

## **New York Lake Ontario Stocking and Marking Program 2004**

T. H. Eckert

*New York State Department of Environmental Conservation  
Cape Vincent, NY 13618*

The New York Lake Ontario fish stocking and marking report is prepared annually to summarize information about fish stocked in the most recent calendar year, and includes all fish stocked in New York waters of Lake Ontario and its tributaries which are expected to contribute to the open lake fish stocks and associated fisheries. The 2004 report consists of three tables, plus a description of stocking terminology and abbreviations. Table 1 provides totals for fish stocked in New York waters in 2004 by species, strain, and life stage, and compares those totals with the 2004 DEC stocking policy. Table 2 provides totals by species and life stage, summarizing the New York Lake Ontario stocking history from 1990-2004. Table 3 provides specific information for each group of fish stocked in 2004. If needed, more detailed information on fish stocked can be obtained from the agencies and/or hatcheries which conducted the work.

### **TERMINOLOGY AND ABBREVIATIONS**

**Species:** Names follow those in the American Fisheries Society's sixth edition of *Common and Scientific Names of Fishes from the United States, Canada, and Mexico*.

**Location** and **GD/KY** (Grid/Key): Location information for fish stocked in New York waters. Fish stocked in tributaries of Lake Ontario are designated using the name of the water in the location column, and the official NY stream key in the GD/KY column (key = capital O, period, 2 or 3 digit number, plus in some cases, a dash followed by a pond/embayment designation and one or more tributary numbers). Stream keys which are too long to fit within the GD/KY column are completed in the comments column. More specific information

about stream stocking sites is not included in Table 3, but is part of the DEC stocking data base. Fish stocked directly into Lake Ontario are designated using a shore area description in the location column, and a 3 digit grid number in the GD/KY column (standard grids based on 10 minute blocks of longitude and latitude).

**Date Stk** (stocked): Date the fish were stocked. For pen reared fish, refers to the date the fish were released from their rearing pen.

**Htch** (Hatchery): Last hatchery at which the fish were raised for a significant period of time. Hatcheries in Table 3 are designated using the abbreviations shown below.

Abbreviations for New York DEC hatcheries:

|    |                 |
|----|-----------------|
| AD | Adirondack      |
| CA | Catskill        |
| CD | Caledonia       |
| CQ | Chautauqua      |
| CS | Cedar Springs   |
| ON | Oneida          |
| SR | Salmon River    |
| VH | Van Hornesville |

Abbreviations for other county, state or federal hatcheries, and sportsmen clubs:

|     |  |
|-----|--|
| ALL | Allegheny National Fish Hatchery, PA   |
| PMP | Powder Mill Park Hatchery (Monroe Co.) |
| TUN | Tunison USGS Research Station, NY      |

**YC** (Year Class): Year class of the fish stocked. Year class is defined as the first significant year-of-life for a group of fish, or the first year in which they grew significantly. For spring or summer spawning fish, year class and year

spawned will be the same. For fall spawning fish, year class will be one year later than the year spawned (for example, coho salmon from eggs spawned in October 2002, would be 2003 year class).

**Strain:** Strain of the fish stocked. Fish stocked in New York waters are shown with strain abbreviations that are defined below. Information is included to determine whether or not terms such as steelhead or landlocked could be applied to a group of fish.

ALL (Allegheny). Landlocked strain of Atlantic salmon held at Allegheny National Fish Hatchery, and derived from eggs from West Grand Lake in the State of Maine.

GRD (Grand Lake). Landlocked strain of Atlantic salmon. Eggs obtained from the State of Maine, and taken either from a captive broodstock held at Grands Lakes Hatchery or taken from wild broodstock captured in West Grand Lake.

LC (Little Clear). Landlocked strain of Atlantic salmon. Includes both a feral broodstock maintained in Little Clear Lake, NY, as well as a captive broodstock held at the DEC Adirondack Hatchery and derived from eggs taken from Little Clear Lake.

ONL (Oneida Lake). Wild, self-sustaining, population of walleye from Oneida Lake, NY.

RA (Randolph). Fall spawning strain of domestic rainbow trout maintained at the DEC Randolph Hatchery.

RL (Rome Lab). Domesticated, furunculosis resistant, strain of brown trout originated at the DEC Rome Hatchery. Maintained at Rome Hatchery with production broodstocks at Randolph and Catskill Hatcheries.

SAL (Salmon River). Lake Ontario populations of coho and chinook salmon which return to Salmon

River for spawning. These populations were derived from eggs obtained mainly from Lake Michigan sources; through 1983 for coho salmon, and through 1986 for chinook salmon. The spawning runs are assumed to consist primarily of feral fish from Salmon River Hatchery stockings, but may contain some naturally produced fish or strays from other hatcheries.

SEN (Seneca Lake). Lake trout descended from a naturally sustained population that coexisted with sea lamprey in Seneca Lake, NY. In addition to the population in Seneca Lake, a captive broodstock has been maintained at Allegheny National Fish Hatchery.

SKA (Skamania). Summer run, anadromous strain of rainbow (steelhead) trout derived from eggs imported from Lake Michigan to New York. Feral Lake Ontario broodstock maintained since 1996 through fin-clipped fish stocked in Salmon River.

SLR (St. Lawrence River). Wild, self-sustaining population of lake sturgeon from the St. Lawrence River. Eggs for the 2004 year class were taken from fish captured below the Saunders-Moses power dam near Massena, NY.

SUP (Superior). Captive lake trout broodstock initially developed at the FWS Marquette Hatchery and derived from "lean" Lake Superior lake trout. Eggs for the 2003 year class obtained from broodstock held at Allegheny National Fish Hatchery.

TUN (Tunison). Atlantic salmon broodstock held at USGS Tunison Research Station. Included fish derived from eggs from West Grand Lake in the State of Maine, as well as fish that returned as adults to Salmon River Hatchery (presumably feral fish) and were then held for several more years at Tunison.

