



Number 7

July 2013

FIMLA Bulletin

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www.FIMLA.org



FIMLA 2013

Annual General Meeting

Sunday August 4th, 2013 12:30 to 4:00 pm
Verona Lion's Hall, 4504 Sand Road, Verona

SOCIAL HOUR AND BUFFET LUNCH 12:30 PM

BUSINESS MEETING 1:30 PM

AGENDA

Welcome

Speaker: **Mary Gunning**

Aquatic vegetation, invasive species and buffer zone vegetation

Mary Gunning is an Environmental Technologist at the Quinte Conservation Authority, who will be carrying out an aquatic survey of the FIMLA lakes.

Speaker: **Jim Pine**

Update on the EORN high speed initiative in Eastern Ontario

Jim Pine is Project Co-lead of the Eastern Ontario Regional Broadband Network (EORN).

1. Minutes of the previous meeting and matters arising
2. Secretary's Report - Robert Powell
3. Treasurer's Report - Robert Powell
4. Update on FIMLA Action Plan – Gord Rodgers
5. Water Quality and Water Levels – Brett Dark
6. Lake Steward's Report – Susan Pine
7. Feeder Lakes Representative Report - Peter Bedoukian
8. Resolutions
9. AOB

WE HOPE TO SEE YOU THERE

Watching your wake

Cottagers derive a great deal of enjoyment from a host of boating activities. Most of us are familiar with general boat safety & etiquette, but may not be as familiar with the impact of boat wake.

Impact of boat wake

The larger the wake, the greater the potential for undesirable side effects:

- Loons, and other birds that nest along the shore, choose locations that are protected from waves generated by the prevailing winds. However, boat wake, which can come from any direction, can and does drown the nests and the young, particularly in May and June.
- Inexperienced swimmers and young children are not usually in the water when wind-driven waves are high. However, they can be toppled by the size and energy of boat wake.
- Boat wake and prop wash can churn up sediments in shallow water which releases dormant nutrients that promote weed growth and algal blooms.
- Boat wake can cause erosion.
- Boat wake can cause docks and moored boats to rock severely and pull mooring hardware.

Waves

Boats moving through the water create waves, commonly known as wake. Factors that influence the size of the ►



Message from the President

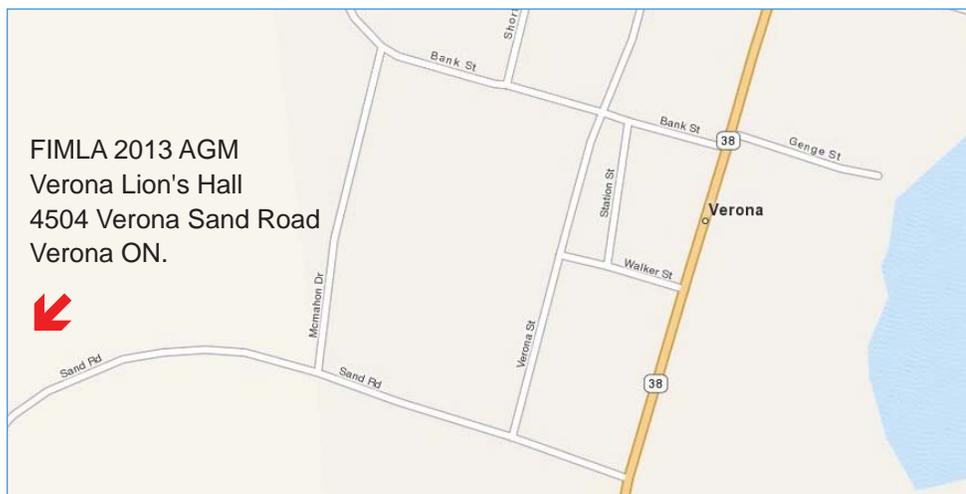
I look forward to welcoming you all once again to the FIMLA AGM at Verona Lion's Hall. As is now customary, every other year we have a more formal session, but we are kicking off with some social time, so you can greet old friends and meet new ones, followed by two very interesting speakers.

