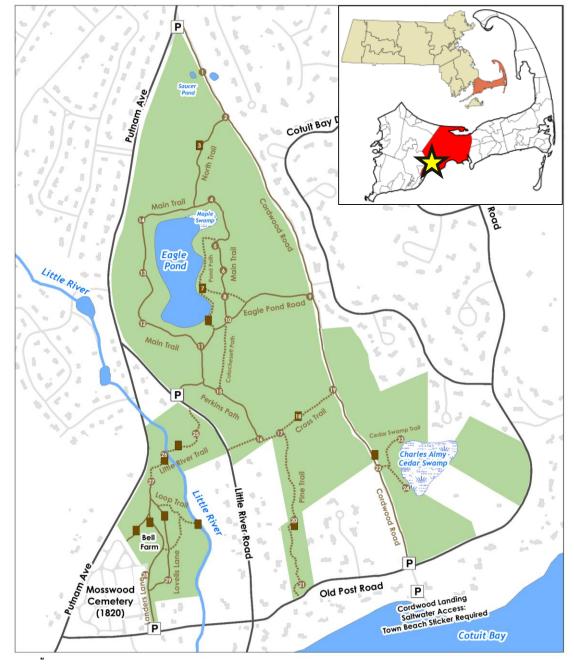
Learn.Leash.Lead A pilot initiative to address dog-walker issues on conservation lands





Presentation Outline

- Backstory
- Research & Campaign Design
- Volunteer Training and Reporting
- Program Launch
- Preliminary Results
- Key Takeaways
- Next Steps



Backstory: Eagle Pond & Little River Sanctuary

- 182.5 acres 4mi trail network
- 40+ years of public access
- Average 2 <u>reported</u> dog bite incidents annually
- Multiple complaints to BLT annually over phone and in person about dogs off-leash and dog waste

Previous Efforts

- Periodic efforts by previous land trust owners to engage with visitors on dog waste concerns
- Signs posted at all trail entrances to leash and pick up after pets
- Mutt Mitts and disposal bins provided at two high traffic areas

Research

Seven years in land trust network hearing dog issues raised/discussed frequently with no clear solutions

Three years in BLT role conducting passive observation, engaging with visitors with and without dogs, receiving calls/complaints/pleas for action, etc...

"I've been walking here for 30+ years."

Paper trail and discussions of observations/efforts from **previous land trust owners**

Sought input from regional land trusts. Preliminary success story from **Westport Land Conservation Trust.**

Barnstable Police allows/encourages BLT to call to issue a trespass for noncompliance with posted rules.

Initial Steps Needed – Approaching Campaign Design

Dec 2021: Enough is Enough — Staff/Land Stewardship Committee

Discussions; Begin Design for Campaign Proposal

Initial concerns: BLT already highly visible and under public

scrutiny around Twin Brooks golf course

Key Action Item: Submit proposal from LSC to BLT Board; Hope for approval

Dec 2021 toDiscussions within LSC meetings, including special meeting

Mar 2022: in March

April 2022: Proposal submitted to and **APPROVED** by BLT Board of Directors

Campaign Design

Communications: Public/Website/Social Media

- Learn.Leash.Lead Campaign Title to inspire education, awareness, and taking the lead
- Informational Brochure for in office and onthe-trail
- Speak at Cotuit Civic Association Board and Public Meeting
- Presence in Cotuit Currents (Civic Association monthly newsletter)
- Information on BLT Website
- Inclusion in BLT E-news on campaign and call for volunteers
- Social Media Series for duration of campaign
 - Share on Cotuit Connections Facebook page

On the Ground – On the Trails

- **Timeline:** Runs week of July 4th through last week of October (reach seasonal and yearround visitors)
- Call for Volunteers flyer posted at trailheads
- Call for Volunteers within BLT pool
- Volunteer Training/Orientation
- Volunteer 'Kit'
- Shift-SignUp System
- Reporting System
- Incognito observational period prior to launch

Dog Information

Barnstable Land Trust properties that allow leashed dogs:

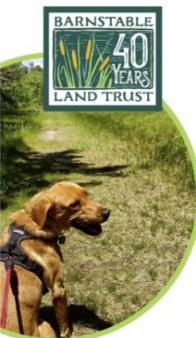


Andrews Property & Coombs Bog Ropes Field

Lowell Park Woodlands

Eagle Pond and Little River Sanctuary

Print the Learn.Leash.Lead pamphlet



Walk, don't run.

