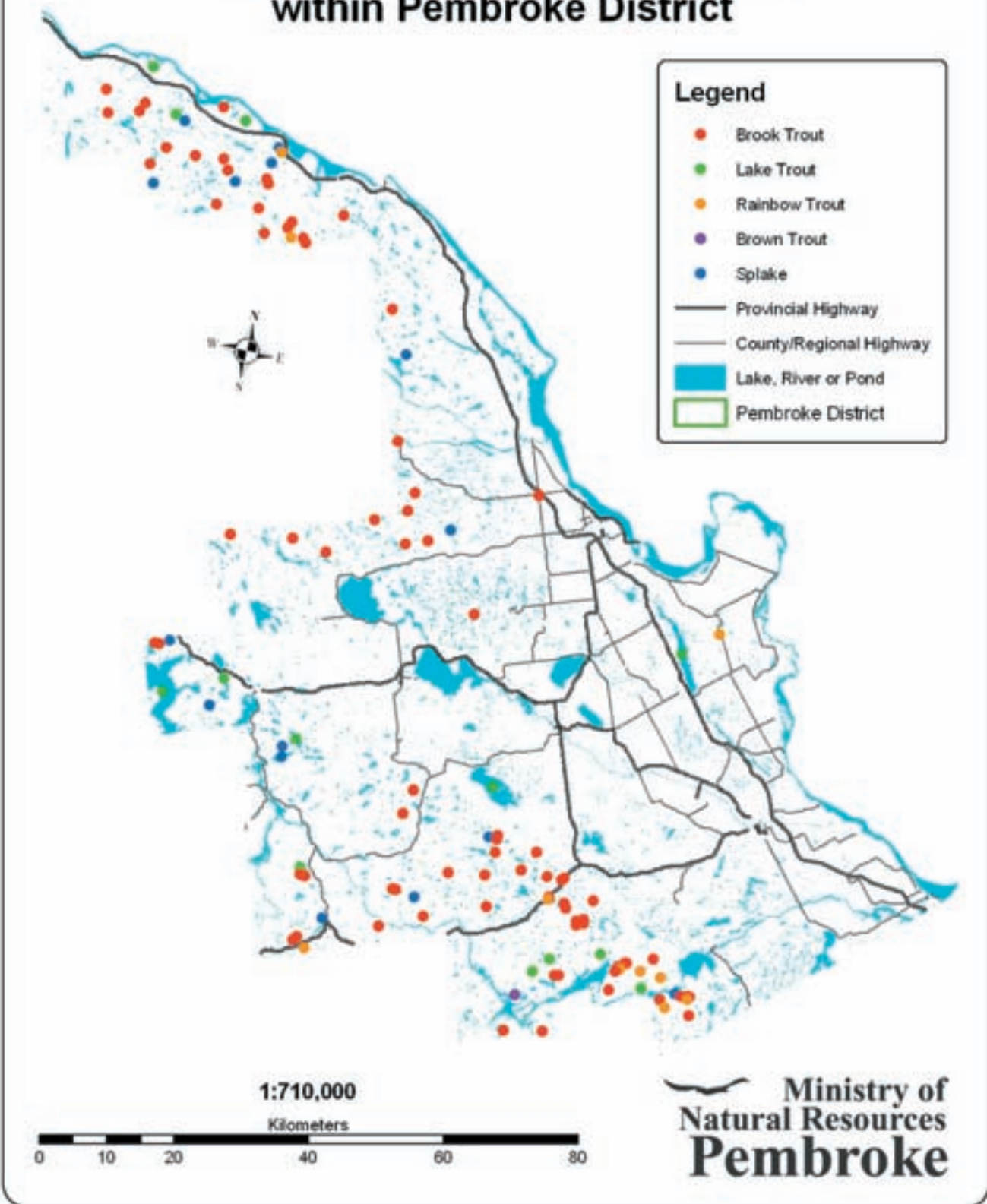

2004 – 2008 PEMBROKE DISTRICT
FISH STOCKING PROGRAM



Distribution of Stocked Lakes within Pembroke District



Contacting the Ministry of Natural Resources in Pembroke

The Ontario Ministry of Natural Resources Pembroke District is open Monday to Friday, 8:30 am to 5:00 pm. Limited services are available over the lunch hour 12:00 pm to 1:00 pm. For after-hours convenience, there is a drop box located at the front entrance of our Pembroke office at 31 Riverside Drive, Pembroke, Ontario, K8A 8R6, Phone: (613) 732-3661, Fax: (613) 732 2972

A Message From the District Manager

Dear Anglers,

I am pleased to provide you with this copy of the 2008 Pembroke District Fish Stocking Program publication. Within this document we try to provide you with up-to-date information for each of our stocked lakes so that you can plan and enjoy your fishing adventures to the fullest.