Our keynote speaker at the AGM will be Mary Gunning, Environmental Technologist at the Quinte Conservation Authority, who will address us on the subject of aquatic vegetation, invasive species and buffer zone vegetation. Mary will be involved in carrying out a full aquatic survey of Fourteen Island and Mink Lakes later in August, which we are commissioning as part of our continuing efforts to implement the lake stewardship plan, and in response to members' queries about what's growing in our lakes. We are also pleased to welcome back one of our members, Jim Pine, Project Co-lead of the Eastern Ontario Regional Broadband Network (EORN), who will be updating us on progress in rolling out high speed broadband in Eastern Ontario.

We'll also be updating you on the excellent progress we've made so far in implementing other recommendations outlined in the lake plan, and responding to your concerns. In relation to the issue of boat safety and etiquette we will be erecting a sign at the boat launch with a map to remind people about responsible boating. You can see a copy of what's on the sign at the back of this bulletin. Finally our thanks go to Pike Lake Community Association for allowing us to reproduce information on boat wakes from a paper they've produced.

Hope to see you all at the AGM. But until then enjoy summer on the lake.

Gord



Membership Matters

A big thank you to all our paid up members. For those of you yet to pay we cordially invite you to renew your membership for 2012-13 right away.

It is important that memberships are paid up to help fund the work of the Association to sustain and improve the quality of life on our lakes, as set out in our Lake Plan.

Membership is only \$25.00 p.a.

Please make out a cheque to: 'Fourteen Island and Mink Lakes Association' or **FIMLA** and send it to:

The Treasurer, FIMLA, Box 105, Hartington, Ontario, K0H 1W0

The FIMLA membership year runs from September 1st to August 31st and membership fees for 2013-14 are due on September 1st.

According to our constitution dues must be paid on or before the date of the general meeting in order for members to vote at that meeting.

2012 AGM Minutes

A report of the 2012 FIMLA AGM appeared in FIMLA Newsletter, Number 10, Spring 2013. Full minutes, and Newsletters, are posted on the FIMLA web pages at:

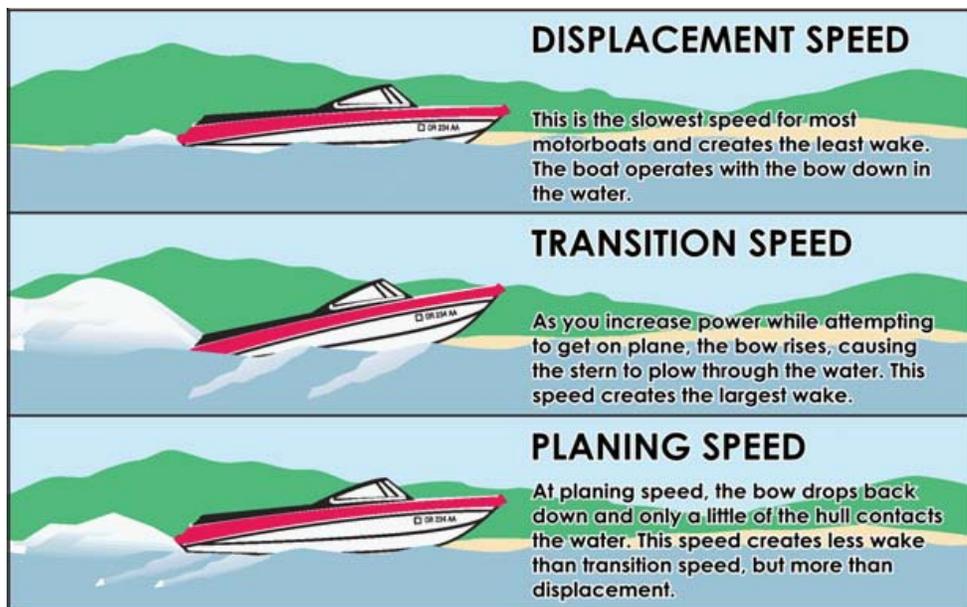
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Getting to Verona Lion's Hall for the FIMLA 2013 AGM

From the South, (Hinchinbrooke Road, Hartington, Kingston) take the 38 north to Verona and turn left at Verona Sand Road.