WAS (Washington). Winter run, anadromous, strain of rainbow (steelhead) trout derived from eggs imported from Washington to New York

through 1980. Feral Lake Ontario broodstock maintained since 1981 through fin-clipped fish stocked in Salmon River.

**W (Wild).** Broodstock which spend a significant amount of time and achieve most of their growth in a lake or river. Includes both fish from natural reproduction as well as feral fish stocked at an earlier life stage. Adult fish may be held in captivity for several weeks or months until eggs are ready to be stripped.

**D (Domestic).** A captive broodstock which reaches maturity in a hatchery, regardless of the source of the eggs that they were derived from.

**Mos (Months):** Age of the fish to the nearest half month from the time the lot initiated feeding to the time they were stocked.

**Stage:** Life stage at which the fish was stocked, based on the convention that the birth date of fish from any particular year class is assumed to be January 1. Fingerlings (fing) are fish in their first year of life (age 0 or young-of-year), and year stocked will equal year class. The terms fry, spring fingerlings (SF), advanced fingerlings (AF), and fall fingerlings (FF), are simply additional designations for portions of the fingerling life stage. The term pond fingerling (PF) is used for fingerling walleye reared outside in ponds, usually without any supplemental food. Yearling fish (Ylg) are fish in their second year of life (age 1), and year stocked will be one more than year class. Yearling fish are most often stocked in the spring, and the term spring yearling (SY) is often applied to such fish. The term adult (Ad) is applied to fish stocked in their third or later year of life (age 2 or more), even though these fish have often not reached sexual maturity.

**Wt(g) [Weight]:** Average weight of the fish in grams. For pen reared fish, refers to their size at the time they were released from their rearing pen.

**Mark:** Fin clips, tags, or other identifying marks

applied to all members of a group before stocking. If more than one mark is applied (i.e., two clips, or a clip plus a tag), all will be listed. Standard abbreviations for the various marks and tags are listed below. Tag colors, and numbers or codes, are included under the column labeled comments.

Ad     adipose fin clip  
LV     left ventral fin clip  
LP     left pectoral fin clip  
CWT    coded-wire-tag  
Floy    numbered Floy tag  
SCU    lateral scutes (bony plates) removed

**Number Stk (stocked):** Number of fish stocked at the particular site.

**Comments:** Significant comments and additional information relating to the rearing, marking, or stocking of the fish. If left blank, it can be assumed that the particular group of fish were released in a direct shore-line or stream-side stocking during daylight hours, without incident or undue mortality. Further descriptions for some of the comments listed in Table 3 are given below.

**Barge:** Fish transferred to a barge, ship, or other water craft, and transported some distance offshore before being released.

**Boat Stocked:** Fish transferred to a smaller boat or water craft and stocked nearshore. Walleye that were boat stocked in 2004 were typically scattered throughout the designated pond or embayment.

**Gray (number range):** Used with adult Atlantic salmon from Tunison Station to describe the color of Floy tags used, and the range of the individual numbers printed on those tags.

**Controls:** Marked fish to act as controls in the evaluation of another marked experimental group.

**CWT (6 digit number):** Number for the coded-wire-tag used with each lot of lake trout or rainbow trout.

Pen Reared (date, size): Fish held and reared in a pen at the release site for a period of time, usually one to four weeks. The date the fish were placed in their pen, and their average size at that time, are shown in parenthesis.

PMP release pond: Outdoor raceway at Powder Mill Park Hatchery which drains directly into a tributary of Irondequoit Creek. Washington steelhead from the 2003 year class were overwintered in this raceway, and then flushed out (raceway drained) on March 29, 2004.

Smolt Release Pond (date): Fish released through the smolt release pond at the DEC Salmon River Hatchery. Several species may be present in the pond at once, and the fish are regularly monitored and fed. In early spring, the last gate on the smolt release pond is removed, allowing the fish to voluntarily migrate into Beaverdam Brook. This date is shown in parenthesis in the comments section. Date stocked corresponds to the date the smolt release pond was drained, forcing all remaining fish into Beaverdam Brook.

---

*Table 1. Summary of stocking in New York waters of Lake Ontario during 2004, and comparisons with the DEC 2004 stocking policy.*

| Species               | Stage | Strain | Actual No.<br>Stocked | DEC Stocking<br>Policy |
|-----------------------|-------|--------|-----------------------|------------------------|
| Atlantic Salmon       | AF    | TUN-D  | 4,968                 | 0                      |
|                       | Ylg   | LC     | 50,000                | 50,000                 |
|                       |       | TUN-D  | 1,308                 | 0                      |
|                       | Adult | mix    | 851                   | 0                      |
| Atlantic Salmon Total |       |        | 57,127                | 50,000                 |
| Brown Trout           | SF    | RL-D   | 30,000                | 0                      |
|                       | Ylg   | RL-D   | 366,970               | 450,000                |
| Brown Trout Total     |       |        | 396,970               | 450,000                |
| Chinook Salmon        | SF    | SAL-W  | 1,836,389             | 1,761,600              |
| Coho Salmon           | FF    | SAL-W  | 155,000               | 155,000                |
|                       | Ylg   | SAL-W  | 95,000                | 90,000                 |
| Coho Salmon Total     |       |        | 250,000               | 245,000                |
| Lake Trout            | Ylg   | SEN-D  | 305,600               | 420,000                |
|                       |       | SUP-D  | 151,200               | 80,000                 |
| Lake Trout Total      |       |        | 456,800               | 500,000                |
| Rainbow Trout         | Ylg   | WAS-W  | 507,321               | 492,700                |
|                       |       | SKA-W  | 50,465                | 48,000                 |
|                       |       | RA-D   | 63,760                | 75,000                 |
| Rainbow Trout Total   |       |        | 621,546               | 615,700                |
| Walleye               | PF    | ONL-W  | 40,800                | 67,600                 |
|                       | AF    | ONL-W  | 30,000                | 0                      |
| Walleye Total         |       |        | 70,800                | 67,600                 |
| Lake Sturgeon         | FF    | SLR-W  | 1,000                 | 1,200                  |
| Grand Total           |       |        | 3,690,632             | 3,691,100              |