MNR recognizes the strong fishing heritage that exists in Ontario and we are committed to maintaining and providing angling opportunities in this part of the province. This document specifically focuses on our stocking program which has undergone some challenges and refinements within the past few years.

Our stocking program has been revamped to ensure that we are stocking in the most effective and efficient manner possible in order to maximize benefits to the angler. Simply put, we do not believe stocking more fish equates to increased fishing success. In fact, the opposite is true in most cases. We have realized that by exceeding the carrying capacity of lakes with stocked fish can reduce both size and quantity of fish available to the angler. This is simply a space and food availability issue. Competition for food will stunt and increase the mortality rates of densely stocked waterbodies. Our most recent stocking guidelines provide ideal stocking frequencies and densities for each lake to improve both size and quantity of fish to the angler. You will see this reflected in the 2008 fish quantities.

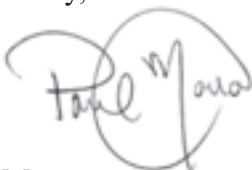
We are also working closely with our hatcheries, fish culture section and aviation services to continually improve both the size of fish being reared and stocking techniques used to get fish into each waterbody.

We also require the help of anglers like you. We have over 120 stocked lakes in this district and it is impossible to assess each one every year. Please take the time to complete the enclosed angler's diary during your fishing excursions and return it to this office. Or better yet, feel free to email your fishing information to our senior fish & wildlife technician. Your information will help determine appropriate stocking rates, and identify issues or problems for some lakes.

For your assistance, you will be included on our fish stocking distribution list, where you will automatically receive future editions of this publication. If you would like to be included in the Fish Stocking Distribution List, please contact Darwin Rosien at 613-732-5533 or email me your name to darwin.rosien@ontario.ca.

On behalf of everyone at MNR's Pembroke District, I would like to wish you all safe and enjoyable fishing experiences on our lakes.

Yours truly,

A handwritten signature in blue ink that reads "Paul Moreau". The signature is written in a cursive style and is enclosed within a hand-drawn circular scribble.

Paul Moreau
District Manager

Rules for Stocked Lakes With Private Access

Lake names printed in ***“Bold Italics”*** in the following fish stocking tables, indicate that access to these waterbodies is over private land adjacent to right of ways. Access agreements with the landowners have allowed these lakes to be stocked for public use. However, continuation of stocking is dependant upon the following rules:

- No Fires on the Shore or Ice
- No Cutting of Trees or Other Vegetation
- No Vehicles, snowmobiles or ATVs on the Ice
- No Littering (Clean up before you leave)
- No Vandalism

If the above conditions are violated in anyway, the stocking of these waterbodies will cease immediately and access to them across private land will be denied.

Our Fish Stocking Tables

This publication includes fish stocking tables detailing Pembroke District’s Fish Stocking Program from 2004 to 2008.

Stocked waterbodies are listed by fish species and township for ease of reference. We have also included topographical map reference numbers and UTM coordinates to aid in locating lakes.

The number of fish stocked in each waterbody are listed by year. Please note the following codes used with the stocking values:

- sf = Summer Fingerling
- ff = Fall Fingerling
- sa = Sub-adults
- ad = Adults

All un-coded references indicate Fingerlings.

EXCEPTIONS TO THE GENERAL REGULATIONS (CENTRAL REGION)			
Waterbody	Geographic Township	Fisheries Management Zone	Regulation
Acorn Lake	Richards	15	Live fish may not be used as bait or possessed for use as bait.
Buck (Mountain) Lake	Brudenell	15	
Stubinski Lake	Brougham	15	
Piglet Lake	Maria	15	Fish Sanctuary - no fishing from Jan 1 to Fri. before 3rd Sat. in May & Dec 1 to 31.