Looking for places to let your dog run off-leash?



Here are 4 nearby dog parks where your dog can run and have fun.

Barnstable Dog Park 1431 Phinneys Lane, Barnstable

Falmouth Dog Park 257 Brick Kiln Rd, East Falmouth

Mashpee Dog Park 156 Ashumet Road, Mashpee

Yarmouth Dog Park 452 Buck Island Road, West Yarmouth

Honoring the Past, Protecting the Future

Inviting dogs to enjoy our trails with their owners is a privilege that many people appreciate. Thank you for understanding why our Learn.Leash.Lead, campaign is so

important to ensuring these rules are honored, and that this privilege is



For questions, comments, or to volunteer to support this campaign contact: Kelly Barber, Director of Land Stewardship at kelly@blt.org or 508-771-2585 x 102,



Barnstable Land Trust is a community-supported nonprofit whose mission is to eserve the natural resources and special slaces in the Town of Barnstable and nearb vas. Visit blt.org to find out more.

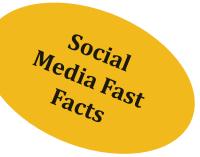


Did you know? Even if your dog is friendly, not everyone will feel safe in their presence. By keeping your dog leashed, you are helping keep Barnstable Land Trust properties safe for everyone to use.



1540 Main Street, West Barnstable (508) 771-2585

LLL Social Media Campaign Posts





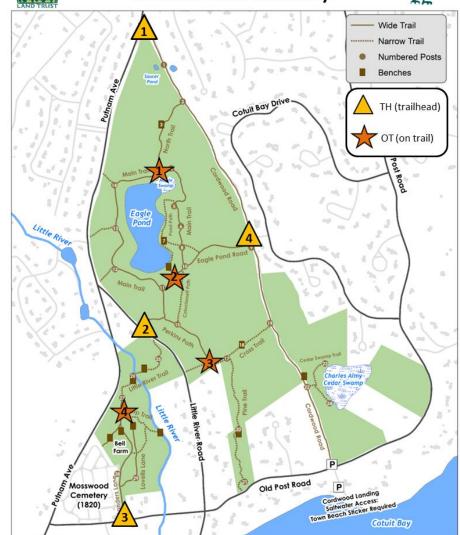
Learn.Leash.Lead

Be part of a campaign to keep our historic trails clean, green, and serene.



Trail Monitoring Stations for Eagle Pond and Little River Sanctuary





On the Ground – On the Trails: Structure

Objective: Create an engagement structure that does not draw a lot of time from staff/volunteers but has a high likelihood for positive impact towards end goal

Goal: Observe measurable improvement in dog-leashing and possible waste removal

Operating Timeline: July – October (18 weeks)

1hr shifts targeting peak dog-walking times

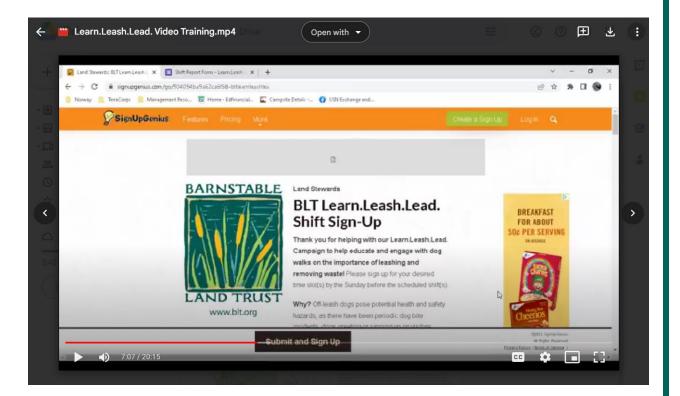
Shift Availability:

- Wednesdays 8-9am; 4-5pm
- Thursdays 8-9am; 4-5pm
- Saturdays 8-9am; 12-1pm; 4-5pm

Volunteer Roles

- Stations: Volunteers at stations in pairs to engage with any/all visitors
- Walking: Volunteers can walk trails independently, engaging with visitors as they feel comfortable

Volunteer Training



Volunteer Training Formats:

- June 2022: Hybrid 1hr session (In-person / Zoom session)
- During Program: 20min Video Recording with follow-up conversation with BLT rep

Training Content:

