

MASSACHUSETTS ENVIR^{THON}



Thursday, May 12, 2011 | Great Brook Farm State Park, Carlisle, Mass.

PROGRAM

Wrap-up Edition

Success!

We came from communities all across Massachusetts to take part in the 2011 Massachusetts Envirothon.

What we share: A concern for our common wealth – the wealth we hold in common – our communities and the environmental systems they depend upon.

It's not enough to care about the environment. We need to understand as best we can how natural systems work and how we can manage our impact upon them. And it's not enough to understand. We need to take action.

The Envirothon competition aims to be a fun, challenging way to prepare for action (and if you were there and visited the roundtables, you were likely to meet teams who have already taken action).

At the 2011 Massachusetts Envirothon, teams stepped up to the challenge, but also took time to find joy in being outdoors (whatever the weather!) and to meet new people who share their interests and concerns.

What a great day!

Will Snyder

Will Snyder, Chair
Massachusetts Envirothon Committee
UMass Extension



Great Brook Farm State Park

This Year's Teams

Teams in bold competed on May 12th.

Acton-Boxborough Regional High School
Ashland High School
Barnstable High School
Bedford High School
Boston College High School
Bristol County Agricultural High School
Chelmsford High School
David Prouty High School, Spencer
Doherty Memorial High School, Worcester
Greater New Bedford Vo-Tech
Greenfield High School
Groton-Dunstable High School
Hoosac Valley High School
Hopkinton High School
Leicester High School
Lexington High School
Lunenburg High School
Millbury Jr. Sr. High School
Monson Environmental Action Team
Mount Everett Regional School
Mohawk Trail Regional High School
Newton North High School
Nipmuc Regional High School
Old Rochester Regional High School
Oliver Ames High School, N. Easton
Pioneer Valley Regional School
Provincetown High School

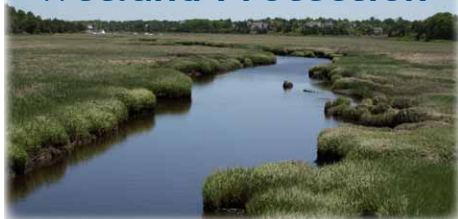
Quabbin Regional High School
R.C. Mahar Regional School, Orange
Reading Memorial High School
Rockport High School
Salem High School
Somerset High School
South Hadley High School
Southeastern Regional Vo-Tech, S. Easton
Sutton High School
Tabor Academy
Taconic High School
Tantasqua High School, Sturbridge
Weston High School/Land's Sake
Worcester Technical High School

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2011 Current Issue

Wetland Protection



Schedule

7:30	Registration for volunteers and judges Registration for teams <ul style="list-style-type: none"> Teams will be assigned to their stations and presentation tent number Coaches and alternates assigned schedule and presentation tent number
8:00	Orientation for volunteers and judges Team pictures
8:30 - 8:45	WELCOME and announcements
9:00 - 9:30	First station for teams Coaches begin rotation Alternates begin program
9:40 - 10:10	Second station for teams Coaches continue rotation
10:20 - 10:50	Third station for teams Coaches continue rotation
11:00 - 11:30	Fourth station for teams Coaches continue rotation
11:40 - 12:10	Fifth station for teams Coaches continue rotation
12:15 - 2:00	LUNCH Explore test stations Team roundtable discussions Group photo Evaluations
2:00	Announcement of winners and Community Awards



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Massachusetts Envirothon Steering Committee

Will Snyder

Chair, Massachusetts Envirothon Committee
University of Massachusetts Extension

Susan Benoit

Vice Chair, Massachusetts Envirothon Committee
Massachusetts Division of Fisheries and Wildlife (MassWildlife)