ADDITIONAL FISHING OPPORTUNITIES YEAR-ROUND OPEN SEASON FOR LAKE TROUT*		
Waterbody	Geographic Township	Fisheries Management Zone
Bark Lake	Banger, Jones & Lyell	15
Big Gibson Lake	Maria	15
Big Limestone Lake	Brougham	15
Green Lake	Brougham	15
McSourley Lake	Head	15
Morrow Lake	Matawatchan	15
Raglan White Lake	Raglan	15
Trout (Stubbs) Lake	Jones	15
Valiant Lake	Maria	15
Wabun Lake	Brougham	15
Wadsworth Lake	Radcliffe	15

* Except December 24

BROWN TROUT

Ontario Record – 15.59 kg (34.38 lbs)

In southern Ontario, brown trout frequent pools or ponds fed by streams. Although they hold their own in many turbulent, fast-flowing streams, they appear to prefer quiet, placid waters. The brown trout is often a night feeder and probably the best catches are taken after dark, but they certainly can be caught during daylight hours. Brown trout can be taken on the same sorts of baits as brook trout, including live baits, spoons, spinners and small plugs.



Location				Stocking Year & Quantity				
Waterbody	Map #	Easting	Northing	2004	2005	2006	2007	2008
Matawatchan Township								
Anna Lake	31 F/3	337600	5005200	2,000	2,072	2,100	0	2,828
					ff 2,000			
Wilberforce Township								
Bonnechere River	31 F/11	337274	5043377	13,000	8,302	Discontinued Stocking		
ff = Fall Fingerlings. All others are Fingerlings.				15,000	12,374	2,100	0	2,828

WALLEYE

Ontario Record – 10.09 kg (22.25 lbs)

Walleye thrive in a range of river and lake conditions from cold, clear water to warm, weedy and stained water. Preferred cover includes weed, wood and rock. Bottom types can be anything from soft mud to flooded timber, rubble or bedrock. The walleye is a light-avoiding fish, caught most often under low light conditions. Fishing is generally best on cloudy or overcast days, or on days when waves keep light from penetrating too deeply into the water.



Location				Stocking Year & Quantity				
Waterbody	Map #	Easting	Northing	2004	2005	2006	2007	2008
Wilberforce Township								
Golden Lake	31 F/11	318600	5048200	ff 15,474	sf 90,000	0	0	0
sf = Summer Fingerlings. ff = Fall Fingerlings.				15,474	90,000	0	0	0

LAKE TROUT

Ontario Record – 28.641 kg (63.13 lbs)

Lake trout normally inhabit only lakes with a depth greater than 15 meters (50 feet). In spring, just after ice goes out, lake trout are found near the surface and can be taken on a fly rod, or with spinners, spoons and plugs. As the water warms up they go deep and must be sought with special deep-water tackle.



Location				Stocking Year & Quantity				
Waterbody	Map #	Easting	Northing	2004	2005	2006	2007	2008
Brougham Township								
Big Limestone Lake	31 F/3	342000	5011000	2,500	1,500	2,000	500	500
Green Lake	31 F/7	349200	5013200	2,500	1,500	2,000	850	1,000
Wabun Lake	31 F/2	356200	5009600	1,500	1,000	2,000	350	400
Brudenell Township								
Charlotte Lake	31 F/6	309800	5029800	2,000	1,500	Discontinued Stocking		
				sa 493				

LAKE TROUT (Continued)

Location				Stocking Year & Quantity				
Waterbody	Map #	Easting	Northing	2004	2005	2006	2007	2008
Head Township								
McSourley Lake	31 K/4	270800	5122500	2,000	1,500	275	0	600
Jones Township								
Bark Lake	30 F/5	278200	5036400	46,994	40,000	35,425	40,000	27,044
					fr 25,000		ff 8,487	
					ff 6,500			
Trout (Stubbs) Lake	31 F/5	285600	5041000	4,000	1,750	2,000	1,200	1,100
				sa 493	sa 774			
Maria Township								
Big Gibson Lake	31 L/8	718200	5126600	1,500	1,250	200	0	600
Valiant Lake	31 L/1	723600	5120700	1,500	1,250	100	0	600
Matawatchan Township								
Morrow Lake	31 F/3	340200	5008200	750	1,250	2,000	400	450
Radcliffe Township								
Diamond Lake	31 F/5	301300	5026800	3,000	2,500	Discontinued Stocking		
				sa 492	sa 780			
Wadsworth Lake	31 F/5	298200	5034800	3,000	2,500	3,000	700	750
					sa 962			
Raglan Township								
Raglan (White) Lake	31 F/5	303000	5016100	3,000	2,500	1,250	350	350
				sa 496	sa 775			
Rolph Township								
Ottawa River	31 K/3	297500	5116500	49,982	40,000	0	52,500	0
					fr 25,000			
					ff 6,500			
Sebastopol Township								
Lake Clear	31 F/6	328700	5034100	sa 2,501	sa 1,916	2,106	0	0
						sa 1,612		
Westmeath Township								
Muskrat Lake	31 F/10	351100	5060300	sa 2,405	sa 1,678	5,067	7,582	6,729
						sa 8,417		
fr - Fry. ff = Fall Fingerlings. sa = Sub-Adult				131,106	169,885	64,246	112,919	40,123
All others are Fingerlings								