From the North, (Desert Lake Road) take the 38 south to Verona and turn right at Verona Sand Road.

Watching your wake (continued)



▲ Boats can cause different wave effects at displacement, transition & planing speeds.

wake when it reaches shore include the speed of the boat and the distance the wake travels before it reaches shore.

As waves enter shallow water, they slow down, grow taller and change shape. The movement of the particles along the bottom of the body of water can disturb the sediment on the bottom and, thereby, release nutrients.

Waves & erosion

Natural causes of shoreline erosion include wind-driven waves, water levels, ice, slope of the bank, and the absence of vegetation. Human causes include the removal of rocks, trees, shrubs, and other vegetation along the shoreline, retaining walls, and wave action from passing boats.

The size of the watercourse affects the potential for erosion to occur. The greater the distance the waves are generated from shore, the more

opportunity they have to dissipate before reaching shore.

It has been observed that:

- a wave that is 12.5 cm high when it reaches the shore does not cause significant shoreline damage. Waves this high are created by boats operating at speeds under 10 km/h – the legal limit in Ontario when operating close to shore.
- a wave that is 25 cm high is four times more destructive than a 12.5 cm wave. Runabouts and waterski boats produce a 25 cm high wave at the stern of the boat when at planing speed.

The large waves produced don't always have the distance needed to dissipate before reaching shore on many of the narrower parts of our lakes. Hence, they can create a greater negative impact than other boats.

However, all boaters need to be aware of the size of wake they create.

How you can be wake wise

- Be aware of the size of your wake during displacement, transition and planing speeds.
- Position your passengers throughout the boat in order to reduce the time spent in transition speed.

- Look behind you to see and understand the impact of your wake on shorelines, docks or other structures. Adjust your speed and direction to minimize the impact.
- Respect the shoreline zone. Reduce your speed to less than 10 km/h within 30 metres of any shore including the narrow channels between islands.
- Water-ski, tube, and wake-board well away from all shorelines. Try to make use of the entire length of the lake.
- Consider the size of the wake produced when purchasing a new boat.

Please feel free to contact your executive:

