

INVASIVE SPECIES SUB-COMMITTEE

AGENDA

NOVEMBER 22, 2013

Approval of minutes from October 29, 2013 Committee Meeting.

New Business:

- 1.) Dave Wick, Executive Director of the Lake George Park Commission will update the committee on invasive efforts..
- 2.) Walt Lender, Executive Director of the Lake George Association will update the committee on the lake steward program.
- 3.) Review of proposals for consultant services regarding preparation of SEQRA documents and Environmental Impact Statement relating to mandatory boat washing and inspections on all bodies of water in Warren County.

Pending Items:

- 1.) Discussion to continue regarding split of \$300,000 allocated in the 2014 County Budget (10.29.13).

Motion to Adjourn



# Lake George

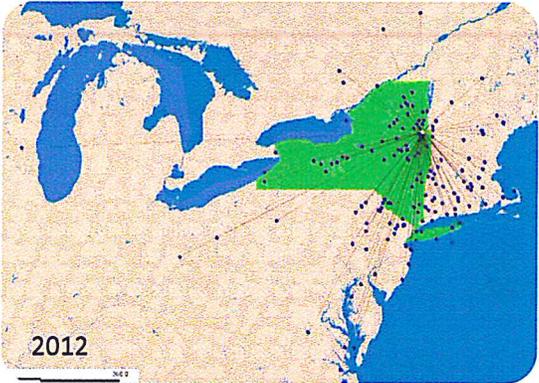
## Lake Steward Program:

**An invasive species education & spread prevention program on Lake George**

Since 2008, the LGA's lake stewards have inspected over 32,000 boats at high traffic launches around the Lake, removed 490 aquatic invasive species (AIS) samples from boats, and have educated more than 75,000 boaters about invasive species spread prevention. Besides the benefit of removing AIS from boats and educating boaters about AIS spread prevention, the data gathered by the program helps define how invasive species are spread, and the pathways that exist between other regional waterways and Lake George.

**In 2013, the Lake George Lake Steward Program interacted with 7,087 boats at 6 boat launches on Lake George. Boaters reported having come from 163 unique waterbodies within 2 weeks prior to arriving at Lake George.**

Data collected from 2008-2013 indicates that boats have come from over 400 different waterbodies across the region to Lake George



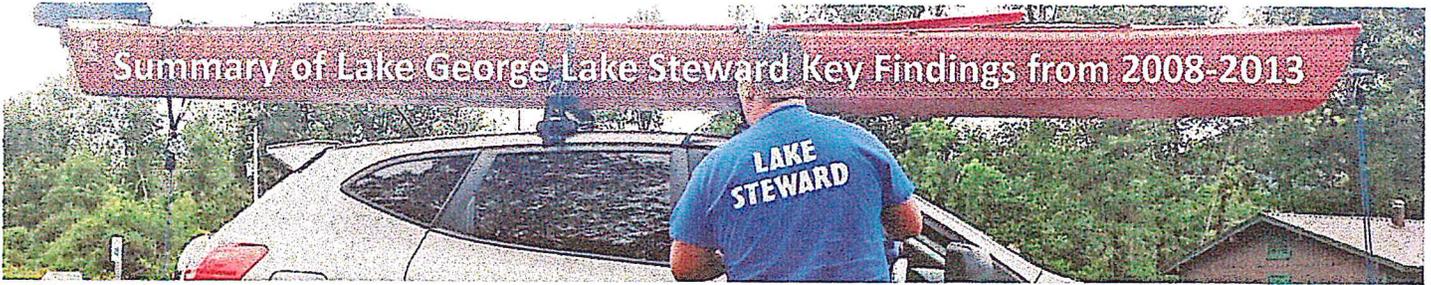
### Most Common Bodies of Water Visited within 2 Weeks Prior to Launching in Lake George