SPLAKE

Ontario Record – 12.57 kg (27.71 lbs)

Splake are a hybrid produced by crossing female lake trout and male brook trout in fish hatcheries. Splake thrive in the same cold-water environments as their parental species (68 F or less).



Location				Stocking Year & Quantity				
Waterbody	Map #	Easting	Northing	2004	2005	2006	2007	2008
Blithfield Township								
Battery Lake	31 F/2	361400	5009900	1,500	2,000	2,000	2,500	2,500
Fraser Township								
Flatiron Lake	31 F/14	313900	5069900	2,000	2,000	2,000	1,200	1,200
Head Township								
Menet Lake	31 K/4	276000	5117500	0	2,000	1,000	0	ff 1,000
Perch Lake	31 K/4	276600	5120000	750	1,000	500	0	400
Jones Township								
Spectacle Lake	31 F/12	276200	5046000	0	3,000	2,250	3,000	2,500
McMaster Lake	31 F/5	284300	5036900	0	2,000	2,000	4,300	4,000
Lyndoch Township								
Joyces Lake	31 F/6	320400	5015700	2,000	2,500	2,000	1,000	3,000
Maria Township								
Eeyore Lake	31 K/4	271400	5113600	1,000	1,000	2,000	0	3,000
Little Lake	31 L/1	723300	5110000	0	3,000	3,000	3,000	1,500
								ff 1,500
Mousseau Lake	31 L/1	725200	5120200	750	1,500	750	0	500
Radcliffe Township								
Gun Lake	31 F/5	296500	5033100	0	2,000	1,000	2,000	1,400
Halfway Lake	31 F/5	296700	5031800	0	2,000	3,250	3,000	4,000
Raglan Township								
Genricks (Hardwood) Lake	31 F/3	307600	5009700	0	2,250	3,000	3,000	3,000
Sebastopol Township								
Schavens Lake	31 F/6	329300	5026700	0	2,250	2,750	3,000	3,000
Wylie Township								
Wylie Lake	31 F/13	301600	5094100	0	2,200	2,500	3,000	3,000
ff = Fall Fingerlings. All others are Fingerlings				8,000	30,500	30,000	30,000	35,500

RAINBOW TROUT

Ontario Record – 13.21 kg (29.13 lbs)

Rainbows are found in cold streams, and warmer streams as well. Swift, turbulent water is preferred, but the fish adapts to a range of conditions in rivers, streams, ponds and lakes. The rainbow is a popular fish because of its fighting ability, dash and beauty. It rises readily to a dry fly floated downstream with the current. It will also take a range of spinners and plugs, as well as various salmon egg baits and yarn flies. Rainbows are also fond of live baits, such as earthworms, angleworms, minnows, grasshoppers and grubs.



Location				Stocking Year & Quantity				
Waterbody	Map #	Easting	Northing	2004	2005	2006	2007	2008
Blithfield Township								
Blithfield Long Lake	31 F/2	363200	5009500	2,500	2,350	2,500	1,500	1,000
Minnow Lake	31 F/2	360300	5007600	250	250	250	250	100
Oriole Lake	31 F/2	358700	5011900	1,000	1,000	2,200	2,000	1,000
Brougham Township								
Limestone Lake	31 F/2	355600	5012000	1,600	1,600	6,200	5,500	1,850
Lower Twin Lake	31 F/6	339800	5019500	1,750	1,750	1,600	1,500	900
Shiner Lake	31 F/2	352500	5011800	1,600	1,600	1,600	1,500	800
Head Township								
Jennings Lake	31 K/4	282000	5113900	900	2,000	Discontinued Stocking		
Findlay (Lost) Lake	31 K/4	281300	5107300	0	1,500	2,000	0	1,000
Smiths Lake	31 K/4	277100	5119200	1,600	2,000	4,800	3,500	2,000
Raglan Township								
Shanty Lake	31 F/3	306100	5004600	1,600	2,350	1,600	1,500	850
Westmeath Township								
Stevenson Lake	31 F/10	356200	5063500	1,600	2,500	2,250	1,500	1,000
ff = Fall Fingerlings	sa = Sub-Adults			13,400	18,900	25,000	18,750	10,500
All others are Fingerlings								
Please note that lakes listed in <i>Bold Italics</i> indicate private access and special rules.								

