

A GATHERING STORM

*New York's
Wastewater
Infrastructure
In Crisis*

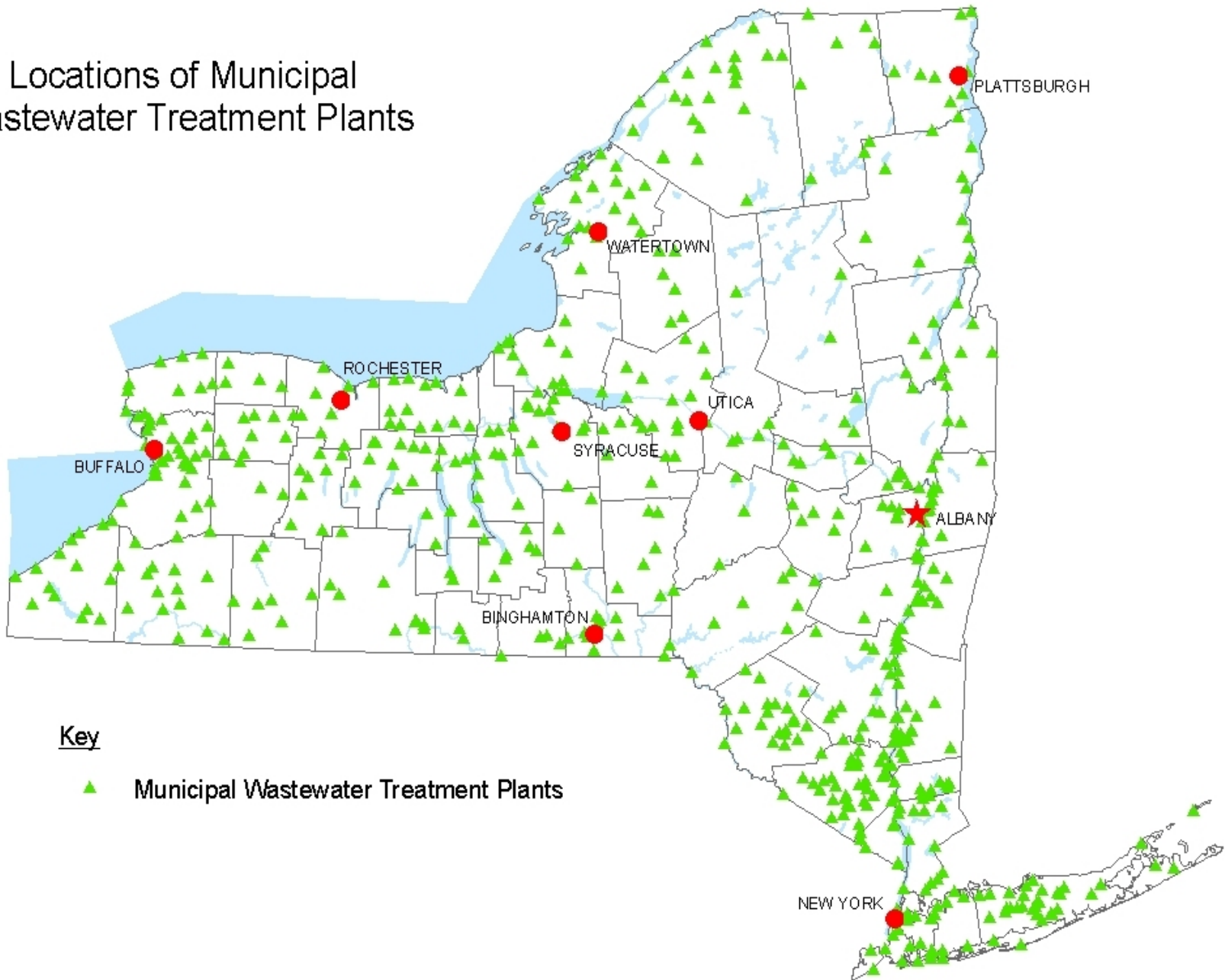


Wastewater Infrastructure New York Snapshot

- *610 Publicly-owned treatment works*
- *375 Satellite collection systems*
- *22,000 miles of collection pipe*
- *3,000 pump stations*
- *1,098 combined sewer overflow points*
- *POTWs service 15 million citizens*



