



Haliburton-Muskoka  
**children's  
 water  
 festival**

2011

Parent Information Guide

*Many thanks to ...*



EH!



Friends of Ecological and Environmental Learning



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Together we are making a splash!

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RBC Foundation

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Kawartha Credit Union  
Children's Water Education Council (MOE)  
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**River**

Haliburton Highlands Stewardship Council  
Ontario Wildlife Foundation

**Stream**

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Dorset Environmental Science Centre (MOE)  
Orillia Power Distribution Corporation  
Parry Sound-Muskoka Stewardship Network  
Thea Patterson

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Kawartha Dairy Ltd.  
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Victoria Land and Water Stewardship Council

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Carnarvon Castle True Value  
Dorset Environmental Science Centre (MOE)  
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Environment Haliburton  
Fleming College, Lindsay Campus  
Friends of Ecological and Environmental Learning (FEEL)  
Gamiing Nature Centre  
Haliburton County Emergency Medical Services  
Haliburton Highlands Stewardship Council  
Haliburton Highlands Water Trails  
Haliburton Home Hardware  
John Proctor, Earth Tones Studio  
Kawartha Conservation  
Kawartha Turtle Trauma Centre  
Kinark Outdoor Centre  
Let's Talk Science  
Moose Lake Ontario Rangers  
Muskoka Watershed Council  
Ontario Federation of Anglers and Hunters  
Ontario Parks  
Ontario Provincial Police  
Ontario Ministry of Natural Resources  
Out to Learn  
Parks Canada/Trent-Severn Waterway  
National Historical Site of Canada  
Province of Ontario  
Rails End Gallery  
Todd's Independent Grocer  
Toronto Zoo  
Township of Algonquin Highlands  
Township of Minden Hills  
Trent University  
Tillium Lakelands District School Board  
U-Links Centre for Community Research  
Water Depot  
Kinark Outdoor Centre

... Thank You!

## **Welcome, Parent/Adult Volunteer!**

The Haliburton-Muskoka Children's Water Festival motivates students to become water stewards in their classrooms and communities. With hands-on, interactive activities combined with messages relevant to their daily lives, students 'soak up' knowledge on the properties, uses, connections and importance of water. With this knowledge, students become aware of the value of conserving and protecting water.

Activities at the Festival are grouped into five theme areas, as follows:

### Water Conservation

- ◆ Using water wisely in our homes, schools and communities.

### Water Attitudes

- ◆ Introduction to historical uses of water compared with present uses.
- ◆ Exploration of common attitudes toward water and ways to promote an appreciation of water as a natural resource.

### Water Technology

- ◆ Role of water in energy production.
- ◆ Examine how water is treated, stored and distributed.

### Water Protection

- ◆ Examination of the interdependence of soil, air, water, plants, animals and people.
- ◆ Consideration given to the positive steps we can take to keep water clean.

### Water Science

- ◆ Introduction to the physical science of surface water and ground water.
- ◆ Introduction to the hydrological cycle.
- ◆ Exploration of the role of water quality and quantity to aquatic life.

## **Getting Ready for the Festival**

- ◆ Read through this information guide so you know what to expect at the Festival. If you have questions or concerns, discuss them with the teacher prior to the Festival.
- ◆ We ask schools to provide one adult supervisor for each group of five students.
- ◆ Discuss the Festival and the role of adult supervisors with the teacher.
- ◆ **Any students who are not to be photographed, videoed or interviewed should be known by the adult supervisor. If you do not know, please ask the teacher. You should have a list provided by your teacher of full names of students in your group.**
- ◆ Familiarize yourself with the site map. Maps will be posted throughout the site if last minute changes were made to centre locations.

- ◆ You won't need to be an expert on water information for your visit, but if you are curious, several excellent web sites are listed on the final page.
- ◆ Please bring a **"litterless lunch" and/or "litterless snacks"**. **There is no place to purchase food at the Kinark Outdoor Centre.**

### **A suggested Parent/Helper Survival Kit:**

- ◆ clipboard
- ◆ pen or pencil
- ◆ large zip-lock baggie
- ◆ pocket full of tissues
- ◆ your own backpack (lightly loaded!)
- ◆ sunscreen