UTM Map Co-ordinates Provided

UTM map co-ordinates are included to help anglers locate lakes. Coordinates are accurate to within 100 meters of the center of each lake. Instructions for reading UTM coordinates can be found on every Topographic Map made by Natural Resources Canada. Topographic maps are no longer available from MNR. Maps can be purchased from the retailers listed below.

Maps Available From			
Ontario Base Maps 300 Water Street Peterborough, ON K9J 8M5 1-800-667-1940	Federal Maps Inc. 52 Antares Drive, Unit 1 Nepean, ON, K2E 7Z1 1-888-545-8111 www.fedmaps.com	Allan's Bait Tackle and Taxidermy 360 Christie St. Pembroke, ON, K8A 4R5 1-613-735-5926	MapArt Publishing 70 Bloor St. East Oshawa, ON, L1H 3M2 1-905-436-2525 www.mapart.com
Printable PDF maps of Renfrew County and copies of this Fish Stocking Report are also available on-line from Pembroke MNR: http://users.vianet.ca/mnrpemb/			

BROOK TROUT

Ontario Record – 6.6 kg (14.5 lbs)

Water temperature is a key factor in determining brook trout habitat. They need a year-round supply of cold, clear water, as well as plenty of cover from overhanging branches, logs, and rocks. Streams with cool, quiet pools between runs of fast water and rapids are typical habitat, as are clear, cold lakes and beaver ponds. During high-water periods, worms and other natural baits are preferred. As the water temperature rises, the trout move out of the deep pools into the riffles in search of insects; this is the time to use a fly rod and flies. Although shy and spooky, brook trout will also take a range of small minnow-imitating plugs as well as small, flashy spoons and spinners.



Location				Stocking Year & Quantity				
Waterbody	Map #	Easting	Northing	2004	2005	2006	2007	2008
Alice Township								
<i>Lemke Lake</i>	30 F/11	325500	5077800	ff 4,000	ff 4,000	5,400	3,000	ff 2,000
							ff 2,000	ad 300
Blithfield Township								
Angling (Gling) Lake	31 F/2	363100	5009900	1,500	1,500	750	750	750
Bailey Lake	31 F/2	364000	5007100	2,000	2,000	2,000	800	800
Belanger Lake	31 F/2	362200	5009700	ff 3,000	ff 3,000	3,750	3,500	3,000
							ff 2,000	ff 2,000
Elbow Lake	31 F/2	359300	5008600	500	500	500	0	500
Little Hardwood (Mud) Lake	31 F/2	363500	5009900	500	500	500	350	350
St. Pierre Lake	31 F/7	357000	5014300	500	500	500	350	350
Brougham Township								
Black (Blackbird) Lake	31 F/7	345700	5017100	1,000	1,000	1,000	500	500
Centre Lake	31 F/7	353300	5012500	750	750	750	300	250
Eleanor Lake	31 F/6	339600	5023000	1,500	1,500	1,000	500	500
Heifer Lake	31 F/2	343800	5008900	1,000	1,000	1,000	500	500
Holmes Lake	31 F/2	353000	5012800	250	250	250	150	150
Joes Lake	31 F/7	345600	5017700	500	500	500	0	400
Lake of the Hills	31 F/7	344500	5016100	750	750	750	500	500
Little Tooley Lake	31 F/6	341400	5023200	750	750	750	500	500
Long Lake	31 F/6	342600	5018900	1,500	1,500	1,500	600	600
Louies Lake	31 F/6	342200	5019500	750	750	750	500	500
Marble Lake	31 F/2	352200	5012100	750	750	750	250	250
McCool Lake	31 F/7	344600	5017300	1,750	1,750	1,000	1,000	0
Murphy Lake	31 F/7	346400	5020600	1,100	1,100	1,100	300	300
Scully Lake	31 F/2	351900	5011200	2,000	2,000	3,750	2,000	ff 2,000
							ff 2,492	
Steer Lake	31 F/2	343200	5008700	750	750	750	500	500
Stubinski Lake	31 F/7	351500	5008400	550	550	500	450	250
Tooley Lake	31 F/6	341200	5022800	400	750	2,750	1,000	1,300
				ff 3,000	ff 3,000		ff 2,000	ff 2,000
								ad 294
Upper Twin Lake	31 F/6	339900	5019800	1,200	1,200	1,200	600	600

