



# Inspiring People to Stop Water Pollution through Community Science

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Mohawk Watershed Symposium  
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# Inspiring Through Citizen Science

- Our Water Quality Monitoring Program
- Grassroots Inspiration





74 Sample sites  
155 miles  
since 2008

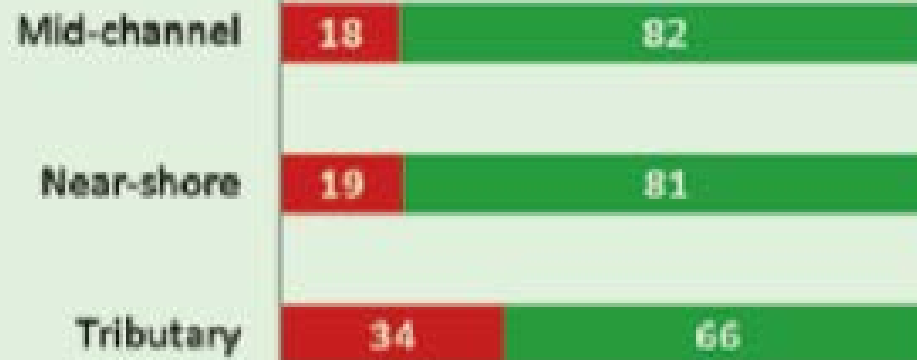


**Dr. Gregory O'Mullan**



**Dr. Andrew Juhl**

## TYPE OF SAMPLING SITE



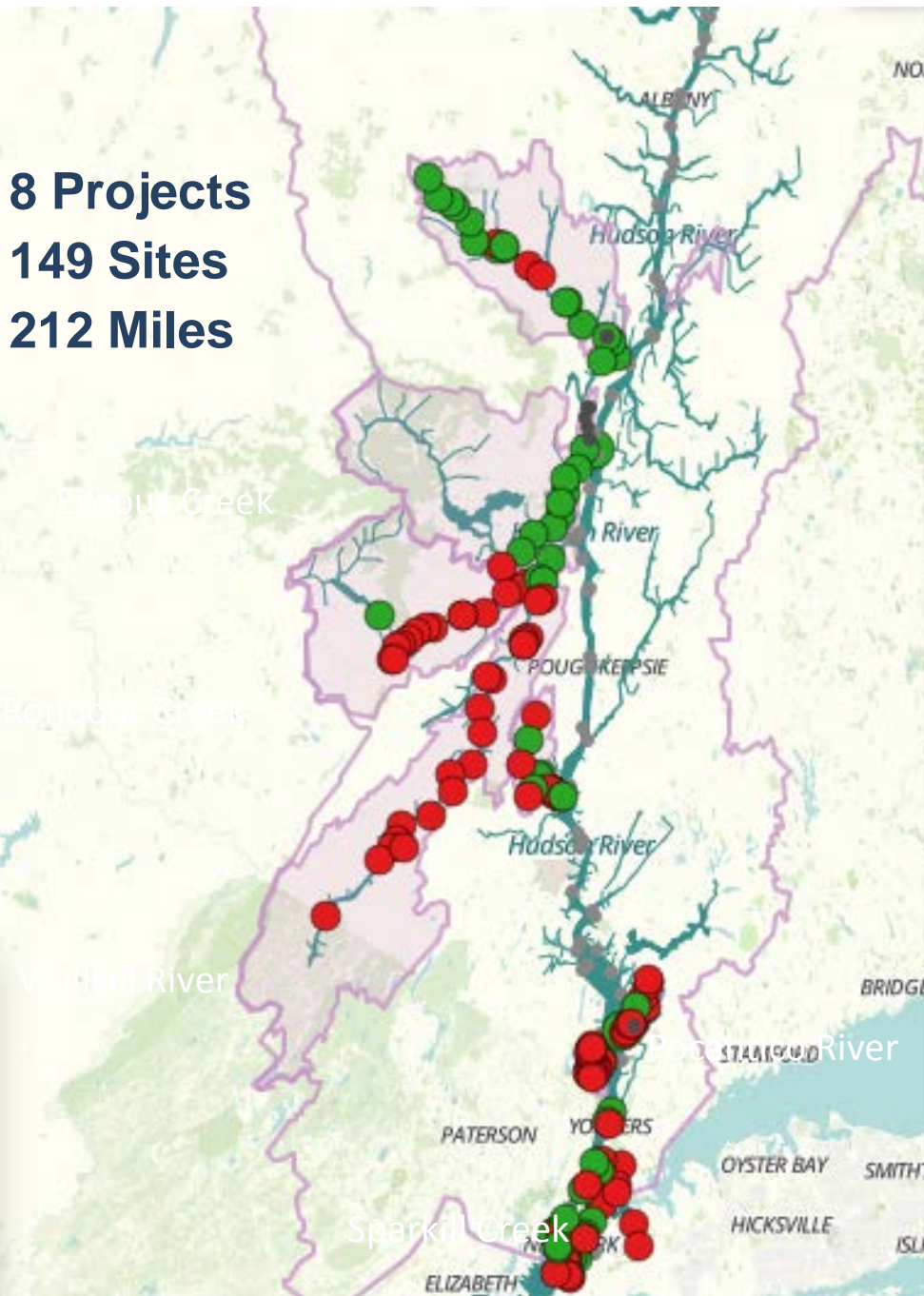
■ % Beach Advisory ■ % Acceptable

# Community Partners

- Catskill Creek Watershed Awareness Project
- Gardiner Environmental Conservation Commission
- Montgomery Conservation Advisory Council
- New York City Water Trail Association
- Quassaick Creek Watershed Alliance
- Rochester Environmental Conservation Commission
- Rosendale Commission for Conservation of the Environment
- Sparkill Creek Watershed Alliance
- Wawarsing Environmental Conservation Commission