**Table 2. Approximate numbers (1000s) of salmon, trout, and other species stocked in New York**

| Species &<br>Life Stage | Year Stocked |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------------|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                         | 1990         | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
| Co Ylg                  | 110          | 97   | 94   | 96   | 92   | 119  | 98   | 95   | 90   | 90   | 99   | 101  | 105  | 95   | 95   |
| Co FF                   | 187          | 132  | 155  | 100  | 223  | 172  | 196  | 155  | 155  | 137  | 155  | 155  | 155  | 155  | 155  |
| Co AF                   | 144          | 0    | 290  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Co f                    | 0            | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 4    | 7    | 0    |
| Ck f                    | 2720         | 2835 | 2798 | 1603 | 1000 | 1150 | 1300 | 1605 | 1596 | 1596 | 1654 | 1629 | 1633 | 1622 | 1836 |
| Ck FF                   | 0            | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| LT Ylg                  | 796          | 818  | 508  | 501  | 507  | 500  | 350  | 500  | 426  | 476  | 490  | 500  | 500  | 500  | 457  |
| LT FF                   | 310          | 160  | 0    | 0    | 5    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| LT Ad                   | 0            | 0    | 0    | 0    | 0    | 0    | 0    | 0    | <1   | 0    | <1   | 0    | 0    | 0    | 0    |
| BT Ylg                  | 461          | 382  | 415  | 445  | 402  | 382  | 361  | 426  | 426  | 429  | 421  | 405  | 382  | 414  | 367  |
| BT FF                   | 0            | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 25   | 0    | 0    | 136  | 39   | 0    |
| BT AF                   | 0            | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 114  | 0    | 0    | 0    |
| BT f                    | 0            | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 30   |
| RT Ylg                  | 94           | 82   | 85   | 88   | 92   | 24   | 70   | 93   | 92   | 97   | 75   | 60   | 71   | 75   | 64   |
| RT FF                   | 34           | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 14   | 0    | 0    | 20   | 10   | 0    | 0    |
| RT f                    | 0            | 29   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 14   | 40   | 0    |
| RT Ad                   | 0            | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | <1   | 0    | 0    | 0    | 0    |
| Sthd Ad                 | 0            | 0    | 0    | 0    | 0    | 0    | 0    | 0    | <1   | 0    | 0    | 0    | 0    | 0    | 0    |
| Sthd Ylg                | 412          | 551  | 515  | 454  | 487  | 534  | 543  | 555  | 528  | 521  | 533  | 583  | 535  | 560  | 558  |
| Sthd FF                 | 180          | 40   | 0    | 0    | 0    | 50   | 60   | 110  | 0    | 107  | 0    | 0    | 15   | 0    | 0    |
| Sthd f                  | 0            | 175  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 6    | 0    |
| ST FF                   | 0            | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| AS Ad                   | 0            | 0    | 0    | 0    | 0    | 2    | 2    | 1    | 4    | 6    | 1    | <1   | <1   | <1   | 1    |
| AS Ylg                  | 33           | 178  | 169  | 135  | 151  | 130  | 97   | 76   | 73   | 84   | 78   | 75   | 75   | 50   | 51   |
| AS FF                   | 0            | 0    | 0    | 30   | 38   | 34   | 34   | 25   | 25   | 25   | 25   | 25   | 0    | 0    | 0    |
| AS AF                   | 0            | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 5    |
| AS f                    | 0            | 0    | 0    | 0    | 0    | 60   | 171  | 73   | 0    | 156  | 84   | 62   | 17   | 32   | 0    |
| Sal Total               | 5482         | 5479 | 5029 | 3453 | 2997 | 3158 | 3282 | 3715 | 3430 | 3749 | 3615 | 3729 | 3655 | 3594 | 3619 |
| Wal AF                  | 125          | 122  | 52   | 202  | 100  | 104  | 264  | 250  | 194  | 155  | 129  | 10   | 10   | 211  | 71   |
| Stur FF                 | 0            | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 1    |
| TOTAL                   | 5607         | 5601 | 5081 | 3655 | 3097 | 3262 | 3546 | 3964 | 3623 | 3904 | 3745 | 3739 | 3665 | 3807 | 3691 |

Abbreviations:

Ad: Fish age 2 or older (adults)

Ylg: Yearlings, normally stocked between January and June

FF: Fall fingerlings, stocked between September and December

AF: Advanced fingerlings, stocked between mid-June and September

f: fry and spring fingerlings, stocked before mid-June

Co: coho salmon

Ck: chinook salmon

LT: lake trout

BT: brown trout

RT: rainbow trout-domestic strains

Sthd: steelhead-anadromous rainbow trout

ST: brook trout

AS: Atlantic salmon

Sal: all salmonine species

Wal: walleye

Stur: lake sturgeon

**waters of Lake Ontario from 1990 to 2004.**

Numbers of salmon, trout, and other species stocked in New York water of Lake Ontario from 1968-1989 can be found in Eckert, T.H. 2000. Lake Ontario stocking and marking program 1999. Section 1 in

NYSDEC 1999 Annual Report, Bureau of Fisheries Lake Ontario Unit and St. Lawrence River Unit to the Great Lakes Fishery Commission's Lake Ontario Committee.