BROOK TROUT (Continued)

Location				Stocking Year & Quantity				
Waterbody	Map #	Easting	Northing	2004	2005	2006	2007	2008
Brudenell Township								
Buck (Mountain) Lake	31 F/6	316000	5027300	2,500	2,500	2,500	600	600
Deep Lake	31 F/6	316800	5031000	1,000	1,000	1,000	600	600
Burns Township								
McDonald Lake	31 F/12	282100	5062200	1,500	1,500	1,500	0	500
Walker Lake	31 F/12	291200	5063700	1,250	1,500	1,500	0	1,200
Clara Township								
Clara Lake	31 L/1	712600	5121300	2,500	2,500	3,000	0	3,000
Gardiner Lake	31 L/1	718200	5119600	1,000	1,000	1,000	0	600
Rattail Lake	31 L/1	717500	5118300	1,000	1,000	Discontinued Stocking		
Redpine Lake	31 L/1	713500	5117900	1,500	1,500	1,500	0	1,200
Townshipline Lake	31 L/1	718500	5121800	1,500	1,500	1,500	0	1,000
Fraser Township								
Big Trout Lake	31 F/14	307000	5071300	2,000	2,000	2,000	600	1,500
Redpine (Goulds) Lake	31 F/11	307700	5066600	500	500	500	300	250
Silver Pond	31 F/11	310700	5067100	500	500	500	300	250
Grattan Township								
Archies Lake	31 F/6	336600	5026000	750	750	750	250	300
Griffith Township								
Canoe Lake	31 F/6	324500	5020300	2,500	2,500	250	500	250
Dugan Lake	31 F/6	329800	5021000	2,500	2,500	2,500	1,500	1,200
Godin Lake	31 F/6	331200	5016500	2,500	2,500	2,500	1,500	1,200
Hardwood (Little Beaver) Lake	31 F/6	335000	5022900	500	500	500	300	250
White Pine Lake	31 F/6	330700	5024600	2,200	2,200	2,200	1,200	1,200
Head Township								
Beaver Lake	31 K/4	277300	5107000	850	1,000	1,000	0	1,000
Devon Lake	31 K/4	275600	5110500	1,500	1,350	1,500	0	500
Dunlop Lake	31 K/4	276300	5114300	1,250	1,250	1,500	0	500
Harvey Lake	31 K/4	288200	5112100	1,500	1,500	1,500	0	500
Head Lake	31 K/4	280500	5108500	1,500	1,500	1,500	0	1,000
Mill Lake	31 K/4	283100	5107600	1,500	1,500	1,200	0	600
Oliver Lake	31 K/4	276100	5114600	1,250	1,250	750	0	500
Parkline Lake	31 K/4	283600	5106900	1,200	1,200	1,950	0	2,000
Soldier Lake	31 K/4	275000	5111100	2,000	2,000	sa 1,100	0	700
Sweezy Lake	31 K/4	273700	5113700	750	0	750	0	0
Trout Lake	31 K/4	280900	5109500	1,500	1,500	1,500	0	1,000
Wylie Lake	31 K/4	289800	5111700	1,500	1,500	3,300	0	0
Jones Township								
Little Beaver Lake	31 F/12	274600	5044100	750	750	750	0	550
Loon Lake	31 F/12	275200	5044100	750	750	750	0	500

BROOK TROUT (Continued)