- Thank You
- History of Issue and Objective of Program
- Setup of Shifts and Provided Volunteer Materials
- Shift Structure/Requirements; Signing Up;
 Reporting
- Volunteer Code of Conduct
- Communication Tactics and Sample Interactions
- Weekly Communications from BLT
- Thank You



Barnstable Land Trust - Eagle Pond and Little River Sanctuary

Training Guide for Learn.Leash.Lead. Volunteers

Background and Campaign Purpose

Eagle Pond and Little River Sanctuary has been a popular place for people to walk and for visitors with dogs to walk their dogs. It has only grown in popularity over the decades, and as such there has been an observed increase in off-leash dogs and dog waste left behind. Eagle Pond and Little River Sanctuary is 182.5 acres with a 4-mile trail network throughout. Originally protected by Mary Barton Land Conservation Trust, full ownership and stewardship was transferred to BLT in 2011.

In speaking with users on trails, there is a clear community value for people to be able to bring their pets on trails. There are many responsible dog owners that leash and pick up after their pets, but there are also many visitors that ignore or are not aware of these rules. Eagle Pond and Little River Sanctuary was primarily conserved to protect sensitive wetlands and provide vegetated buffer to Eagle Pond and Little River while providing an area for people to passively connect with nature.

Off-leash dogs pose potential health and safety hazards, as there have been periodic dog bite incidents between dogs, dogs greeting or jumping up on visitors without permission, frequent dog waste left behind, and other unpleasant encounters. There are also visitors that are fearful of dogs, and the risk of encountering a dog off-leash is enough for them to avoid visiting the sanctuary. Dog waste can pose a serious health hazard as it can contain bacteria hazardous to dog, human, and wildlife health on the ground, and potentially leach into our watershed, polluting water bodies, groundwater, and shellfish beds. It is also high in nitrogen and phosphorous, which kills vegetation instead of helping it grow, damaging the valuable wildlife habitat we have protected and further threatening clean water.

Over the years, we have received many comments from people with and without dogs who have stopped visiting due to off-leash dogs and negative dog-related experiences. It is important for BLT to restore the sanctuary as a place where visitors feel welcome and safe. There have been many observations and reports of dog owners refusing to follow posted leash rules as if the rules should not apply to them. BLT needs to remind these visitors that noncompliance with the rules will not be acceptable and consequences, such as being instructed to leave the sanctuary, may result from refusing to follow posted rules. If BLT does not see improvement in rule compliance throughout this campaign, we may have to make the difficult decision to no longer allow dog walking at the Sanctuary.

Your Role:

Thank you for volunteering to engage with visitors of the sanctuary. Our purpose is to positively engage with and educate visitors. There is the opportunity to improve compliance with the rules that apply to dogs, if you feel comfortable, but our main purpose is to represent Barnstable Land Trust in a positive manner, communicate the concerns of visitors, and constructively educate visitors on why our posted rules are in place. Your help is crucial, and we greatly appreciate you.

Volunteer Training Guide

Content:

- Background and Campaign Purpose
- Your Role [as a volunteer]
- Time Frame [for 2022 campaign]
- Shift Structure and [how to] Sign-Up [links]
- Trail Monitoring Station Map
- [Materials] Volunteers are Provided With
- Reporting [Process and Form Links]
- Rules of Conduct
- Steps for Rule Enforcement
- Suggested Language for Potential Scenarios
- Thank You Acknowledgement
- Kelly Barber Contact Info

Volunteer Rules of Conduct

- Volunteers will only operate in pairs.
- Volunteers will always greet individuals in a positive and friendly manner and will maintain calm composure.
- Volunteers are encouraged to engage with compliant walkers and thank them for leashing dogs and being prepared to pick-up after them (if dog bags are observed).
- Volunteers must always wear their vests and name badge.

Do...

- Represent BLT in a professional and positive way.
- Listen to the visitors' comments and concerns.
- **Be respectful** when listening to a visitor's comments, no matter how inflammatory.
- Acknowledge and thank visitors who are following the rules.
- **Be aware of body language**, keep an open position
- Look the visitors in the eyes when speaking to them.

Do Not...

- Blame, speculate, or use inflammatory language.
- **Interrupt a visitor** when they are giving their comments or concerns.
- Raise your voice.
- **Escalate the situation.** If you start to feel upset, take three deep breaths, thank the person for visiting and have them continue on the trail.
- Have defensive body language, do not cross arms
- Wear sunglasses while speaking to visitors

Remember! You are a representative of Barnstable Land Trust. We must maintain a cool, calm, and collected composure and engage with people positively, no matter if their attitude is different. All personal opinions must be kept to yourself unless they represent the opinions of BLT outlined here.