Locations of Municipal Wastewater Treatment Plants



Key

▲ Municipal Wastewater Treatment Plants

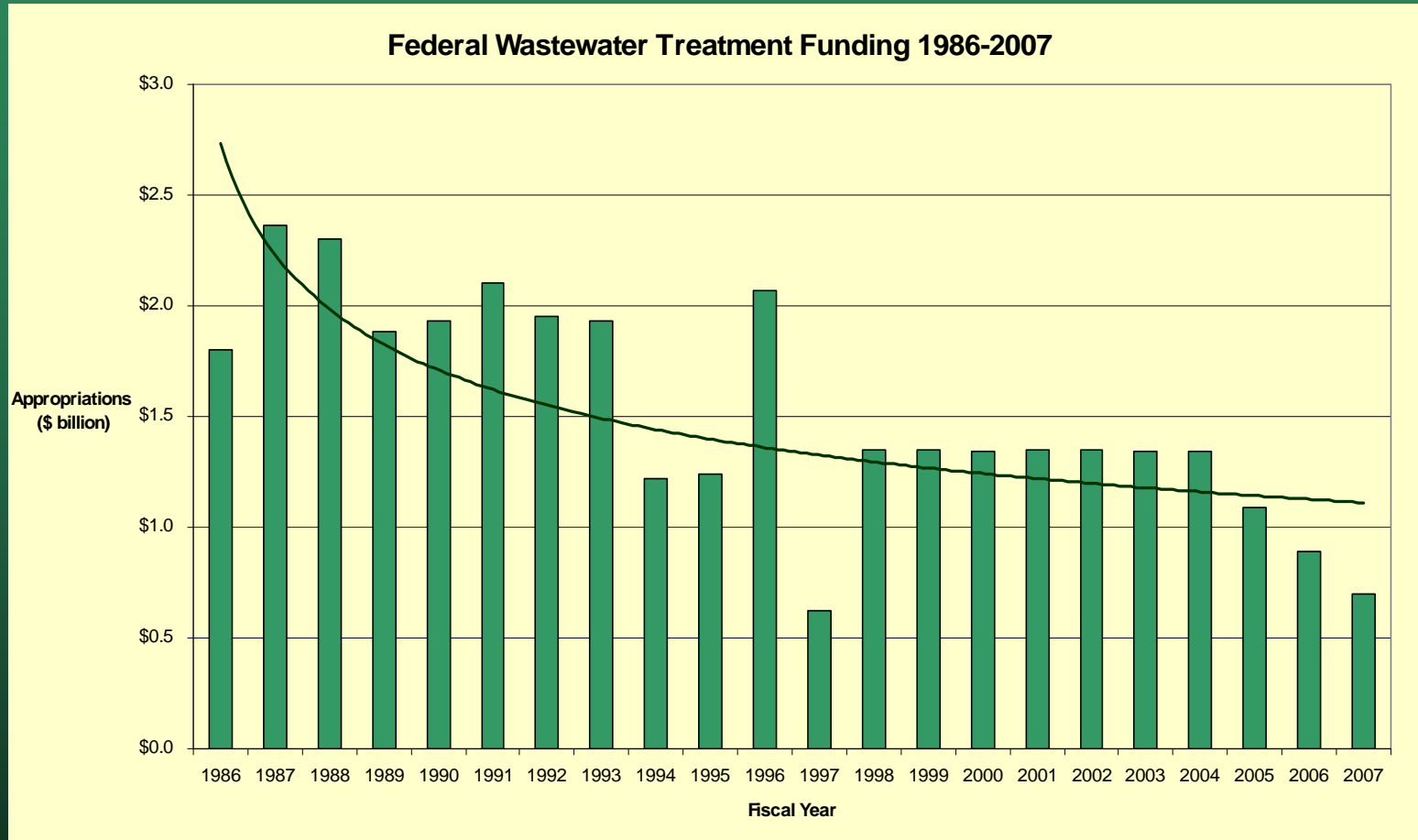


History of Water Finance

- **1st Generation - State and Federal Grants Programs**
 - **State Bond Acts**
 - **Construction Grants Program (CWA)**
- **2nd Generation – State Revolving Fund**
 - **Federal Block Grant**
 - **Clean Water / Clean Air Bond Act -
Environmental Protection Fund**



SRF Funding History



1987 - \$2.4 Billion

2008 – \$687 Million



The Gathering Storm

- *Aging Infrastructure No Longer Working*
- *Needed Water Quality Requirements*
- *New Stormwater Requirements*
- *Combined Sewer Overflow Requirements*
- *Sanitary Sewer Overflows Prohibited*



The Crisis

- *Water Quality Declining*
- *Wastewater Infrastructure Essential for New York State's Economy*
- *Federal Funding Cut by 70%*



Report to the Legislature

- ***Statewide 20 year need = \$36.2 billion***
 - ***\$22 Billion – USEPA Clean Watershed Needs Survey***
 - ***\$14.2 Billion – Unreported known projects, New TMDLs, MS4 retrofits, Enhanced standards, Water shortages***
- ***Need for a new sustainable infrastructure program***



Next Generation

New Sources plus Program Improvements

- *Restored CWSRF Loan Program*
- *Federal Grants (hardship, CSOs, green)*
- *State Grants (asset management, energy efficiency and water conservation)*
- *Fair Cost Pricing*
- *Public/Private Partnerships*



Program Improvements

- *Asset Management*
- *Water Conservation Practices*
- *Energy Efficiencies*
- *Green Infrastructure*
- *Updated Technology*
- *Local Government Efficiency*
- *Relationship to Smart Growth and Economic Development*



Present Efforts

- *Economic Stimulus - \$6.5B = \$715M for NYS (58 projects)*
- *Improvements to NYS's CWSRF Program*
 - *Smart Growth*
 - *Energy Efficiency*
- *Push Congress to Restore CWSRF for 2009 to \$1.35 billion*
- *Create a coalition of public agencies, advocates, business and labor interests to raise public awareness*



CLEAN WATER COLLABORATIVE

Robert Kennedy, Waterkeeper Alliance, Co-Chair
Ross Pepe, Construction Industry Council, Co-Chair

- NYS Department of Environmental Conservation
- NYS Environmental Facilities Corporation
- NYS Senate and Assembly Environmental Committees
- NYS Association of Counties
- NYS Conference of Mayors
- NYS Association of Towns
- NYC Office of the Mayor
- NYC Department of Environmental Protection
- New York Water Environment Association
- Onondaga County Executive
- Audubon New York
- Hudson Riverkeeper
- Environmental Advocates of New York
- Citizens' Campaign for the Environment
- Surfrider Foundation
- Natural Resources Defense Council
- Niagara Improvement Association
- WE ACT for Environmental Justice
- North Shore Waterfront Conservancy of Staten Island
- Business Council of NYS
- NYS Conference of Operating Engineers



New York State's Sustainable Water Infrastructure Program

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The Clean and Safe Water Infrastructure Funding Initiative's (CSWIFI) report to the legislature "Wastewater Infrastructure Needs of New York State" is available at:

<http://www.dec.ny.gov/chemical/42383.html>