Location				Stocking Year & Quantity				
Waterbody	Map #	Easting	Northing	2004	2005	2006	2007	2008
Lyndoch Township								
Green (McHale) Lake	31 F/6	322300	5013100	5,250	0	3,000	1,100	1,600
Rock Lake	31 F/6	317500	5016000	1,500	1,500	1,500	600	0
Serpent Lake	31 F/6	317000	5016100	500	500	500	500	500
Turtle Lake	31 F/3	316200	5010200	2,000	2,000	2,000	0	1,600
Maria Township								
Big Bisset Lake	31 L/1	722200	5113200	4,200	4,100	4,000	0	2,175
Billy's Lake	31 L/1	730000	5123800	2,500	2,500	2,500	0	1,500
Mary's Lake	31 K/4	269900	5114900	500	500	500	0	0
Oval Lake	31 K/4	269500	5109600	1,000	1,000	1000	0	1,200
Owl Lake	31 K/4	269000	5116500	1,500	1,500	1,500	0	600
Piglet Lake	31 L/1	728100	5115700	1,000	1,500	1,600	0	1,700
Stoney Lake	31 L/1	723900	5116400	0	100	100	0	100
Matawatchan Township								
Druces Lake	31 F/3	337500	4999600	300	300	300	800	300
Salmond Lake	31 F/3	343300	5000200	5,000	0	2,000	800	600
Strong Lake	31 F/3	331500	4996900	No public access - Stocking Discontinued				
McKay Township								
Wee Trout Lake	31 F/13	303200	5081200	550	500	550	250	250
Wormy Lake	31 F/14	307500	5074100	1,200	1,200	1,200	600	600
North Algona Township								
Jonsons Lake	31 F/11	319900	5058500	3,000	4,550	3,000	2,000	2,000
Raglan Township								
Beeches Lake	31 F/3	304200	5005400	1,500	1,500	1,500	600	600
Dropledge Lake	31 F/5	303200	5015200	1,250	1,250	2,000	2,000	2,000
Marquardt Lake	31 F/5	303900	5015100	800	800	800	500	250
Stringer (Beaudrie) Lake	31 F/3	304700	5006200	1,500	1,500	1,500	600	600
Richards Township								
Acorn Lake	30 F/12	296500	5062700	2,500	2,500	2,500	2,500	2,500
Beechnut Lake	31 F/12	302500	5068900	3,000	3,000	3,000	2,500	3,000
Sebastopol Township								
Buckskin Lake	31 F/6	320500	5030900	No public access - Stocking Discontinued				
Joemur Lake	31 F/6	330500	5026600	500	500	500	500	250
Little Trout Lake	31 F/6	330400	5027600	1,250	1,250	1,250	500	500
Wylie Township								
Chain of Lakes	31 K/4	289700	5100100	2,000	2,000	2,000	0	600
ff = Fall Fingerlings. sa = Sub-Adults. ad = Adults				125,000	117,000	121,100	53,342	72,169
All others are Fingerlings								
Please note that lakes listed in <i>Bold Italics</i> indicate private access and special rules (see page 4).								

Protect Renfrew County Lakes and Rivers From Invasive Alien Invaders

Invasive alien species are here. Recent studies (2005) indicate that two particularly tenacious invaders – zebra mussels and spiny water fleas – have found their way into Renfrew County water bodies.

What are They?

Alien species are plants or animals that have been introduced into areas beyond their natural distribution, either accidentally or deliberately. These can include mammals, birds, fish, plants, insects, bacteria or other organisms.

Invasive alien species are those species whose introduction or spread is serious enough to undermine the natural balance of ecosystems and threaten the health of the environment, the economy or society. Here are some examples of invasive alien species, all of which have arrived in Renfrew County:

- zebra mussels, which has eliminated some native species in the Great Lakes, clogged municipal water intakes and fouled engines, boats and piers in Ontario
- spiny water fleas, a tiny crustacean, distantly related to shrimp, lobster, and crayfish, that competes with native fish species for food
- rusty crayfish, native to streams in Ohio, Kentucky and Tennessee severely reduces lake and stream vegetation, reduce native decapods or crayfish species which can deprive native fish and their prey of cover and food

More than 160 alien species have become established in the Great Lakes basin. Invading species in aquatic environments, such as the zebra mussel, sea lamprey and round goby, are aggressive, extremely adaptable and have high reproduction rates enabling them to spread. Unchecked, these invaders will out-compete native fish and wildlife and unbalance natural ecosystems. These species can further spread to Ontario's inland waters through recreational activities such as boating and angling.



Zebra mussels, a native of European waters, have eliminated some native species in the Great Lakes and have the potential to seriously alter aquatic ecosystems.