Liz McGuire

Treasurer, Massachusetts Envirothon Committee
Middlesex Conservation District

Doris Wood

Secretary, Massachusetts Envirothon Committee

Brita Dempsey

Massachusetts Envirothon Coordinator

Tom Anderson

Massachusetts Executive Office of Energy and Environmental Affairs

Meg Colclough

Massachusetts Executive Office of Energy and Environmental Affairs

Fred Farmer

Massachusetts Association of Conservation Districts

Julie Martin

Massachusetts Department of Conservation and Recreation

Joe Perry

Massachusetts Department of Conservation and Recreation

Clif Read

Massachusetts Department of Conservation and Recreation

George Zoto

Massachusetts Department of Environmental Protection

Non-voting Steering Committee Members

Al Averill

USDA Natural Resources Conservation Service

Bill Dunham

Belmont Enterprises

Jim Lafley

Massachusetts Department of Conservation and Recreation

Donald Lambert

Hampden Conservation District

Pam Landry

Massachusetts Division of Fisheries and Wildlife (MassWildlife)

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Executive Office of Energy and Environmental Affairs

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Jim Lafley

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Dominique Pahlavan

Massachusetts Executive Office of Energy and Environmental Affairs

Joe Perry

Massachusetts Department of Conservation and Recreation

Clif Read

Massachusetts Department of Conservation and Recreation

Will Snyder

University of Massachusetts Extension

George Zoto

Massachusetts Department of Environmental Protection

What happens at an Ecostation?

At the Massachusetts Envirothon, teams rotate through four ecostations, in addition to giving their Current Issue presentation. Each ecostation has a different emphasis: forestry, soil, water and wildlife.

When students arrive at each ecostation, the examiners instruct them to get into their distinct teams. Teams listen to examiners for a brief time to become familiar with that station, its questions and any other special instructions.

It's then up to the team to determine their strategy in taking the exam. They can break up and use individual strengths (for example, one or two people focus on species ID, while the others do the written section), or go through the exam as a team.

The ecostations generally incorporate questions that are:

- **Written** - multiple choice, true or false, or fill-in-the-blank.
- **Practical** - This may include species identification, questions that relate to the soils or habitat surrounding the station, and hands-on activities.



2011 Results

Competition Winners

Overall Score

- 1st Lexington High School
- 2nd Monson Environmental Action Team
- 3rd Southeastern Regional Vo-Tech

Forests Ecostation

- 1st Lexington High School
- 2nd Pioneer Valley Regional School
- 3rd Newton North High School
- 4th Quabbin Regional High School
- 5th Southeastern Regional Vo-Tech

Soils Ecostation

- 1st Lexington High School
- 2nd Monson Environmental Action Team
- 3rd Bristol County Agricultural High School
- 4th Weston High School/Land's Sake
- 5th (tie) .. Southeastern Regional Vo-Tech
Old Rochester Regional High School
Acton-Boxborough Regional High School

Water Ecostation

- 1st Lexington High School
- 2nd Greater New Bedford Regional Vo-Tech
- 3rd Acton-Boxborough Regional High School
- 4th Tantasqua Regional High School
- 5th Bristol County Agricultural High School

Wildlife Ecostation

- 1st Monson Environmental Action Team
- 2nd Lexington High School
- 3rd Bristol County Agricultural High School
- 4th Tantasqua Regional High School
- 5th Pioneer Valley Regional School

Wetlands Protection Presentation

- 1st Quabbin Regional High School
- 2nd David Prouty High School
- 3rd Acton-Boxborough Regional High School
- 4th Lexington High School
- 5th Monson Environmental Action Team



Participant Comments

Judges & volunteers

- I enjoy seeing the young people. They are opening their minds to new topics outside the classroom
- Got a sense of what youth today are involved in environmentally as well as some misconceptions held as part of general public
- Good networking, always fun to meet folks from other fields.
- Great experience to see kids interested in wetland protection
- Great insight into project based learning
- Impressed by interest of students and ability to interpret environmental issues
- Next generation viewpoints: a big benefit for us judges
- Seeing a generation of young people excited about solving environmental problems
- The range of projects was fascinating as was the range of students in the Envirothon. I like the huge DCR/agency support and participation. Good to see positive interaction between teenagers and adults!
- It is great hearing from such smart and engaged young people and all the community service they are doing! This is a fabulous way to connect high school education with real life environmental stewardship. Keep it up!
- Great day for students and volunteers. You can really see the teamwork and how much the kids care about the issues which is the best part.
- The best part about the day: Passing on the torch

Coaches

- This was my first Envirothon and I LOVE it. This is an extremely well-organized event. The presentation was a truly authentic learning experience for the students.
- Y'all do a great job! Team really embraced the community work.
- Loved the farm tour. Liked getting the preview of next year's topic. Extremely beautiful place!