***NYSDEC Lake Ontario Annual Report 2004***

***Table 3. Trout, salmon, and other species, stocked in New York waters of Lake Ontario in 2004.***

| Species                     | Location       | GD/KY | Date Stk     | Htch | YC   | Strain | Mos  | Stage | Wt(g) | Mark | Number Stk | Comments                 |
|-----------------------------|----------------|-------|--------------|------|------|--------|------|-------|-------|------|------------|--------------------------|
| Atlantic Salmon             | Salmon River   | 0.53  | 14-Jul-04    | TUN  | 2004 | TUN-D  | 6.5  | AF    | 2.64  | none | 4,968      |                          |
| Atlantic Salmon             | Salmon River   | 0.53  | 20-Apr-04    | AD   | 2003 | LC     | 13.5 | Ylg   | 47.2  | none | 20,000     |                          |
| Atlantic Salmon             | Salmon River   | 0.53  | 23-Apr-04    | AD   | 2003 | LC     | 13.5 | Ylg   | 39.8  | none | 10,000     |                          |
| Atlantic Salmon             | Point Breeze   | 711   | 05-May-04    | AD   | 2003 | LC     | 14   | Ylg   | 42.8  | none | 20,000     | boat stocked             |
| Atlantic Salmon             | Salmon River   | 0.53  | 14-15-Jul-04 | TUN  | 2003 | TUN-D  | 18.5 | Ylg   | 64.5  | Ad   | 1,308      |                          |
| Atlantic Salmon             | Salmon River   | 0.53  | 15-Jul-04    | TUN  | 2002 | GRD    | 31   | Ad    | 204   | none | 398        |                          |
| Atlantic Salmon             | Salmon River   | 0.53  | 23-24-Jun-04 | TUN  | 2001 | GRD    | 38   | Ad    | 887   | Floy | 213        | Gray (26175-27000)       |
| Atlantic Salmon             | Salmon River   | 0.53  | 22-24-Jun-04 | TUN  | 2000 | GRD    | 50   | Ad    | 1683  | Floy | 189        | Gray (26175-27000)       |
| Atlantic Salmon             | Salmon River   | 0.53  | 22-24-Jun-04 | TUN  | 1999 | ALL-D  | 62   | Ad    | 2843  | Floy | 51         | Gray (26175-27000)       |
| Atlantic Salmon Total       |                |       |              |      |      |        |      |       | 53.0  |      | 57,127     |                          |
| Atlantic Salmon Fingerlings |                |       |              |      |      |        |      |       | 2.64  |      | 4,968      |                          |
| Atlantic Salmon Yearlings   |                |       |              |      |      |        |      |       | 44.5  |      | 51,308     |                          |
| Atlantic Salmon Adults      |                |       |              |      |      |        |      |       | 862   |      | 851        |                          |
| Brown Trout                 | Black River    | 0.19  | 27-May-04    | SR   | 2004 | RL-D   | 6.5  | SF    | 3.3   | none | 20,000     | surplus                  |
| Brown Trout                 | Stony Creek    | 0.40  | 27-May-04    | SR   | 2004 | RL-D   | 6.5  | SF    | 3.3   | none | 10,000     | surplus                  |
| Brown Trout                 | Henderson Bay  | 424   | 12-May-04    | SR   | 2003 | RL-D   | 17.5 | Ylg   | 121.6 | none | 13,600     | barge                    |
| Brown Trout                 | Stony Point    | 423   | 12-May-04    | SR   | 2003 | RL-D   | 17.5 | Ylg   | 121.6 | none | 30,400     | barge                    |
| Brown Trout                 | Stony Creek    | 0.40  | 06-May-04    | SR   | 2003 | RL-D   | 17   | Ylg   | 121.0 | none | 2,400      |                          |
| Brown Trout                 | Selkirk Shores | 623   | 13-May-04    | SR   | 2003 | RL-D   | 17.5 | Ylg   | 90.7  | none | 28,800     | barge                    |
| Brown Trout                 | Oswego         | 721   | 13-May-04    | SR   | 2003 | RL-D   | 17.5 | Ylg   | 90.7  | none | 19,200     | barge                    |
| Brown Trout                 | Oswego         | 721   | 19-May-04    | SR   | 2003 | RL-D   | 17.5 | Ylg   | 92.6  | none | 9,600      | barge                    |
| Brown Trout                 | Fair Haven     | 720   | 14-May-04    | SR   | 2003 | RL-D   | 17.5 | Ylg   | 108.0 | none | 28,800     | barge                    |
| Brown Trout                 | Sodus Point    | 819   | 18-May-04    | CD   | 2003 | RL-D   | 16.5 | Ylg   | 117.8 | LP   | 14,710     | controls - shore stocked |
| Brown Trout                 | Sodus Point    | 819   | 18-May-04    | CD   | 2003 | RL-D   | 15.5 | Ylg   | 119.7 | LP   | 5,290      | controls - shore stocked |
| Brown Trout                 | Sodus Point    | 819   | 19-May-04    | CD   | 2003 | RL-D   | 16.5 | Ylg   | 112.0 | LV   | 10,000     | barge                    |
| Brown Trout                 | Sodus Point    | 819   | 19-May-04    | CD   | 2003 | RL-D   | 15.5 | Ylg   | 123.6 | LV   | 10,000     | barge                    |
| Brown Trout                 | Pultneyville   | 818   | 19-May-04    | CA   | 2003 | RL-D   | 17.5 | Ylg   | 148.2 | none | 15,000     |                          |
| Brown Trout                 | Webster        | 816   | 28-May-04    | SR   | 2003 | RL-D   | 18   | Ylg   | 103.1 | none | 18,000     |                          |
| Brown Trout                 | Irondequoit    | 815   | 07-Jun-04    | CD   | 2003 | RL-D   | 16   | Ylg   | 137.9 | none | 17,980     |                          |
| Brown Trout                 | Rochester      | 815   | 09-Jun-04    | CD   | 2003 | RL-D   | 16.5 | Ylg   | 142.6 | none | 17,960     |                          |
| Brown Trout                 | Braddocks      | 815   | 04-Jun-04    | CD   | 2003 | RL-D   | 16   | Ylg   | 138.7 | none | 12,100     |                          |