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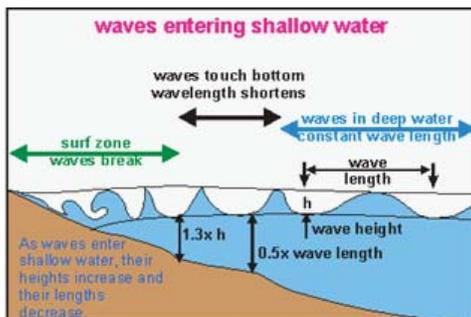
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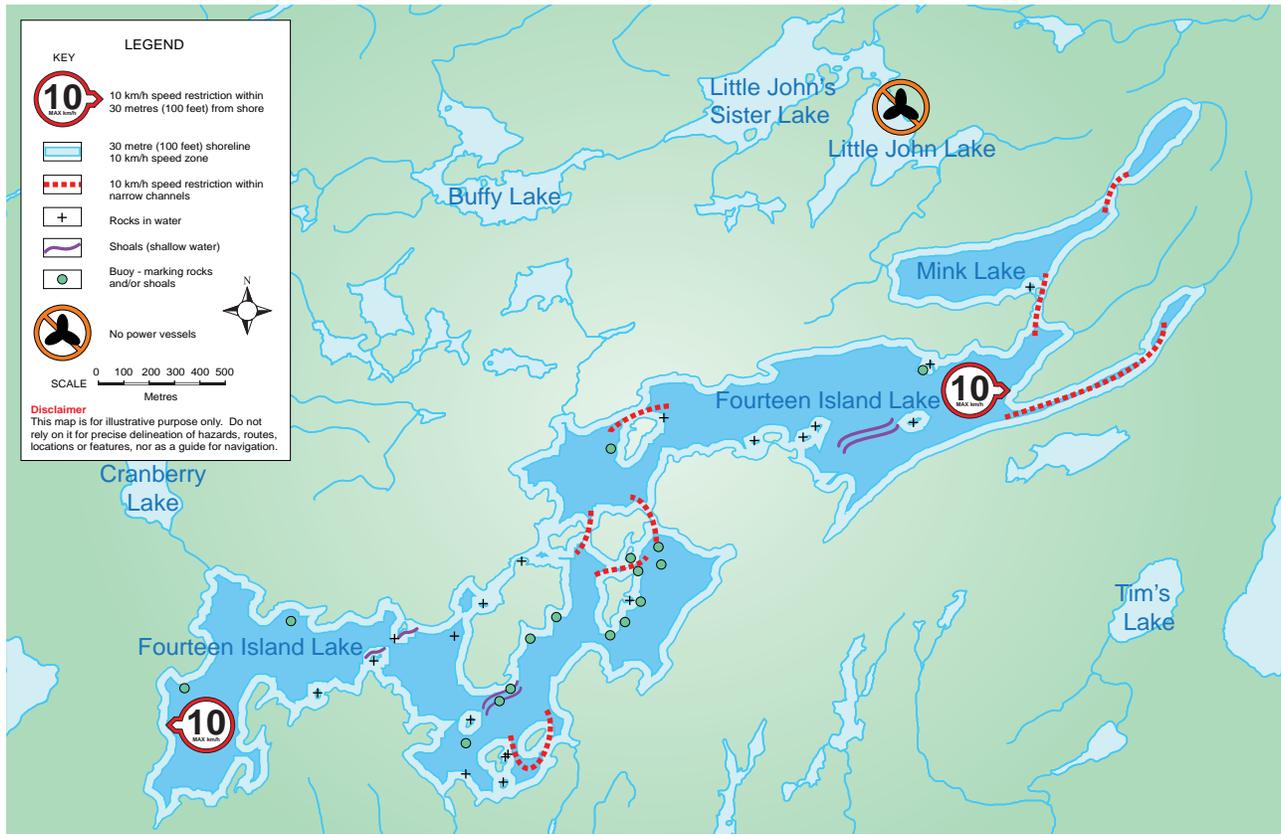
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FIMLA NOTICE

BOATING REGULATIONS FOURTEEN ISLAND AND FEEDER LAKES



Code of Conduct for Responsible Boating

- Carry mandatory safety gear and your operator card for boats with motors
- Operate at a safe speed
- Obey shoreline speed restrictions
- Look out for swimmers
- Watch your wake - go dead slow near shore and in narrow channels
- Don't cruise and booze
- Avoid collisions - boats under power approaching head on pass port to port; give way to sail; keep clear of canoes, kayaks and row boats
- Observe water skiing and towing rules
- Keep to age restrictions for personal watercraft and vessels with motors exceeding 10 h.p.
- Keep it clean. Ensure your boat is washed thoroughly before launching to avoid introducing invasives species into the lake
- Keep it quiet - all motor boats must have a muffler in good working order

For more information visit the Office of Boating Safety website at:

www.boatingsafety.gc.ca

WARNING

CARELESS OPERATION

An offence is subject to a fine or court appearance or both

Section 43 of the *Small Vessel Regulations of the Canada Shipping Act* reads:

Prohibition Against Careless Operation

43. *No person shall operate a small vessel in a careless manner, without due care and attention or without reasonable consideration for other persons.*

Examples of behaviours which could be considered careless under section 43 may include (but are not limited to the following):

- operating vessel at high engine regime in circular or criss-cross patterns for extended periods of time in the same location;
- jumping waves or the wake of another vessel unreasonably close to that vessel or so as to cause engine RPM to peak and make unusual or excessive noise;
- operating a vessel at a speed higher than is necessary to maintain steerage way when near swimmers, or non powered vessels.