From 2008-2013 Lake George Lake Steward Program Data

| Waterbody                 | Number of Boats |      |      |      |      |      | Total |
|---------------------------|-----------------|------|------|------|------|------|-------|
|                           | 2008            | 2009 | 2010 | 2011 | 2012 | 2013 |       |
| Hudson River (NY)         | 89              | 65   | 33   | 100  | 86   | 91   | 464   |
| Lake Champlain            | 51              | 62   | 65   | 97   | 96   | 80   | 451   |
| Saratoga Lake (NY)        | 47              | 38   | 28   | 69   | 73   | 67   | 322   |
| Lake Hopatcong (NJ)       | 54              | 20   | 19   | 55   | 60   | 59   | 267   |
| Atlantic Ocean            | 52              | 12   | 18   | 34   | 53   | 67   | 237   |
| Schroon Lake (NY)         | 24              | 17   | 23   | 47   | 39   | 43   | 193   |
| Long Island Sound (NY)    | 22              | 17   | 13   | 48   | 40   | 33   | 173   |
| Candlewood Lake (CT)      | 22              | 13   | 4    | 33   | 33   | 20   | 125   |
| Greenwood Lake (NY/NJ)    | 22              | 11   | 14   | 20   | 14   | 22   | 107   |
| Connecticut River (CT)    | 23              | 11   | 8    | 27   | 22   | 14   | 105   |
| Sacandaga Lake (NY)       | 25              | 4    | 9    | 18   | 18   | 14   | 88    |
| Brant Lake (NY)           | 5               | 8    | 7    | 26   | 17   | 16   | 79    |
| Great Sacandaga Lake (NY) | 0               | 20   | 0    | 2    | 19   | 26   | 67    |
| Lake Wallenpaupack (PA)   | 15              | 2    | 5    | 21   | 9    | 10   | 62    |
| Mohawk River, NY          | 9               | 8    | 7    | 15   | 11   | 9    | 59    |
| Delaware River            | 13              | 11   | 2    | 7    | 8    | 10   | 51    |
| Great South Bay, NY       | 3               | 8    | 0    | 14   | 14   | 4    | 43    |
| Lake Bomoseen, VT         | 8               | 5    | 6    | 11   | 6    | 7    | 43    |

**Red: 40 or more known AIS Orange: 1 or more known AIS Green: No known AIS Blue: NA (salt water)**

# Summary of Lake George Lake Steward Key Findings from 2008-2013



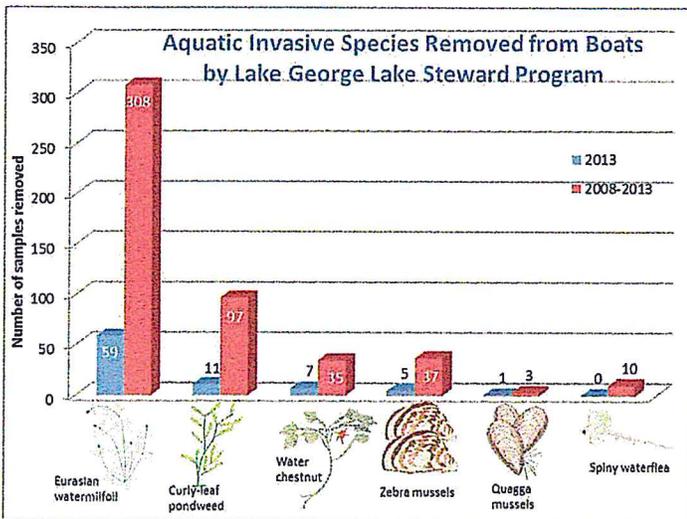
## Total Boats Inspected

| Launch               | 2008        | 2009        | 2010        | 2011        | 2012        | 2013        |
|----------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Norowal Marina       | 1264        | 1030        | 807         | 2227        | 2337        | 2990        |
| Mossy Point          | 949         | 1410        | 875         | 3598        | 1836        | 1816        |
| Dunham's Bay         | 437         | 445         | —           | 512         | 174         | 620         |
| Hague Town           | 152         | 531         | 279         | 351         | 967         | 443         |
| Rogers Rock          | 126         | 424         | 577         | 1796        | 1658        | 1124        |
| Northwest Bay        | 31          | —           | —           | —           | —           | —           |
| Island View Marina   | 25          | —           | —           | —           | —           | —           |
| Gull Bay             | —           | 16          | —           | —           | —           | —           |
| Million Dollar Beach | —           | —           | —           | 109         | —           | 94          |
| <b>Total</b>         | <b>2984</b> | <b>3856</b> | <b>2538</b> | <b>8593</b> | <b>6972</b> | <b>7087</b> |



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## Invasive Species Found

| Species               | 2008      | 2009      | 2010      | 2011      | 2012       | 2013      | Total      |
|-----------------------|-----------|-----------|-----------|-----------|------------|-----------|------------|
| Eurasian watermilfoil | 28        | 48        | 36        | 64        | 73         | 59        | 308        |
| Curly-leaf pondweed   | 24        | 13        | 9         | 15        | 25         | 11        | 97         |
| Water chestnut        | 4         | 7         | 5         | 6         | 6          | 7         | 35         |
| Zebra mussels         | 5         | 7         | 3         | 2         | 15         | 5         | 37         |
| Quagga mussels        | 0         | 0         | 0         | 0         | 2          | 1         | 3          |
| Spiny waterflea       | 0         | 0         | 0         | 0         | 10         | 0         | 10         |
| <b>Total</b>          | <b>61</b> | <b>75</b> | <b>53</b> | <b>87</b> | <b>131</b> | <b>83</b> | <b>490</b> |