**NYSDEC Lake Ontario Annual Report 2004**

**Table 3 (continued). Trout, salmon, and other species, stocked in New York waters of Lake Ontario in 2004.**

| Species                        | Location            | GD/KY    | Date Stk  | Htch | YC   | Strain | Mos  | Stage | Wt(g) | Mark  | Number Stk | Comments                   |
|--------------------------------|---------------------|----------|-----------|------|------|--------|------|-------|-------|-------|------------|----------------------------|
| Brown Trout                    | Braddocks           | 815      | 08-Jun-04 | CD   | 2003 | RL-D   | 16.5 | Ylg   | 138.3 | none  | 5,860      |                            |
| Brown Trout                    | Hamlin              | 713      | 28-May-04 | CD   | 2003 | RL-D   | 16   | Ylg   | 139.2 | none  | 10,900     |                            |
| Brown Trout                    | Hamlin              | 713      | 03-Jun-04 | CS   | 2003 | RL-D   | 18   | Ylg   | 162.0 | none  | 6,240      |                            |
| Brown Trout                    | Hamlin              | 713      | 15-Jun-04 | CD   | 2003 | RL-D   | 16.5 | Ylg   | 142.1 | none  | 6,130      |                            |
| Brown Trout                    | Point Breeze        | 711      | 17-May-04 | SR   | 2003 | RL-D   | 17.5 | Ylg   | 92.6  | LP-Ad | 20,000     | controls - shore stocked   |
| Brown Trout                    | Point Breeze        | 711      | 17-May-04 | SR   | 2003 | RL-D   | 17.5 | Ylg   | 98.6  | LV-Ad | 20,000     | barge                      |
| Brown Trout                    | Olcott              | 708      | 14-May-04 | CD   | 2003 | RL-D   | 15.5 | Ylg   | 105.0 | none  | 8,000      |                            |
| Brown Trout                    | Olcott              | 708      | 27-May-04 | CD   | 2003 | RL-D   | 16   | Ylg   | 139.1 | none  | 12,000     |                            |
| Brown Trout                    | Wilson              | 707      | 13-May-04 | CD   | 2003 | RL-D   | 15.5 | Ylg   | 105.0 | none  | 8,000      |                            |
| Brown Trout                    | Wilson              | 707      | 26-May-04 | CD   | 2003 | RL-D   | 16   | Ylg   | 114.8 | none  | 12,000     |                            |
| Brown Trout                    | lower Niagara River | O.158    | 04-May-04 | CD   | 2003 | RL-D   | 15   | Ylg   | 108.5 | none  | 4,000      |                            |
| Brown Trout Total              |                     |          |           |      |      |        |      |       | 107.8 |       | 396,970    |                            |
| Brown Trout Spring Fingerlings |                     |          |           |      |      |        |      |       | 3.3   |       | 30,000     |                            |
| Brown Trout Yearlings          |                     |          |           |      |      |        |      |       | 116.4 |       | 366,970    |                            |
| Chinook Salmon                 | Black River         | O.19     | 21-May-04 | SR   | 2004 | SAL-W  | 4.5  | SF    | 3.6   | none  | 100,000    |                            |
| Chinook Salmon                 | Association Island  | 423      | 27-May-04 | SR   | 2004 | SAL-W  | 5    | SF    | 3.9   | none  | 84,000     |                            |
| Chinook Salmon                 | South Sandy Creek   | O.45     | 20-May-04 | SR   | 2004 | SAL-W  | 4.5  | SF    | 3.8   | none  | 120,000    |                            |
| Chinook Salmon                 | Salmon River        | O.53     | 09-Jun-04 | SR   | 2004 | SAL-W  | 5.5  | SF    | 7.0   | none  | 100,000    |                            |
| Chinook Salmon                 | Salmon River        | O.53     | 14-Jun-04 | SR   | 2004 | SAL-W  | 5.5  | SF    | 6.6   | none  | 260,000    |                            |
| Chinook Salmon                 | Oswego River        | O.66     | 26-May-04 | SR   | 2004 | SAL-W  | 5    | SF    | 3.6   | none  | 114,700    |                            |
| Chinook Salmon                 | Oswego River        | O.66     | 24-May-04 | SR   | 2004 | SAL-W  | 5    | SF    | 6.2   | none  | 24,500     | Pen Reared (30-Apr, 2.5 g) |
| Chinook Salmon                 | Sterling Creek      | O.73     | 24-May-04 | SR   | 2004 | SAL-W  | 4.5  | SF    | 3.4   | none  | 112,000    |                            |
| Chinook Salmon                 | Sodus Bay           | O.84-P96 | 29-Apr-04 | CD   | 2004 | SAL-W  | 3.5  | SF    | 3.8   | none  | 57,400     |                            |
| Chinook Salmon                 | Sodus Bay           | O.84-P96 | 16-May-04 | SR   | 2004 | SAL-W  | 5    | SF    | 4.8   | none  | 52,590     | Pen Reared (03-May, 2.9 g) |
| Chinook Salmon                 | Genesee River       | O.117    | 30-Apr-04 | CD   | 2004 | SAL-W  | 3.5  | SF    | 4.3   | none  | 85,250     |                            |
| Chinook Salmon                 | Genesee River       | O.117    | 17-May-04 | SR   | 2004 | SAL-W  | 5    | SF    | 5.5   | none  | 85,115     | Pen Reared (04-May, 2.9 g) |
| Chinook Salmon                 | Sandy Creek         | O.130    | 30-Apr-04 | CD   | 2004 | SAL-W  | 3.5  | SF    | 4.2   | none  | 132,820    |                            |
| Chinook Salmon                 | Oak Orchard Creek   | O.138    | 27-Apr-04 | CD   | 2004 | SAL-W  | 3.5  | SF    | 3.6   | none  | 85,250     |                            |
| Chinook Salmon                 | Oak Orchard Creek   | O.138    | 16-May-04 | SR   | 2004 | SAL-W  | 5    | SF    | 3.8   | none  | 85,106     | Pen Reared (30-Apr, 2.8 g) |
| Chinook Salmon                 | Eighteen Mile Creek | O.148    | 27-Apr-04 | CD   | 2004 | SAL-W  | 3.5  | SF    | 3.5   | none  | 134,200    |                            |
| Chinook Salmon                 | lower Niagara River | O.158    | 03-Jun-04 | SR   | 2004 | SAL-W  | 5    | SF    | 6.7   | none  | 74,958     | Pen Reared (10-May, 3.3 g) |