Teams

What did you gain from your Envirothon experience this year?

- The value of nature and its beauty
- I will be able to identify many different species of plants in my town
- I gained much info for my senior project
- Knowledge about wildlife. I can use it when adventuring or camping.
- I learned the importance of wetlands in our community
- Knowledge of where wetlands are, recognizing wetlands on maps
- Certifying our vernal pool and identifying wetlands
- How to protect a wetland, their values and their roles in my community
- Ability to educate others about environmental protection
- The presentation allowed me to explore issues facing my own town as well as increasing my ability to analyze a situation and draw conclusions
- I learned different things from my team mates
- How cool environmental science is
- Little causes can create big effects - small group like Envirothon can achieve a lot

Community Research Award

- David Prouty High School
- Doherty Memorial High School
- Greater New Bedford Voc-Tech
- Monson Environmental Action Team
- Mount Everett High School
- Pioneer Valley Regional School
- Quabbin Regional High School
- Somerset High School
- Southeastern Reg. Voc-Tech

Community Action Award

- David Prouty High School
- Greater New Bedford Vo-Tech
- Monson Environmental Action Team
- Mount Everett High School
- Quabbin Regional High School

Wetland Protection

Background

Wetlands perform critical ecosystem functions and provide important values to human society through their natural functions. Massachusetts was an early leader in providing legal protections for wetland functions and values.

The Massachusetts Wetland Protection Act (WPA) regulates work in and adjacent to wetland resource areas, and it vests the primary responsibility for enforcing the law in the municipality where the wetland is located. With very few exceptions, anyone wanting to do work in or near a wetland must obtain a permit from the local Conservation Commission, which sets out specific conditions for the project.

Under the WPA, individual municipalities are allowed to strengthen legal protections for wetlands within their boundaries. Many towns have done this through adoption of a local wetland protection bylaw.

Many of the open spaces we enjoy in our communities have remained in a natural state over the past 40 years because they are associated with wetlands and protected by the WPA.

The work of identifying and delineating and monitoring wetlands has produced new scientific understanding, and the requirement to protect wetlands during and after construction has led to green technology development.

The ecosystem services provided by wetlands have saved Massachusetts communities many dollars in flood control, water purification, and more.

At the same time, some view wetland regulations as interfering in the exercise of landowner property rights. Wetland regulations have sometimes been cited as the cause of unreasonable delays and obstacles to economic development. Prime areas in Massachusetts communities are often off limits to construction and subject to limits on recreational use because of wetland protection.



Envirothon Maps

Each Mass Envirothon team receives a high quality, large scale map of their home community. The maps are designed to highlight the spatial dimensions of the year's Current Issue.

The Massachusetts Executive Office of Energy and Environmental Affairs develops these maps and provides them to teams as a benefit of registration.

Teams are encouraged to use the maps both for field exploration and in their presentation to judges.

Laws are only one element of effective wetland protection. A scientifically literate citizenry, with strong environmental stewardship values and skills for effective action, is another.

The Problem

Teams have been asked to help their municipalities to evaluate wetland protection in their town.

- ✓ Are wetlands being adequately protected?
- ✓ Has the town been over-zealous, protecting wetlands at the expense of other important values?
- ✓ What is the town's responsibility to the next generation?
- ✓ Is this responsibility being exercised?
- ✓ What needs to be done with regard to wetlands to assure the brightest future for the community?

To make a strong case, teams must demonstrate a thorough knowledge of the wetlands of their communities, including the functions and values they provide for people and the ecosystem as a whole, and the threats to these functions and values, now and in the future.

Teams should be able to speak about the relative importance of individual wetlands, as well as about wetlands in general. They must also demonstrate understanding of the effectiveness of current protections, such as local bylaws, open space plans, volunteer and paid time devoted to wetland protection, and an environmentally literate citizenry, as well as differing opinions on wetland protection.

How it works

Teams make their presentations to a panel of about eight judges. The judge's job is to listen, ask good questions, assess the team's work, and give feedback on their research, their proposal, and their presentation.