### **On the Day of the Festival:**

1. The Festival will be held rain or shine. Check the weather report and dress appropriately. The site may be wet in places, so **comfortable, waterproof footwear** is a good idea! Bring your lunch. Parent helpers and the children they are supervising are not to leave the Kinark Outdoor Centre during the school's visit to the Festival.
2. If you are meeting your school at the site please minimize vehicles in the limited parking area by car-pooling with others from your school. Identify yourself to parking attendants on arrival as a parent helper and park where directed.
3. Proceed to your school's assigned marshalling area – **DO NOT wait in the parking lot.** When your school's bus arrives they will be greeted by a Festival Volunteer and brought to your assigned area.
4. Instructions / changes to activity centre availability etc. for the day will be communicated to your whole school at the marshalling area.
5. **NO STUDENTS ARE TO BE LEFT AT ANY TIME, ANYWHERE ON SITE, WITHOUT ADULT SUPERVISION. You must keep your group together at all times.** No student should be removed from site prior to the group departure without your teacher in charge knowing in advance.
6. If your teacher has identified specific centres to visit you may want to do them first but **PLEASE** feel free to take advantage of all of the centres, and visit more than may be listed by your teacher if time allows.
7. A great deal of volunteer time and effort has been spent putting the Festival together for the benefit of your child and their classmates.
8. In the event of an emergency, contact any Festival volunteer. Festival organizers have 2 way radios and one radio is permanently at the Volunteer Registration area. If you need to contact your classroom teacher, messages will be transmitted via the organizers. Festival staff and volunteers can be identified by grey coloured t-shirts which have the Haliburton-Muskoka Children's Water Festival logo on the front. Festival Organizers will be wearing yellow Festival T-shirts.

9. At the end of the day before bus loading you will meet in your designated location in order for the classroom teacher to do a head count. Parent helpers should not leave the site until the teacher has signaled that your group is in their care. A Festival volunteer will lead the collected group to the bus location for boarding.
10. Lost and found items can be brought to the registration area at the Nova Centre. If there are items remaining at the end of the Festival, they will be taken home with the Festival Coordinator for a limited amount of time. Please contact Irene Heaven, Festival coordinator, at (705)286-3181 or [iheaven@outtolearn.ca](mailto:iheaven@outtolearn.ca) if there are items you are missing.

Feel free to participate in the activities along with your group. Your participation will encourage them to explore the activities, and everyone (including you) will learn a lot more from the visit.

Enjoy your visit to the Haliburton-Muskoka Children’s Water Festival! We welcome your feedback through your classroom teacher, or to the coordinator and organizing committee, letting them know what you enjoyed about the Festival, and what you think could be improved on for future events.

### **Thematic Overview of Activity Centres**

All of the activity centres listed below are accessible to all children at the Festival.

For most of the activities we have attempted to include the most relevant learning expectations from the Ontario Curriculum. These lists of learning expectations are not exhaustive. By providing some of these learning expectations we intend to assist teachers in identifying activities which best suit their grade level and program. Some activities are described as ‘open’ to all grades because the visiting presenters have not identified specific Ontario Curriculum learning expectations.

For the purpose of assisting teachers in planning their itinerary, we have grouped the activity centres into five themes, encoded below. We recognize that many of the activities could belong to several or all of the five themes and have identified one predominant theme to facilitate the focus or diversity of the itinerary.