***NYSDEC Lake Ontario Annual Report 2004***

***Table 3 (continued). Trout, salmon, and other species, stocked in New York waters of Lake Ontario in 2004.***

| Species                         | Location            | GD/KY    | Date Stk  | Htch | YC   | Strain | Mos  | Stage | Wt(g) | Mark   | Number Stk | Comments                     |
|---------------------------------|---------------------|----------|-----------|------|------|--------|------|-------|-------|--------|------------|------------------------------|
| Chinook Salmon                  | lower Niagara River | O.158    | 25-May-04 | SR   | 2004 | SAL-W  | 5    | SF    | 3.6   | none   | 128,500    |                              |
| Chinook Salmon Fingerling Total |                     |          |           |      |      |        |      |       | 4.6   |        | 1,836,389  |                              |
| Coho Salmon                     | Sodus Bay           | O.84-P96 | 26-Oct-04 | SR   | 2004 | SAL-W  | 10   | FF    | 25.2  | none   | 26,000     |                              |
| Coho Salmon                     | Genesee River       | O.117    | 26-Oct-04 | SR   | 2004 | SAL-W  | 10   | FF    | 25.2  | none   | 22,000     |                              |
| Coho Salmon                     | Sandy Creek         | O.130    | 19-Oct-04 | SR   | 2004 | SAL-W  | 9.5  | FF    | 21.0  | none   | 26,000     |                              |
| Coho Salmon                     | Oak Orchard Creek   | O.138    | 21-Oct-04 | SR   | 2004 | SAL-W  | 9.5  | FF    | 24.7  | none   | 26,000     |                              |
| Coho Salmon                     | Eighteen Mile Creek | O.148    | 21-Oct-04 | SR   | 2004 | SAL-W  | 9.5  | FF    | 24.6  | none   | 30,000     |                              |
| Coho Salmon                     | lower Niagara River | O.158    | 19-Oct-04 | SR   | 2004 | SAL-W  | 9.5  | FF    | 21.0  | none   | 25,000     |                              |
| Coho Salmon                     | Beaverdam Brook     | O.53-8   | 24-May-04 | SR   | 2003 | SAL-W  | 15.5 | Ylg   | 37.8  | none   | 95,000     | Smolt Release Pd (01-Apr-04) |
| Coho Salmon Total               |                     |          |           |      |      |        |      |       | 29.0  |        | 250,000    |                              |
| Coho Salmon Fall Fingerlings    |                     |          |           |      |      |        |      |       | 23.6  |        | 155,000    |                              |
| Coho Salmon Yearlings           |                     |          |           |      |      |        |      |       | 37.8  |        | 95,000     |                              |
| Lake Trout                      | Stony Point         | 423      | 12-May-04 | ALL  | 2003 | SUP-D  | 15.5 | Ylg   | 28.7  | Ad-CWT | 38,200     | Barge, CWT 230112            |
| Lake Trout                      | Stony Point         | 423      | 12-May-04 | ALL  | 2003 | SUP-D  | 15.5 | Ylg   | 26.7  | Ad-CWT | 33,000     | Barge, CWT 230113            |
| Lake Trout                      | Oswego              | 721      | 13-May-04 | ALL  | 2003 | SEN-D  | 15.5 | Ylg   | 25.9  | Ad-CWT | 38,200     | Barge, CWT 230105            |
| Lake Trout                      | Oswego              | 721      | 13-May-04 | ALL  | 2003 | SEN-D  | 15.5 | Ylg   | 21.6  | Ad-CWT | 38,200     | Barge, CWT 600133            |
| Lake Trout                      | Oswego              | 721      | 19-May-04 | ALL  | 2003 | SEN-D  | 15.5 | Ylg   | 20.6  | Ad-CWT | 38,200     | Barge, CWT 230107            |
| Lake Trout                      | Oswego              | 721      | 19-May-04 | ALL  | 2003 | SEN-D  | 15.5 | Ylg   | 19.7  | Ad-CWT | 38,200     | Barge, CWT 230108            |
| Lake Trout                      | Sodus               | 818      | 14-May-04 | ALL  | 2003 | SEN-D  | 15.5 | Ylg   | 23.9  | Ad-CWT | 38,200     | Barge, CWT 600132            |
| Lake Trout                      | Point Breeze        | 711      | 17-May-04 | ALL  | 2003 | SEN-D  | 15.5 | Ylg   | 22.7  | Ad-CWT | 38,200     | Barge, CWT 230106            |
| Lake Trout                      | Point Breeze        | 711      | 17-May-04 | ALL  | 2003 | SEN-D  | 15.5 | Ylg   | 20.2  | Ad-CWT | 38,200     | Barge, CWT 230109            |
| Lake Trout                      | Point Breeze        | 711      | 17-May-04 | ALL  | 2003 | SUP-D  | 15.5 | Ylg   | 28.3  | Ad-CWT | 40,000     | Barge, CWT 230110            |
| Lake Trout                      | Point Breeze        | 711      | 17-May-04 | ALL  | 2003 | SUP-D  | 15.5 | Ylg   | 32.4  | Ad-CWT | 40,000     | Barge, CWT 230111            |
| Lake Trout                      | Olcott              | 708      | 18-May-04 | ALL  | 2003 | SEN-D  | 15.5 | Ylg   | 25.2  | Ad-CWT | 38,200     | Barge, CWT 600131            |
| Lake Trout Yearling Total       |                     |          |           |      |      |        |      |       | 24.7  |        | 456,800    |                              |
| Rainbow Trout                   | Black River Bay     | 424      | 12-Apr-04 | SR   | 2003 | WAS-W  | 10.5 | Ylg   | 18.1  | none   | 36,000     | stocked at Sackets Harbor    |
| Rainbow Trout                   | Black River         | O.19     | 15-Apr-04 | SR   | 2003 | WAS-W  | 10.5 | Ylg   | 19.6  | none   | 36,000     |                              |
| Rainbow Trout                   | Stony Creek         | O.40     | 30-Mar-04 | SR   | 2003 | WAS-W  | 10   | Ylg   | 17.4  | none   | 20,700     |                              |
| Rainbow Trout                   | South Sandy Creek   | O.45     | 30-Mar-04 | SR   | 2003 | WAS-W  | 10   | Ylg   | 17.4  | none   | 28,750     |                              |