Teams have 15 minutes for their presentation, followed by a 10-minute period when the judges can ask questions.

Five of the judges will give the team a number score, while the others focus on providing written comments. An average will be generated to give the team a score for the competition. ♦

Community Awards

Teams work hard to prepare for their Massachusetts Envirothon Current Issue presentations and they deserve recognition for this work!

The Community Awards are presented to teams who do thorough and wide-ranging Current Issue research and teams that take action in a service project based on what they learn.

The Community Awards provide important visibility for teams, schools and communities. These awards are optional and noncompetitive.

Current Issue Presentation Judges



- **Paul Barten**, Ph.D., Professor, UMass Dept. of Environmental Conservation
- **Linda Benevides**, Environmental Engineer, Exec. Office of Energy & Environmental Affairs
- **Matthew Burne**, Conservation Director, Walden Woods Project
- **Samantha Overton Bussell**, Deputy Director, Mass. Dept. of Conservation and Recreation, Division of Urban Parks
- **Calvin Chase**, President, Mass. State Grange
- **Neil Clark**, The Writing Company
- **Dan Clark**, Director, Natural Resources Section, Mass. Dept. of Conservation & Recreation
- **Christine Clarke**, State Conservationist, USDA Natural Resources Conservation Service
- **Marjorie Cooper**, Supervisor, Worcester County Conservation District
- **Stephanie Cooper**, Assist. Secretary for Land & Forest Conservation, Exec. Office of Energy & Environmental Affairs
- **Melissa Cryan**, Parkland Acquisitions and Renovations for Communities (PARC) Grant Coordinator, Exec. Office of Energy & Environmental Affairs
- **Lee Curtis**, Ecological Scientist, BSC Group, Inc.
- **Kathleen Davis**, Ph.D., Associate Professor, Science Education, UMass School of Education
- **Paula Davison**, Civil Engineer, Mass. Dept. of Conservation & Recreation, Division of Water Supply Protection
- **Maryann Dipinto**, Environmental Analyst, Mass. Dept. of Environmental Protection, Wetlands Protection
- **Christy Edwards**, Director of Capital Planning/Land Acquisition, Mass. Dept. of Fish & Game
- **Matthew Evans, Ph.D.**, Assist. Professor of Chemistry & Geology, Wheaton College, Dept. of Chemistry,
- **Linda Eyster**, President, Mass. Assoc. of Science Teachers
- **Nancy M. Eyster-Smith, Ph.D.**, Associate Professor, Bentley University, Dept. of Natural & Applied Sciences,
- **Jennifer Fish**, Director, Service Forestry Program, Mass. Dept. of Conservation & Recreation
- **Christy Foote-Smith**, Director, Drumlin Farm Wildlife Sanctuary, Mass. Audubon Society
- **Kurt Gaertner**, Director of Sustainable Development, Exec. Office of Energy & Environmental Affairs
- **Mike Gildesgame**, Policy Manager, Appalachian Mountain Club
- **Mary Griffin**, Commissioner, Mass. Dept. of Fish & Game
- **Bruce Griffin**, Senior Scientist, New England Environmental, Inc.
- **Michele Grzenda**, Weston Conservation Agent, Mass. Assoc. of Conservation Commissions
- **William Harman**, Westford Conservation Trust
- **John Hayes**, Ph.D., Professor, Department of Geography, Salem State University
- **Doug Hjorth**, Principal Scientist, Louis Berger Group, Inc.