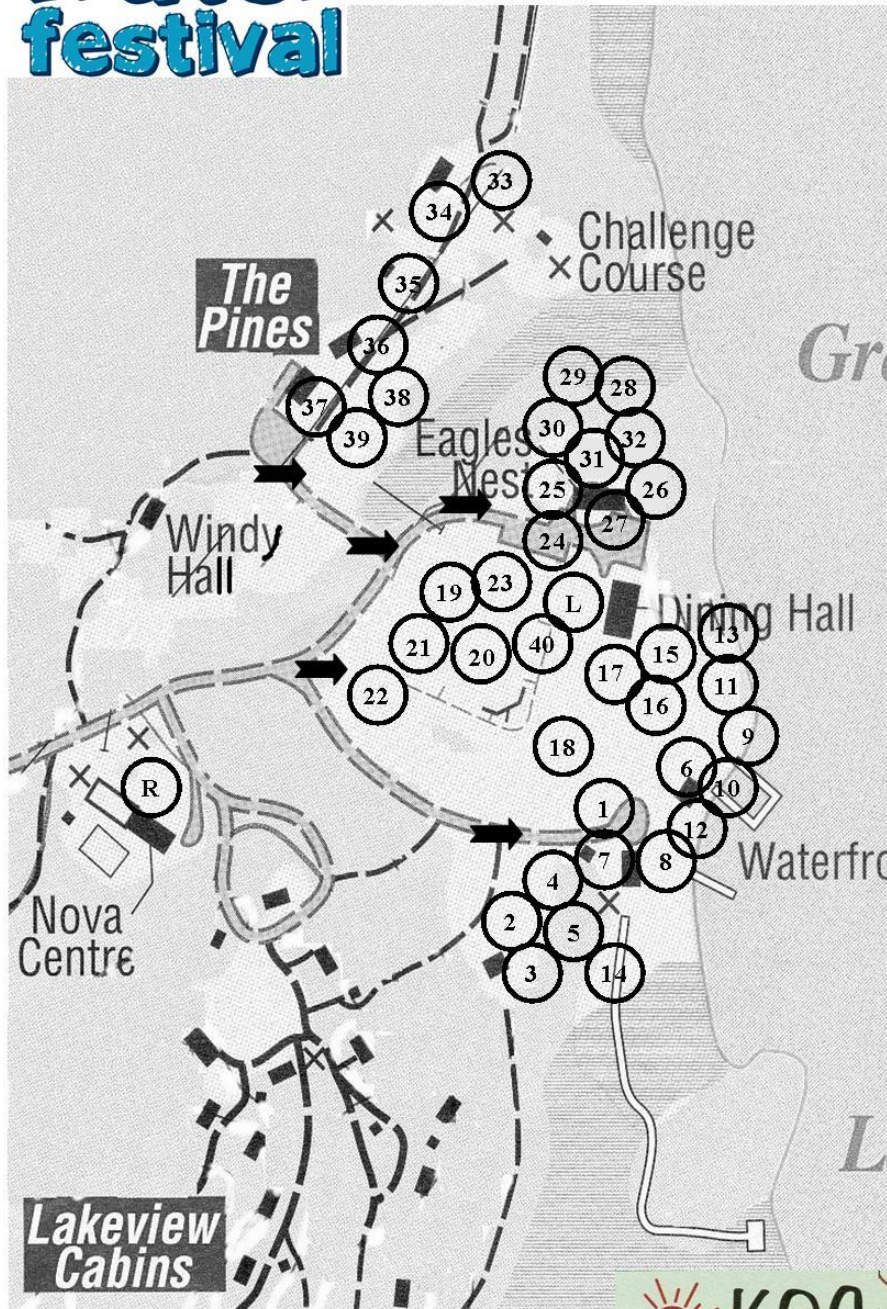
**WC:** Water Conservation **WA:** Water Attitudes **WT:** Water Technology **WP:** Water Protection **WS:** Water Science

<b>Activity Centre</b>	<b>Theme</b>	<b>Location</b>	<b>Map #</b>
Amazing Aquifer	WP	Eagle’s Nest (Inside)	27
Bugs in the Mud	WP	Waterfront	9
Constructed Wetlands – Nature’s Purifier	WT	Eagle’s Nest (Inside Lower Level)	25
Creeks and Critters	WP	Waterfront	6
Grey is OK!	WC	Eagle’s Nest (Inside Lower Level)	24
Haliburton Fire Crew	WC	Waterfront	8
How Clear is Your Lake?	WS	Waterfront	10
How Much Water Does It Take?	WT	Dining Hall (Outside)	15
How Wet is Our Planet?	WS	Dining Hall (Outside)	17

	It's a Trout's Life	WP	Baseball Diamond Field	20
	Just Dam It!	WP	The Pines	34
	Lather Up!	WC	The Pines	35
	Lay My Egg!	WP	Waterfront	14
	Life on the Edge	WP	Waterfront	11
	Low Impact Camping	WP	Challenge Course/The Pines	33
	Migration Headache	WP	Baseball Diamond Field	21
	Mother Nature's Respirator	WS	Waterfront	12
	Municipal Wastewater Treatment	WT	The Pines	37
	No Water Off A Duck's Back	WP	Eagle's Nest (Outside)	30
	Ontario Provincial Police Marine Unit	WA	Baseball Diamond Field	22
	Pioneer Water Race	WA	Baseball Diamond Field	23
	Prey I Won't Get Eaten	WS	Eagle's Nest (Outside)	28
	Reduce - Reuse - Recycle	WC	Eagle's Nest (Outside)	32
	Reservoir Rendezvous	WC	Eagle's Nest (Outside)	29
	Rolling Through the Shed	WP	Baseball Diamond (Hill Beside)	18
	Septic Sights	WP	The Pines	36
	Somethin' Fishy's Goin' On	WS	Waterfront	7
	Stream Savers	WP	Eagle's Nest (Inside)	26
	The Fish is Right	WA	Baseball Diamond Field	19
	The Ribbon of Life	WS	Waterfront	13
<i>NEW</i>	The Soap Box	WA	Baseball Diamond Field	40
	Three Times A Day	WC	Waterfront	2
	Turtle Trauma	WP	The Pines	38
	Unwelcome Guests	WP	Waterfront	4
	Up on the Watershed	WP	Eagle's Nest (Outside)	31
	Wash Out!	WA	Waterfront	1
	Water World	WS	Waterfront	3
	Wetland Discovery Trailer	WS	Waterfront	5
	Where Are All the Turtles?	WP	The Pines	39
<i>NEW</i>	Why So Porous?	WS	Dining Hall (Outside)	16