Steps for Rule Enforcement

- 1. Observe the infraction (ex. dog off leash, dog waste not picked up)
- 2. Engage with the owner positively, greeting the owner and dog. Identify yourself as a BLT volunteer
- **3. Transition content in conversation** to remind them to leash and/or pick up waste (whatever infraction was observed). Explain why it is required by BLT and that having dogs is a privilege and may be removed if we do not see everyone leashing and picking up after pets.

Continue with the following steps only if you feel comfortable. The conversation can be ended at each step.

- 1. Optional: If the owner refuses to pick up waste or leash pet, owner will be asked to leave:
- 2. Optional: If the owner refuses to leave, volunteers may call the police and request they arrive to issue a trespass on the individual. The individual must still be present when police arrive for a trespass to be issued.

Note: If individual proceeds to leave at any point, volunteers will not follow the individual to ensure they have left. This may escalate the situation.

Suggested Language for Potential Scenarios (Examples Drawn from Guide)

Greetings: If dog on-leash/off-leash; If owner observed removing pet waste/leaving pet waste behind

Follow-up

- Summary of reasons for Why do dogs have to be on leash?; Why must dog waste be removed?
- If owner becomes defensive; If owner refuses to leash pet/remove waste; If visitors does not agree to leave

Common comments you may receive and how to respond

- "My dog is well-trained. S/he stays by my side and listens when I call him/her."
- "My dog needs to run free."
- "My dog is friendly."
- "I have been walking here for XX years."
- "I am a BLT member."
- "This has been allowed for years. Why the sudden change?"
- "Dog poop will just dissolve. It is a part of nature."

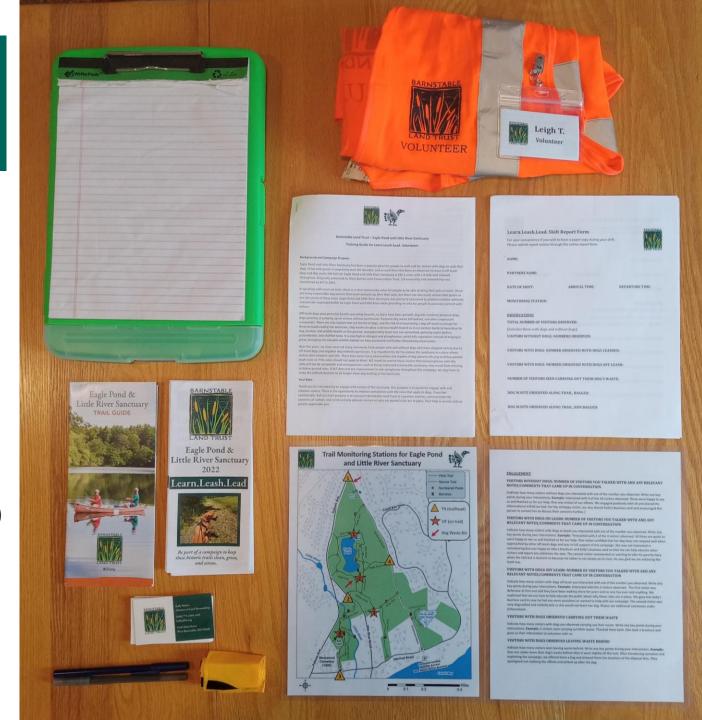
Volunteer Materials Checklist

Attire

- ✓ BLT Volunteer Vest
- ✓ BLT Volunteer Name Tag

Clipboard Contents

- ✓ Volunteer Training Guide
- ✓ Laminated Trail/Monitoring Station Map (Rear: Snapshot Fast-Fact and Code of Conduct reminders and Key Contact info)
- ✓ Notepad
- ✓ Fast Tally Paper Report Forms (if desired)
- ✓ Laminated Detailed Reporting Guide (double-sided)
- ✓ Eagle Pond & Little River Sanctuary Maps
- ✓ Learn.Leash.Lead Brochure
- ✓ Kelly Barber Business Cards
- ✓ Dog Poop Bags
- ✓ Pens



Shift Signup through

- Volunteers Sign up by Sunday of the week



Weekly Emails

- Assigning volunteer sign-ups to stations and sharing any gaps in partners

Reporting

- Online Reporting through Google Forms (due within 1 week of shift)

Reporting Measures

Observations

- Visitors observed (total, w/ dog, w/o dog; with dog on-leash, off-leash)
- Visitors observed carrying out dog waste
- Dog waste observed along trail (bagged; not bagged)

Engagement

- Document interactions with any and all visitors engaged with
 - Examples of reporting summary provided for each

Enforcement

- Document conversation if visitor asked to leave and if police were called to issue trespass

Shift Sign-Ups and Reporting

Launch!