- **Ellie Horwitz**, Chief of Information & Education, MassWildlife
- **Arthur Hughes III**, Legal Counsel, Exec. Office of Energy & Environmental Affairs
- **Barbara Kickham**, Mass. Dept. of Environmental Protection, Central Reg. Office
- **Kenneth Kimmel**, Commissioner, Mass. Dept. of Environmental Protection
- **Edward M. Lambert, Jr.**, Commissioner, Mass. Dept. of Conservation & Recreation
- **Andrea Langhauser**, Senior Planner, Mass. Dept. of Environmental Protection, Waterways Regulation Program
- **Marion Larson**, Information & Education Biologist, MassWildlife
- **Joseph Larson, Ph.D.**, Professor, retired, The Environmental Institute, UMass
- **Don Lewis**, Exec. Director, Mass. Assoc. of Conservation Districts
- **Paul Lyons**, Environmental Analyst, Mass. Dept. of Conservation and Recreation, Division of Water Supply Protection
- **Robert McCollum**, Environmental Analyst, Mass. Dept. of Environmental Protection - Wetlands & Waterways
- **Gregor McGregor, Esq.**, Attorney, McGregor & Associates
- **Ray McKinnon**, Ranger, Mass. Dept. of Conservation & Recreation - Blue Hills Reservation
- **Carl Melberg**, Refuge Planner, U.S. Fish and Wildlife Service, Eastern Mass. NWR Complex
- **Terry Miller**, Field Representative, USDA Forest Service, State & Private Forestry
- **Bill Moulton**, Engineering Supervisor, Mass. Dept. of Conservation & Recreation, Div. of Water Supply Protection
- **Robert O'Connor**, Director of Land & Forest Policy, Exec. Office of Energy & Environmental Affairs
- **Melissa Patterson**, Conservation Service Manager, Student Conservation Association, Mass.
- **Anne Phelps**, Senior Environmental Planner, City of Newton
- **Theresa Portante-Lyle**, Wetland Scientist
- **Bill Pula**, Reg. Director, Mass. Dept. of Conservation and Recreation
- **Vandana Rao**, Assist. Director for Water Policy, Exec. Office of Energy & Environmental Affairs
- **Heidi Ricci**, Senior Policy Analyst, Mass. Audubon Society
- **Celia Riechel**, Grant Program Coordinator, Exec. Office of Energy & Environmental Affairs
- **Mary Rimmer**, Rimmer Environmental Consulting, LLC
- **Rob Rizzo**, Bioenergy Program Manager, Mass. Dept. of Energy Resources
- **Alice Rojko**, Environmental Analyst, Mass. Dept. of Environmental Protection
- **Brian Shanahan**, Reg. Director, Southeast Mass. Division of State Parks & Recreation
- **Joseph Shoenfeld**, Director, Communications & Marketing, UMass Center for Agriculture, College of Natural Sciences
- **Debbie Shriver**, Project Manager, Mass. Watershed Coalition
- **Erin Snook**, Community Outreach Coordinator, Sudbury Valley Trustees
- **Scott Soares**, Commissioner, Mass. Dept. of Agricultural Resources
- **Marcia Starkey**, Tower Hill Consultants
- **Jennifer Steel**, Board member, Mass. Assoc. of Conservation Commissions
- **Rick Sullivan**, Secretary, Exec. Office of Energy & Environmental Affairs
- **Mary Trudeau**, Wetland Scientist
- **Magdalena Vinson**, Stonewall Farm
- **Russ Waldron**, Applied Ecological Sciences
- **Tom Waskiewicz**, Extension Educator, UMass Extension
- **Sally Zielinski**, Ph.D., Mass. Assoc. of Conservation Commissions
- **Joel Zimmerman**, Reg. Planner, Mass. Dept. of Conservation and Recreation, Division of Water Supply Protection