***NYSDEC Lake Ontario Annual Report 2004***

***Table 3 (continued). Trout, salmon, and other species, stocked in New York waters of Lake Ontario in 2004.***

| Species       | Location            | GD/KY   | Date Stk     | Htch | YC   | Strain | Mos  | Stage | Wt(g) | Mark   | Number Stk | Comments                            |
|---------------|---------------------|---------|--------------|------|------|--------|------|-------|-------|--------|------------|-------------------------------------|
| Rainbow Trout | Trout Brook         | O.53-5  | 18-May-04    | SR   | 2003 | WAS-W  | 11.5 | Ylg   | 22.7  | none   | 4,500      |                                     |
| Rainbow Trout | Orwell Brook        | O.53-6  | 18-May-04    | SR   | 2003 | WAS-W  | 11.5 | Ylg   | 22.7  | none   | 4,500      |                                     |
| Rainbow Trout | Beaverdam Brook     | O.53-8  | 22-29-Apr-04 | SR   | 2003 | WAS-W  | 11   | Ylg   | 40.4  | LV-Ad  | 61,590     | stocked as clipped, starting 20-Apr |
| Rainbow Trout | Beaverdam Brook     | O.53-8  | 30-05-May-04 | SR   | 2003 | WAS-W  | 11   | Ylg   | 59.2  | LV-Ad  | 30,000     | stocked as clipped, starting 30-Apr |
| Rainbow Trout | Salmon River        | O.53    | 14-May-04    | SR   | 2003 | WAS-W  | 11.5 | Ylg   | 30.2  | LV-Ad  | 34,000     | stocked in estuary                  |
| Rainbow Trout | Grindstone Creek    | O.54    | 08-Apr-04    | SR   | 2003 | WAS-W  | 10.5 | Ylg   | 18.1  | none   | 5,000      |                                     |
| Rainbow Trout | Oswego River        | O.66    | 24-May-04    | SR   | 2003 | WAS-W  | 12   | Ylg   | 26.5  | none   | 19,650     | Pen Reared (30-Apr, 18.9 g)         |
| Rainbow Trout | Sterling Creek      | O.73    | 31-Mar-04    | SR   | 2003 | WAS-W  | 10   | Ylg   | 17.4  | none   | 9,000      |                                     |
| Rainbow Trout | Sterling Valley Ck  | O.73-3  | 31-Mar-04    | SR   | 2003 | WAS-W  | 10   | Ylg   | 17.4  | none   | 9,000      |                                     |
| Rainbow Trout | Maxwell Creek       | O.85    | 21-Apr-04    | SR   | 2003 | WAS-W  | 10.5 | Ylg   | 18.1  | none   | 19,950     |                                     |
| Rainbow Trout | Irondequoit Creek   | O.108   | 29-Mar-04    | PMP  | 2003 | WAS-W  | 10   | Ylg   | 25.9  | none   | 8,900      | PMP release pond                    |
| Rainbow Trout | Irondequoit Creek   | O.108   | 05-May-04    | SR   | 2003 | WAS-W  | 11   | Ylg   | 18.9  | none   | 20,000     |                                     |
| Rainbow Trout | Genesee River       | O.117   | 22-Apr-04    | SR   | 2003 | WAS-W  | 10.5 | Ylg   | 16.2  | none   | 12,100     |                                     |
| Rainbow Trout | Genesee River       | O.117   | 13-May-04    | SR   | 2003 | WAS-W  | 12   | Ylg   | 18.9  | none   | 9,936      | Pen Reared (22-Apr, 18.1 g)         |
| Rainbow Trout | Salmon Creek        | O.125   | 29-Apr-04    | SR   | 2003 | WAS-W  | 11   | Ylg   | 18.9  | none   | 5,050      |                                     |
| Rainbow Trout | Sandy Creek         | O.130   | 29-Apr-04    | SR   | 2003 | WAS-W  | 11   | Ylg   | 18.9  | none   | 14,650     |                                     |
| Rainbow Trout | Oak Orchard Creek   | O.138   | 05-May-04    | SR   | 2003 | WAS-W  | 11   | Ylg   | 18.9  | none   | 7,000      |                                     |
| Rainbow Trout | Oak Orchard Creek   | O.138   | 11-May-04    | SR   | 2003 | WAS-W  | 12   | Ylg   | 37.8  | none   | 13,838     | Pen Reared (20-Apr, 17.4 g)         |
| Rainbow Trout | Marsh Creek         | O.138-1 | 05-May-04    | SR   | 2003 | WAS-W  | 11   | Ylg   | 18.9  | none   | 7,100      |                                     |
| Rainbow Trout | Johnson Creek       | O.139   | 05-May-04    | SR   | 2003 | WAS-W  | 11   | Ylg   | 18.9  | none   | 6,700      |                                     |
| Rainbow Trout | Keg Creek           | O.146   | 27-Apr-04    | SR   | 2003 | WAS-W  | 11   | Ylg   | 18.1  | none   | 3,000      |                                     |
| Rainbow Trout | Eighteen Mile Creek | O.148   | 27-Apr-04    | SR   | 2003 | WAS-W  | 11   | Ylg   | 18.1  | none   | 7,000      |                                     |
| Rainbow Trout | E Br Twelvemile Ck  | O.152   | 28-Apr-04    | SR   | 2003 | WAS-W  | 11   | Ylg   | 18.1  | none   | 15,000     |                                     |
| Rainbow Trout | Twelvemile Creek    | O.152A  | 28-Apr-04    | SR   | 2003 | WAS-W  | 11   | Ylg   | 18.1  | none   | 15,000     |                                     |
| Rainbow Trout | lower Niagara River | O.158   | 27-Apr-04    | SR   | 2003 | WAS-W  | 11   | Ylg   | 18.1  | none   | 28,200     |                                     |
| Rainbow Trout | lower Niagara River | O.158   | 27-Apr-04    | SR   | 2003 | WAS-W  | 11   | Ylg   | 18.1  | Ad-CWT | 7,500      | controls, CWT 231613                |
| Rainbow Trout | lower Niagara River | O.158   | 03-Jun-04    | SR   | 2003 | WAS-W  | 12   | Ylg   | 31.3  | Ad-CWT | 7,707      | Pen Reared (28-Apr), CWT 231614     |
| Rainbow Trout | Beaverdam Brook     | O.53-8  | 19-Apr-04    | SR   | 2003 | SKA-W  | 11   | Ylg   | 30.2  | LP-Ad  | 45,470     | stocked as clipped, starting 09-Apr |
| Rainbow Trout | Little Salmon River | O.58    | 04-May-04    | SR   | 2003 | SKA-W  | 11.5 | Ylg   | 40.5  | LP-Ad  | 4,995      | Pen Reared (12-Apr, 32.4 g)         |
| Rainbow Trout | Sodus               | 819     | 28-May-04    | VH   | 2003 | RA-D   | 17.5 | Ylg   | 129.6 | none   | 6,800      |                                     |
| Rainbow Trout | Sodus               | 819     | 08-Jun-04    | VH   | 2003 | RA-D   | 18   | Ylg   | 141.7 | none   | 6,270      |                                     |

