



Aquatic Invasives in New York

Who Foots the Bill?

Steven Jay Sanford

Director

Office of Invasive Species Coordination

NYSDEC

Overview

State

EPF
General Fund
License Fees
Aid-to-Localities
Capital

NGOs, Industry

TNC, DU, Landowners

Federal

Earmarks
Wallop-Breaux
Pittman- Robertson
USACOE

Local

Government
Match
Tax Districts

Sea Lamprey Control



- Great Lakes
- Lake Champlain
- Finger Lakes

Great Lakes



Sea Lamprey Control Great Lakes

Chemical Control

- Federal \$\$\$
- Great Lakes Fisheries Commission
- USFWS through US State Department

A blurry photograph of a swan swimming in a lake. The swan is the central focus, with its head and neck curved upwards. The water is a deep blue, and the background is out of focus. The text "Lake Champlain" is overlaid at the bottom in white.

Lake Champlain

Sea Lamprey Control Lake Champlain

Chemical Control

- Federal \$\$\$ (VT Senator Leahy)
- Great Lakes Fisheries Commission
- Wallop-Breaux (NYSDEC)
- NYS Conservation Fund (license fees)

Barrier Dams

- State - Rehabilitation & Improvement

Finger Lakes



Sea Lamprey Control Finger Lakes

Chemical control

- Wallop-Breaux (NYSDEC)
- NYS Conservation Fund (license fees)

Barrier dams

- State - Rehabilitation & Improvement

**Statewide:
NYISC & NYSISAC**

**Laws of New York, 2007
Chapter 674**

ECL Article 9, Title 17

New Funding

IS Task Force recommendations
~ and new statutory requirements ~
are being implemented with
funding from EPF...

4 staff from NYS General Fund

EPF

Environmental Protection Fund
~ real estate transfer tax

\$ 5 M in SFY 2007-08

Partnerships for Regional Invasive Species Management 2008



PRISMs

Core Functions

Coordination (among partners)

Volunteers (recruit & train)

Education (identify & meet needs)

Early Detection (monitoring network)

Rapid Response (pilots)

Eradication (implement projects)

Research (citizen science)

Planning (integrate existing plans)

COUNCIL
State Agencies led by DEC & DAM
(DOT, OPRHP, SED, DOS, Thruway, Canals, APA)



ADVISORY COMMITTEE
NGOs, academia, trade groups, etc



**RESEARCH
INSTITUTE**



PRISMs
(REGIONAL PARTNERSHIPS)
NGOs
State agency reps (local)
Local government
Volunteers



**INFORMATION
CLEARINGHOUSE**



**EDUCATION
& OUTREACH**



**RESPONSE
TEAMS**



**LOCATIONAL
DATABASE**



Eradication Grants

Eradication Grants

Eradication only

- Environmental Protection Fund
- Municipalities, NFPs, agencies
- 34 awarded in 2006
- 34 awarded in 2007



Biocontrol Research

Biocontrol Research

Federal Highway Administration \$\$\$
(State Planning and Research)

NYS Environmental Protection Fund

- ~ NYS Invasive Species Council
- ~ Invasive Species Research Institute

Invasive Species Management Finger Lakes

FL-LOWPA

Finger Lakes-Lake Ontario
Watershed Protection Alliance

25 counties

\$2.3 M Environmental Protection Fund
Grants

Biocontrol of EWM



Water Chestnut Harvesting

Water Chestnut Harvesting

- Lake Champlain Basin Program
- Vermont
- New York
- USACOE
- USFWS
- Ducks Unlimited