## Number Invasive Species Removed

| Launch               | 2008      | 2009      | 2010      | 2011      | 2012       | 2013      |
|----------------------|-----------|-----------|-----------|-----------|------------|-----------|
| Norowal Marina       | 28        | 33        | 15        | 13        | 52         | 48        |
| Mossy Point          | 6         | 30        | 19        | 1         | 36         | 22        |
| Dunham's Bay         | 11        | 5         | —         | 3         | 0          | 0         |
| Hague Town           | 15        | 2         | 11        | 50        | 23         | 1         |
| Rogers Rock          | 1         | 5         | 8         | 20        | 20         | 11        |
| Northwest Bay        | 0         | —         | —         | —         | —          | —         |
| Island View Marina   | 0         | —         | —         | —         | —          | —         |
| Gull Bay             | —         | 0         | —         | —         | —          | —         |
| Million Dollar Beach | —         | —         | —         | 0         | —          | 1         |
| <b>Total</b>         | <b>61</b> | <b>75</b> | <b>53</b> | <b>87</b> | <b>131</b> | <b>83</b> |

## At Risk Boats

Boats that have been in a waterbody other than Lake George within two weeks prior to launching at a Lake George launch

|           | 2008 | 2009 | 2010 | 2011   | 2012 | 2013 |
|-----------|------|------|------|--------|------|------|
| % at Risk | —    | 14%  | 31%  | 16.50% | 13%  | 13%  |



The Lake George Association, Inc.  
 PO Box 408  
 Lake George, NY 12845  
 Phone: 518-668-3558  
 Fax: 518-668-4702  
[www.lakegeorgeassociation.org](http://www.lakegeorgeassociation.org)

The 2013 Lake George Lake Steward Program is funded by the Lake George Park Commission, the Lake Champlain Basin Program, and the Helen V. Froehlich Foundation through the Lake George Association.

**WARREN COUNTY  
TABULATION SHEET**

| NO.: WC 68-13<br>ITEM(S): RFP FOR PREPARATION OF A STRATEGIC ACTION PLAN FOR AQUATIC INVASIVE SPECIES SPREAD PREVENTION FOR NAVIGABLE BODIES OF WATER IN WARREN COUNTY<br>DATE: NOVEMBER 15, 2013<br>TIME: 3:00 P.M. | NAME & ADDRESS<br>Dru Associates, Inc.<br>Attn: Marilyn Drusinsky Abrams<br>40 Hitching Post Lane<br>Glen Cove, NY 11542<br>Ph: 516-676-7107 | NAME & ADDRESS<br>The L.A. Group<br>Attn: S. Jeffrey Anthony<br>40 Long Alley<br>Saratoga Springs, NY 12866<br>Ph: 587-8100<br>Fax: 587-0180 | NAME & ADDRESS<br>Miller Engineering, PLLC<br>Attn: Douglas Miller<br>PO Box 422<br>Manlius, NY 13104<br>Ph: 315-682-0028<br>Fax: 315-682-0028 | NAME & ADDRESS<br>O'Brien & Gere Engineers, Inc.<br>Attn: William Schey<br>435 New Karner Rd.<br>Albany, NY 12205<br>Ph: 484-804-7225<br>Fax: 215-628-9953 |
|--|--|--|--|--|
| DESCRIPTION OF ITEM  | PRICE  | PRICE  | PRICE  | PRICE  |
| A. Develop Scope of Services   | \$2,400.00   | \$3,220.00   | \$6,615.00   | \$7,700.00   |
| B. Identification of Water Bodies  | \$4,800.00   | \$7,740.00   | \$2,055.00   | \$9,800.00   |
| C. Needs and Benefit Assessment  | \$20,550.00  | \$63,980.00  | \$57,740.00  | \$131,750.00   |
| D. Feasibility Study of Improved Spread Prevention Measures  | \$8,800.00   | \$43,960.00  | \$18,310.00  | \$60,300.00  |
| E. Public Participation Program  | \$16,250.00  | \$16,320.00  | \$92,665.00  | \$29,760.00  |
| F. Submission of a draft SAP   | \$13,600.00  | \$52,668.00  | \$24,410.00  | \$43,200.00  |
| G. Project Deliverables  | \$14,750.00  | \$1,880.00   | \$37,910.00  | \$16,200.00  |
| H. Project Administration  |  | \$6,950.00   |  |  |
| Travel   | \$869.00   |  |  |  |
| Publishing, copying  | TBD  |  |  |  |
| Total Reimbursables  |  | \$20,100.00  | \$20,505.00  |  |
| TOTAL:   | \$82,019.00  | \$216,818.00   | \$259,490.00   | \$298,710.00   |
| AWARDED TO:  |  |  |  |  |
| ✓  |  |  |  |  |
| JULIE A. PACYNA, PURCHASING AGENT  |  |  |  |  |