Program Duration

Progress,
Communications,
and Challenges
Along the Way

Start: Focus on improving leashing and visitors becoming familiar with our presence and care

18 Weeks of Implementation: Weekly emails of shift-signups, shift partner needs, relevant observations/feedback if needed

 Included Monthly reports of data summaries/trends to Volunteers

Mid-Season Meetup end of August seeking feedback

- Review of general trends with volunteers
- Positive general impressions from volunteers; Volunteers feeling motivated; Complimented structure of program as set up for volunteer safety/comfort and positive community impression
- Volunteers recommend increasing shift availability to reach more visitors - Changed shift structure as a result
- Encouraged recruitment of regular visitors as volunteers

Challenges

- **Town:** No support from Town Animal Control
- Volunteers:
 - Following up to get reports in timely and to sign up for shifts
 - QA/QC of Data

2022 Results

Implemented By: 11 volunteers, 3 service members, 2 BLT staff

Overall Takeaways:

 Quantitative: Data holds little weight based off of small samples; Good for snapshot of conditions

	June	July	August	September	October	Totals
# Visits by Volunteers	6	12	11	15	4	48
Total Visitor Encounters	41	109	79	98	28	355
% Visitors w/o dogs	63%	50%	42%	54%	57%	51%
% Visitors w/ Dogs	37%	50%	58%	46%	43%	49%
%Visitors w/ dogs on-leash	53%	85%	76%	78%	58%	76%
%Visitors w/ dogs off-leash	47%	15%	24%	22%	42%	24%

Qualitative: Observed behavioral improvements in repeat individuals; Positive interactions with public and appreciative comments

The greatest outcome of this campaign was the increased visibility and community awareness of Barnstable Land Trust

Additional Takeaways and Tips for Success



Positive behavioral change can happen with limited staff/volunteer time (**84 total hours** – 58 volunteer; 36 staff/service member)

Social Media is a support tool, but in-person interaction is the most critical element

Tips for a Successful Program:

- Positive presence when engaging members of the public
 - Be a dog ally/friend
 - Be welcoming, caring, and patient
 - Have a 'benefit of the doubt' attitude
 - Stay cool, calm, collected
- Pair structure for volunteers is best
 - <u>Camaraderie</u>
 - Safety
 - Teamwork
 - Accountability
- Communicate your results with your volunteers.

 Encouragement, appreciation, and reminding that they are making a difference, no matter how small, is key.
- Community Support: From Town officials and 'peer enforcers'

2023 – Program Continuation and Expansion

Continuation: Year 2 of program at Eagle Pond & Little River Sanctuary Collect more data and incorporate more language on dog waste issues

Expansion: Add program to 3 other BLT trails where dog-walker issues are present or developing

2023 Timeline

Mid March	2022 Volunteer Input Meeting for 2023		
End March -Mid-April	Trail Cameras - Review visitation/conditions at all 4 sites		
End March	Signs posted at all sites informing of campaign, reasons for leashing/waste removal, recruiting volunteers		
Mid-April	Volunteer Training/Review for 2023		
May 1 - October 31	Campaign Duration		
End of June	First Volunteer Check-In/Touch-Base 2023		
End of August	Second Volunteer Check-In/Touch Base 2023		
Mid November	2023 Wrap-Up/Review/Plan for 2024		

Momentum Builds Momentum: Hope that our signs of success and 'we survived the pilot' will recruit more volunteers and public awareness/support

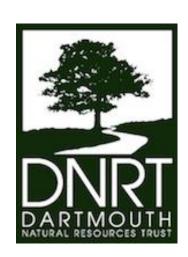


© Smiles for Stewardship.



⊗ Frowns for so much dog poop!

Questions & Discussion



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Kelly Barber

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Shameless shout-out to TerraCorps and the Buzzards Bay Coalition. We owe our careers to the experiences provided by these organizations.