Presentation Hosts

- **Meg Colclough**, Mass. Exec. Office of Energy & Environmental Affairs
- **Susan Cox**, USDA Forest Service
- **Nina Danforth**, The Grazing Project
- **Paula Packard**, Mass. Dept. of Conservation & Recreation
- **Dominique Pahlavan**, Mass. Exec. Office of Energy & Environmental Affairs
- **Jane Pfister**, GIS Coordinator, Mass. Exec. Office of Energy & Environmental Affairs
- **Carol Szocik**, Mass. Dept. of Agricultural Resources

Volunteers

- **Kim Bent**, The Science Bug
- **Joan Boegel**, Genzyme Corporation
- **Lois Breault-Melican**, Mass. Dept. of Conservation & Recreation
- **Barbara Buls**, Mass. Dept. of Conservation & Recreation
- **Debbie Cary**, Mass. Audubon Society, Broad Meadow Brook Sanctuary
- **John Clement**
- **Loryn Dion**, USDA Natural Resources Conservation Service Intern
- **Laura Dooley**, Mass. Dept. of Conservation & Recreation
- **Mike Downey**, Mass. Dept. of Conservation & Recreation
- **Maryse Fenton**, Mass. Dept. of Conservation & Recreation
- **Shawn Finn**, USDA Natural Resources Conservation Service
- **Alynda Foreman**, The Louis Berger Group, Inc.
- **Norma Forgione**, Mass. Dept. of Conservation & Recreation
- **Kelley Freda**, Mass. Dept. of Conservation & Recreation
- **Nancy Garrabrants**, UMass Extension
- **Alec Gillman**, Mass. Dept. of Conservation & Recreation
- **Justin Gonsor**, Mass. Dept. of Conservation & Recreation
- **Paul Gregory**, Mass. Dept. of Conservation & Recreation
- **Terry Hamilton**, Millbury Memorial High School
- **Lynn Hildenbrand**, Mass. Dept. of Conservation & Recreation
- **Amy Hoffmaster**, Mass. Envir. Edu. Society (MEES)
- **Bob Horton**, Mass. Dept. of Conservation & Recreation
- **Jack Jackson**, Mass. Dept. of Conservation & Recreation
- **Danielle Johnson**, Mass. Dept. of Conservation & Recreation
- **Melanie Joy**, Mass. Dept. of Conservation & Recreation
- **Guy LaChance**, Mass. Dept. of Conservation & Recreation



- **Jim Lagacy**, MassWildlife
- **Rick LeBlanc**, Mass. Dept. of Agricultural Resources
- **Austin Mason**
- **Peter Mirick**, MassWildlife
- **Laura Muller**, Wheaton College
- **Kitsy Newburg**
- **Kizette Ortiz-Vanger**, U.S. Fish & Wildlife Service, Assabet River NWR
- **Michele Padula**, Mass. Dept. of Agricultural Resources
- **Chuck Pernaa**, Mass. Dept. of Conservation & Recreation
- **Tiara Perry**
- **Marianne Piche**, MassWildlife
- **Tim Rayworth**, Mass. Dept. of Conservation & Recreation
- **Judy Reilly**, Millbury Alumnae Parent
- **Glenn Rosenholm**, U.S. Forest Service
- **Tina Saunders**, Mass Water Resources Authority
- **Jennifer Schafer**, Mass. Dept. of Conservation & Recreation
- **Bob Schrader**, UMass Extension
- **Mulunesh (Mulu) Si-Say**, Mass. Dept. of Conservation & Recreation
- **Jess Skinner**
- **Joe Smith**, Trust to Conserve New England Forests
- **Jennifer Soper**, Mass. Dept. of Conservation & Recreation
- **Val Stegemoen**, Mass. Dept. of Conservation & Recreation
- **Alexis Tomaszewski**, Doherty Memorial HS Alumna
- **Gini Traub**, Mass. Dept. of Conservation & Recreation

- **Catherine Ulitsky**, USDA Natural Resources Conservation Service
- **Rich Valcourt Jr.**
- **Rich Valcourt Sr.**
- **Donald Watt**, Mass. Dept. of Conservation & Recreation
- **Kristina Wiley**, USDA Natural Resources Conservation Service
- **David Williams**, Middlesex Conservation District
- **Amy Wilmot**, Mass. Dept. of Conservation & Recreation
- **Jan Wright**, Friends of Assabet River National Wildlife Refuge



Student Volunteers

Millbury Junior/Senior High School

- | | |
|---------------------|----------------------|
| • Megan Andresano | • Sam Lussier |
| • Rebecca Audette | • Hannah Lynch |
| • Emma Barry | • Allie Machacz |
| • Taylor Bennett | • Julia Maynard |
| • Tiana Benton | • Lisa McLaren |
| • Sarah Bishop | • Sam Meserve |
| • Tim Born | • Ben Miles |
| • Nicole Chionchio | • Tory Miles |
| • Haley Dwinell | • Sarah Morse |
| • Taylor Garnes | • Allison Murray |
| • Julie Generelli | • Alex Peterson |
| • Sam Goyette | • Victoria Prominski |
| • Khanh Khanh Huynh | • Lani Riley |
| • Courtney Keddy | • Courtney Schultz |
| • Rachel Kelosis | • Nicky Stafinski |
| • Shannon Latour | • Caryna Wright |



Did you know?