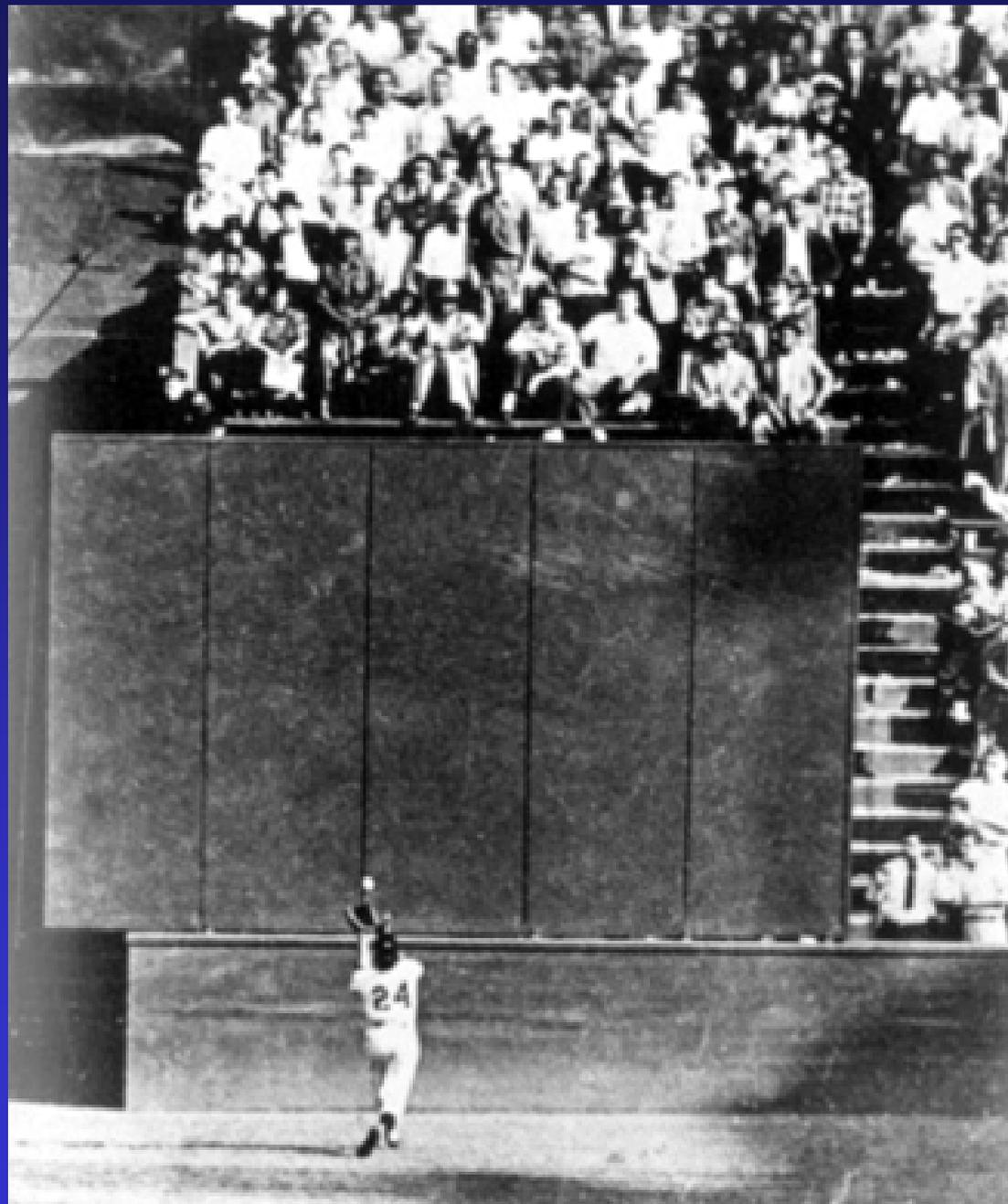
- TOTAL ~ \$ 500 K per year

WRDA

Water Resources Development Act

- *SEC.5146. LAKE CHAMPLAIN CANAL STUDY, VERMONT AND NEW YORK.*
 - (a) Dispersal Barrier Project- The Secretary shall determine, at full Federal expense, the feasibility of a dispersal barrier project at the Lake Champlain Canal.*
 - (b) Construction, Maintenance, and Operation- If the Secretary determines that the project described in subsection (a) is feasible, the Secretary shall construct, maintain, and operate a dispersal barrier at the Lake Champlain Canal at full Federal expense.*
- Note that funding is authorized in WRDA for full support of the canal ANS prevention but there is no funding appropriation.

On
the
fly...





**Zebra~Quagga
Round Goby
E- Botulism**

Mitten Crab



SAY NO TO DIDYMO!

CHECK

CLEAN

DRY



BIOSECURITY
STOP DIDYMO

www.didyomo.govt.nz

0800 83 33 33

NEW ZEALAND. IT'S OUR PLACE TO PROTECT.

Brook Trout Reclamation



Student Conservation Association



Drop Boxes

- Wallop-Breaux
- Capital
- Rehabilitation & Improvement



ATTENTION BOATERS

Stop the Spread of Invasive
Plants and Animals

Before launching your boat or leaving this site please
use this Nuisance Invasive Species Disposal Station to:

Dispose of any plants or animals that are clinging to your boat,
trailer, motor and other fishing or boating equipment

Dump your bait bucket

Please also remember to drain your boat before leaving



**STOP AQUATIC
HITCHHIKERS!**

www.ProtectYourWaters.net

VHS Surveillance 2007



VHS Prevention

- APHIS grant
(\$50 K FY 07-08)
- Conservation Fund
- USFWS analyses free



- Collaborative Partnership
- All-taxa
- Geographic Information System (GIS)
- On-line
- View Data
- Data-entry (with password)
- Available to other states (2009)

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Questions?