***NYSDEC Lake Ontario Annual Report 2004***

***Table 3 (continued). Trout, salmon, and other species, stocked in New York waters of Lake Ontario in 2004.***

| Species                                   | Location            | GD/KY   | Date Stk  | Htch | YC   | Strain | Mos  | Stage | Wt(g) | Mark | Number Stk | Comments   |
|---|---------------------|---------|-----------|------|------|--------|------|-------|-------|------|------------|--|
| Rainbow Trout                             | Pultneyville        | 818     | 10-Jun-04 | VH   | 2003 | RA-D   | 18   | Ylg   | 162.0 | none | 3,500      | diverted from Webster  |
| Rainbow Trout                             | Webster             | 818     | 07-Jun-04 | VH   | 2003 | RA-D   | 17.5 | Ylg   | 126.0 | none | 6,100      |  |
| Rainbow Trout                             | Hamlin              | 713     | 03-Jun-04 | CS   | 2003 | RA-D   | 17.5 | Ylg   | 150.2 | none | 11,590     |  |
| Rainbow Trout                             | Hamlin              | 713     | 15-Jun-04 | VH   | 2003 | RA-D   | 18   | Ylg   | 146.3 | none | 5,500      |  |
| Rainbow Trout                             | Olcott              | 708     | 01-Jun-04 | CS   | 2003 | RA-D   | 17.5 | Ylg   | 142.2 | none | 12,000     |  |
| Rainbow Trout                             | Wilson              | 707     | 02-Jun-04 | CS   | 2003 | RA-D   | 17.5 | Ylg   | 133.8 | none | 12,000     |  |
| Rainbow Trout Total                       |                     |         |           |      |      |        |      |       | 37.7  |      | 621,546    |  |
| Washington Steelhead Yearlings            |                     |         |           |      |      |        |      |       | 25.4  |      | 507,321    |  |
| Skamania Steelhead Yearlings              |                     |         |           |      |      |        |      |       | 31.3  |      | 50,465     |  |
| Rainbow Trout Yearlings (Randolph strain) |                     |         |           |      |      |        |      |       | 140.6 |      | 63,760     |  |
| Walleye                                   | North Sandy Pond    | O-P1041 | 23-Jun-04 | CQ   | 2004 | ONL-W  | 1.5  | PF    | 0.39  | none | 28,800     | boat stocked   |
| Walleye                                   | North Sandy Pond    | O-P1041 | 13-Aug-04 | ON   | 2004 | ONL-W  | 1.5  | AF    | 7.68  | none | 30,000     | boat stocked   |
| Walleye                                   | lower Niagara River | O.158   | 22-Jun-04 | CQ   | 2004 | ONL-W  | 1.5  | PF    | 0.61  | none | 12,000     |  |
| Walleye Fingerling Total                  |                     |         |           |      |      |        |      |       | 3.52  |      | 70,800     |  |
| Lake Sturgeon                             | Genesee River       | O.117   | 20-Sep-04 | ON   | 2004 | SLR-W  | 3    | FF    | 39.5  | SCU  | 1,000      | 4 <sup>th</sup> & 5 <sup>th</sup> right lateral scutes removed |
| Total All Species                         |                     |         |           |      |      |        |      |       |       |      | 3,690,632  |  |