When the Envirothon program started in 1979 in Pennsylvania it was known as the Environmental Olympics. In 1988 the name was changed to the Envirothon.

Meet Our Host Site

Great Brook Farm State Park



A Jersey cow at Great Brook Farm

Agriculture has been part of Great Brook's history for centuries. Holsteins have been kept here for over 60 years and current farmer Mark Duffy continues the tradition with his Holstein and Jersey cows.

The farm and buildings at Great Brook Farm comprise a classic eastern Massachusetts agricultural landscape. The arrangement of open fields, sturdy walls, diversified woodlands and historic structures are significant images of our agricultural past.



An active dairy farm operates year-round and guided barn tours are available from May to October.

Amidst the beautiful scenery lie 20 miles of trails for hiking, bicycling and horseback riding. Notable Native American sites can be seen from these paths.

During the winter months, trail-grooming allows skiing enthusiasts to take part in cross-country skiing. Meadow Pond has a canoe launch and is ideal for fishing.

Native Americans used sections of Great Brook Farm as sacred sites. Seventeenth century cellar holes comprise "the city" where early English settlers worked one of numerous mill sites on the 1,000 acre park.

The ice cream stand is open through the month of October. For more information, visit www.mass.gov/dcr/parks/northeast/gbfm.htm ♦

A Greener Envirothon



The Massachusetts Envirothon makes every effort to have a very green competition.

We serve minimally packaged food and beverages. Waste is disposed of with as much recycling and composting as possible.

Students from Millbury Junior-Senior High School Environmental Council helped in the recycling and sorting efforts.



Roundtables

When the testing is over, everyone is invited to unwind, meet new friends from across the state, and share community and environmental connections at the Roundtable discussions.

Roundtables are freewheeling, small-group discussions about a place, a question, or an idea of your choice.

Every team is invited to bring their presentation materials and start a conversation about what they have found in their communities. Community Award teams are especially encouraged to offer a roundtable.

Here's how it works:

- For each team that wants to offer a roundtable, two or three "home team" members share their team's topic with three or four visitors.
- The place buzzes with ideas, opinions, and concerns as each home team presents their topic and visitors offer their own questions and views.
- Every 5-10 minutes, visitors leave one table, move on to another, and the process begins again. Team members take turns sitting at the home table and visiting other tables.

EVERYONE is welcome to visit the roundtables!



Thank you to our sponsors!

Great Brook Farm State Park

Host of the 2011 Massachusetts Envirothon

Jennifer Stowe, Northeast Regional Ranger

Steve Carlin, Park Supervisor

and thanks to the entire Great Brook Farm State Park staff

The Massachusetts Envirothon is a program of the
Massachusetts State Commission for Conservation of Soil, Water and Related Resources.

Our work would not be possible without contributions of
time, resources and funding from a variety of donors.

Berkshire Conservation District

Cape Cod Conservation District

Environmental Business Council of New England

Greater New Bedford Regional Vocational-Technical High School

Green Mountain Coffee

Hannaford Supermarkets

Massachusetts Association of Conservation Districts

Massachusetts Department of Conservation and Recreation

Massachusetts Department of Environmental Protection

Massachusetts Division of Fisheries and Wildlife (MassWildlife)

Massachusetts Executive Office of Energy and Environmental Affairs

Middlesex Conservation District

Museum of Science, Boston

New England Apple Association

New England Aquarium

Shaw's Supermarkets

Sholan Farms

Society of Soil Scientists of Southern New England

Southern New England Chapter of Soil & Water Conservation Society

U.S. Forest Service/Massachusetts Department of Conservation and Recreation

University of Massachusetts, Amherst, College of Natural Sciences

University of Massachusetts, Dartmouth, Office of Sustainability

University of Massachusetts Extension

USDA Natural Resources Conservation Service

Westford Conservation Trust

Wheaton College

Worcester County Conservation District

A special thank you to the committee, judges, volunteers, coaches,
agencies, organizations, schools, parents and all whose hard work and support make
the Massachusetts Envirothon possible!