# Citizen Studies

**8 Projects**  
**149 Sites**  
**212 Miles**



## **Catskill Creek**

19 sites on 45 miles

## **Esopus Creek**

10 sites on 25 miles

## **Rondout Creek**

17 sites on 43 miles

## **Walkkill River**

21 sites on 64 miles

## **Pocantico River**

13 sites on 10 miles

## **Sparkill Creek**

16 sites on 8 miles

## **Quassaick Creek**

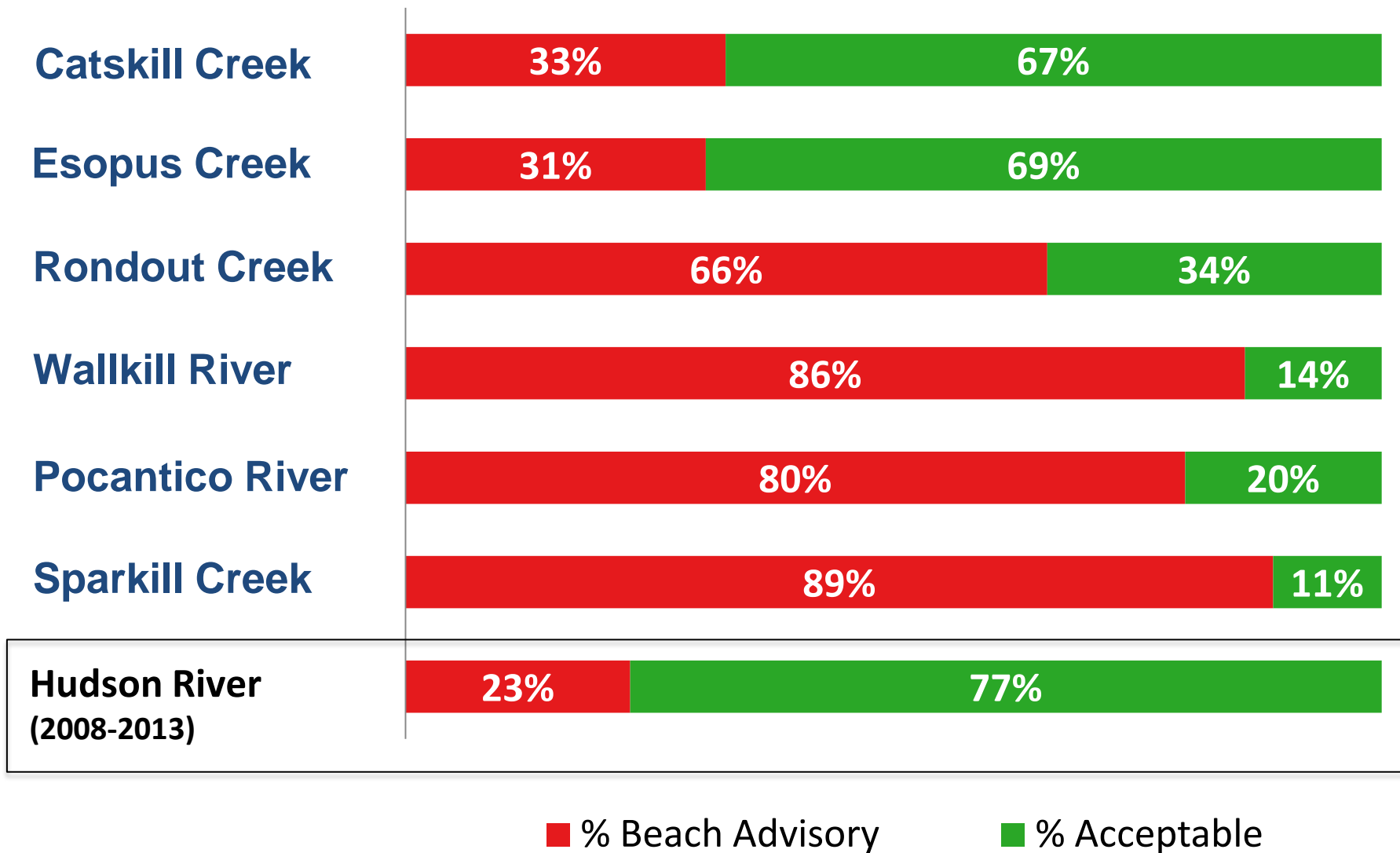
14 sites on 17 miles

## **NYC Waterfront**

39 sites in NYC, NJ & Yonkers

# Citizen Non-Tidal Tributary Sampling Sites

% Samples Failing EPA-Recommended Beach Advisory Value (2012-2013)





# Pollution Enforcement

## East River

Illegal sewage  
discharge stopped in  
Halletts Cove

## Catskill Creek

Prosecution of polluter  
for illegal sewage  
discharge



# Infrastructure Investment

## Sparkill Creek

\$104,000 repairs to  
50-year-old pump  
station

## Catskill Creek

Extension of sewer  
line to hamlet of  
Leeds



# Public Notification

## Walkkill River

Signage at river and  
New Paltz village hall

## New York City

Waterkeeper Alliance  
Swim Guide



# New & Renewed Watershed Protection Efforts

Sparkill Creek  
Watershed Alliance

Future of the Wallkill

Save the Rondout

Pocantico River  
roundtable



# Pollution Discharge Permitting

## Sparkill Creek

Required signage posted; inspections

## Walkkill River

Inspection

More to come...  
we hope



# Inspiring New Sampling Projects

Save the Sound

Charleston  
Waterkeeper

Peconic Baykeeper

EPA in Washington,  
D.C.

Waterkeepers Nepal



# Financial Support

- Austen-Stokes Ancient Americas Foundation
- Chris and Suzanne Augustin
- Dale and Laura Kutnick
- Dextra Baldwin McGonagle Foundation
- Double R Foundation
- Eppley Foundation for Research
- HSBC Water Programme
- Hudson River Foundation for Science and Environmental Research
- John McLaughlin
- Michele Hertz and Larry Friedman
- The Nancy and Edwin Marks Family Foundation
- New England Interstate Water Pollution Control Commission (NEIWPCC)
- S. Mackintosh Pulsifer
- Mike Richter
- Sun Hill Foundation
- Wallace Research Foundation
- **Riverkeeper members**

# Sign Our Petition!

Annual gap in wastewater spending

**\$800 million**

20-year need for wastewater infrastructure

**\$45 billion**

Ask your representatives to include money dedicated to wastewater infrastructure in this year's state budget.



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