Aquatic Invaders in Renfrew County Lakes and Rivers

Spiny Water Flea

Black Donald Lake, (1999)
Calabogie Lake, (2004)
Centennial Lake (2001)
Round Lake, (2004)
Bark Lake, (2002)
Kamanisseg Lake, (2005)

Zebra Mussels

Black Donald Lake, veligers (2005)
Ottawa River, (Brown's Bay, Lower Allumette
Lake, and Lake Coulonge, veligers 2005)
Paugh Lake, veligers 2004, not found in 2005
Golden Lake, veligers (2005)
Olmstead Lake, adults (2003)
Jeffreys Lake, adults (2004)
Muskrat River, veligers (2005)

Rusty Crayfish

Ottawa River
Mississippi River
Lake Clear
Round Lake

You Can Help

Humans often contribute to the spread of invasive species in our lakes and rivers. For example, when you pull your boat from one lake, and launch it on another, you may be transporting invasive species on your equipment.

When Boating on our Lakes and Rivers:

- Inspect your boat, motor, trailer, and boating equipment such as anchors and fishing gear, centerboards, rollers, and axles. Remove any zebra mussels and other animals and plants that are visible before leaving any water body.
 - Drain water fully from the motor, live well, bilge and transom wells while on land immediately before leaving the water body
 - Wash or dry your boat, tackle, downriggers, trailer, and other boating equipment to kill harmful species that were not visible at the boat launch. Some aquatic species can survive more than two weeks out of water. Therefore, it is important to:
 - o Rinse your boat and equipment that normally gets wet with hot tap water (greater than 40 C), or
 - o Spray your boat and trailer with high pressure water (250 psi), or
- Invasive species travel to new water bodies by hitching a ride. The most effective way to protect lakes and rivers from these invaders is to clean your boating and fishing equipment before travelling on to another location.
- o Dry your boat and equipment in the sun for at least five days before transporting them to another body of water.
- Empty your bait bucket on land before leaving any body of water. Never release live bait into water, or release aquatic animals from one water body into another. It is illegal to use gobies, ruffe or rudd for bait!



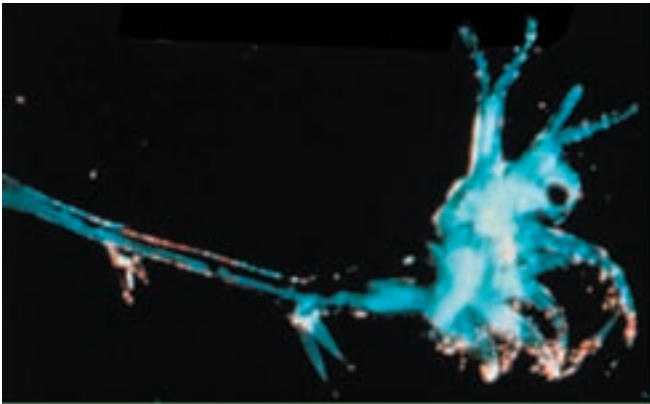
Carry Your Licence

As a resident of Canada, your fishing-version Outdoors Card must have a fishing licence tag attached to it in order to be a valid licence. If you are a non-resident of Canada, your basic licence form must be signed and have the appropriate licence tag attached to it to be valid. Your Outdoors Card or non-resident licence is not transferable; it provides privileges to you alone. Remember to carry it with you at all times when fishing. If a Conservation Officer asks to see your licence, the law states that you must show it.

You can purchase your licence on-line through the MNR store:

<http://themnrstore.mnr.gov.on.ca/default.htm>





spiny water flea

UN-WELCOME GUESTS

www.invadingspecies.com
1-800-563-7711

YOU CAN HELP!

Protect our natural environment
by stopping the spread of invasive species

Do not move firewood from one area to another

Learn to recognize invasive plant species such as purple loosestrife and don't contribute to their spread

Inspect and clean your boat, motor, trailer, and boating equipment before leaving a water body. Remove any live plants or bugs that are visible

Drain water from the motor, live well, bilge and transom wells, on land, immediately after pulling your boat from the water, and make sure these areas dry fully

Never release live bait into water, or transfer aquatic animals from one water body into another



Asian long horned beetle



emerald ash borer



purple loosestrife



 **Keep All Our
Lakes Great!**

You can stop invading species