# 2011 Activity Centres Map



## FESTIVAL ACTIVITIES

### R Registration and First Aid

1. Wash Out!
2. Three Times A Day!
3. Water World
4. Unwelcome Guests!
5. Wetland Discovery Trailer
6. Creeks and Critters
7. Somethin' Fishy's Goin' On
8. Haliburton Fire Crew
9. Bug's in the Mud
10. How Clear is Your Lake?
11. Life on the Edge
12. Mother Nature's Respirator
13. The Ribbon of Life
14. Lay My Egg!
15. How Much Water Does It Take?
16. Why So Porous?
17. How Wet Is Our Planet?
18. Rolling Through the Shed
19. The Fish is Right!
20. It's a Trout's Life
21. Migration Headache
22. OPP Marine Unit
23. Pioneer Water Race
24. Grey Is OK!
25. Constructed Wetlands
26. Stream Savers
27. Amazing Aquifer
28. Prey I Wont Get Eaten!
29. Reservoir Rendezvous
30. No Water Off A Duck's Back
31. Up on the Watershed
32. Reduce—Reuse—Recycle
33. Low Impact Camping
34. Just Dam It!
35. Lather Up!
36. Septic Sights
37. Municipal Wastewater Treatment
38. Turtle Trauma
39. Where are all the Turtles?
40. The Soap Box

### L Lunch Tent for Students

➔ Directional Signage



## **Websites of Interest**

This is a listing of some of the websites provided to the teachers as resource sites. You may find them useful as well. There is a great deal of information on water in these sites, which may help you prepare for your day(s) at the Haliburton-Muskoka Children's Water Festival. Don't panic – you aren't expected to do this! These are just resources for your information.

### **Water is the Lifeblood of the Earth – Environment Canada**

Contains information about the nature of water and management. Has a good teacher's corner and a large list of publications.

<http://www.ec.gc.ca/envhome.html>

### **Environment Canada's Greenlane**

Information about various environmental issues, such as nature, clean water, clean air and climate change.

<http://www.ec.gc.ca/envhome.html>

### **Otonabee Region Conservation Authority**

<http://www.otonabee.com>

### **Watershed Science Centre**

Information about watershed research.

<http://www.trentu.ca/wsc/>

### *Peterborough Utilities Commission*

[www.puc.org](http://www.puc.org)

### **Water Science for Schools, U.S. Geological Survey**

General information for kids and teachers, as well as online activities.

<http://www.usgs.gov/tracks/teachers.html>

### **Project Wet**

A Canadian program to promote the appreciation and knowledge of water resources in the classroom.

<http://www.cwra.org/wet/wetpage1.html>

### **Water - Ministry of the Environment**

Information on various water-related issues, including wells, conservation, drinking water monitoring, the Great Lakes, and more.

<http://www.ene.gov.on.ca/water.htm>

### **Ministry of the Environment – Water Conservation**

Adobe Acrobat documents on water conservation and other water-related issues.

<http://www.ene.gov.on.ca/envision/Watercon/index.htm>

*Ontario Clean Water Agency*

<http://www.ocwa.com>

### **Waterworks Program**

A water conservation education program for grades 4 to 8.

<http://www.ocwa.com/frwatwrk.htm>

### **Great Lakes Information Network**

Information about life in and around the Great Lakes. Teacher resources provide quizzes, mini lessons on Great Lakes topics. U.S. and Canadian partnership.

<http://www.great-lakes.net/>