



Department of  
Environmental  
Conservation

Conserving • Improving • Protecting

**DEC CAPITAL BUDGET HEARING**

Getting people  
outdoors,  
protecting  
nature...



# Capital Programs Include:

Water Infrastructure  
Improvement Act

Clean Water  
Infrastructure Act

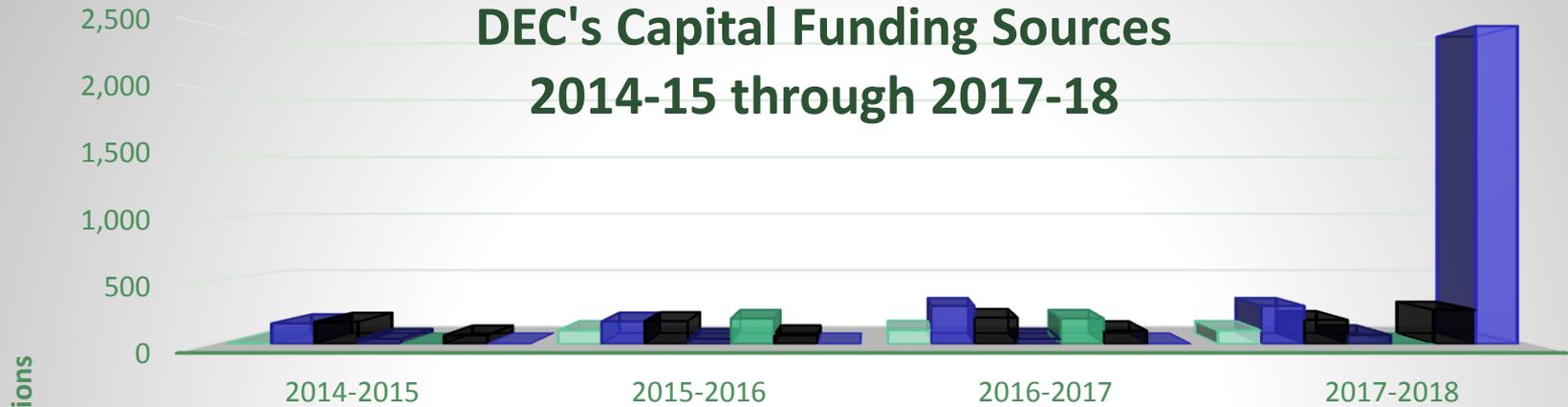
Hazardous Waste  
Remedial Fund  
(State Superfund)

Environmental  
Protection Fund

NY Works



# DEC's Capital Funding Sources 2014-15 through 2017-18



	2014-2015	2015-2016	2016-2017	2017-2018
Hazardous Waste Remedial Fund	6,000,000	106,000,000	108,000,000	106,000,000
Environmental Protection Fund	162,000,000	177,000,000	300,000,000	300,000,000
Federal, primarily SRF	175,000,000	180,000,000	207,000,000	190,000,000
New York Works	40,000,000	40,000,000	40,000,000	70,000,000
Water Infrastructure Implementation Act *	0	200,000,000	200,000,000	0
Other	68,400,000	68,900,000	103,600,000	268,400,000
Clean Water Infrastructure Act **	0	0	0	2,500,000,000
<b>Total</b>	<b>451,400,000</b>	<b>771,900,000</b>	<b>958,600,000</b>	<b>3,434,400,000</b>

\* 3 year program originally funded at \$200 M and doubled to \$400 M; funding to be extended

\*\* over 5 years



# Water Infrastructure

# Wastewater Infrastructure Needs

A 2008 report showed a need of \$36 B over 20 years for wastewater infrastructure



## Clean Water Infrastructure Act Funding - 5 Years

\$2.5 B

PROJECT	2017
Water Infrastructure Improvement Act	\$1 B
Inter-municipal Water Infrastructure Grant	\$150 M
Water Quality Improvement Projects	\$245 M
Green Infrastructure	\$50 M
Land Acquisition	\$110 M
State Superfund, and Solid Waste Mitigation and Drinking Water Response	\$130 M
Lead Drinking Water Line Replacement	\$20 M
NYC Watershed	\$200 M
Septic and Cesspool Replacement	\$75 M
Water Infrastructure Emergency Loan Fund	\$10 M
Municipal Water Quality Infrastructure Programs	\$100 M
IT Systems Upgrades	\$10 M



# State Superfund



# Program Purpose

Identify and characterize  
suspected sites

Address sites that pose a  
significant threat to  
public health or the  
environment

Across the State,  
thousands of  
contaminated sites  
have been cleaned up

**Love Canal:** One of the  
first and largest  
contaminated site  
cleanups in U.S. history

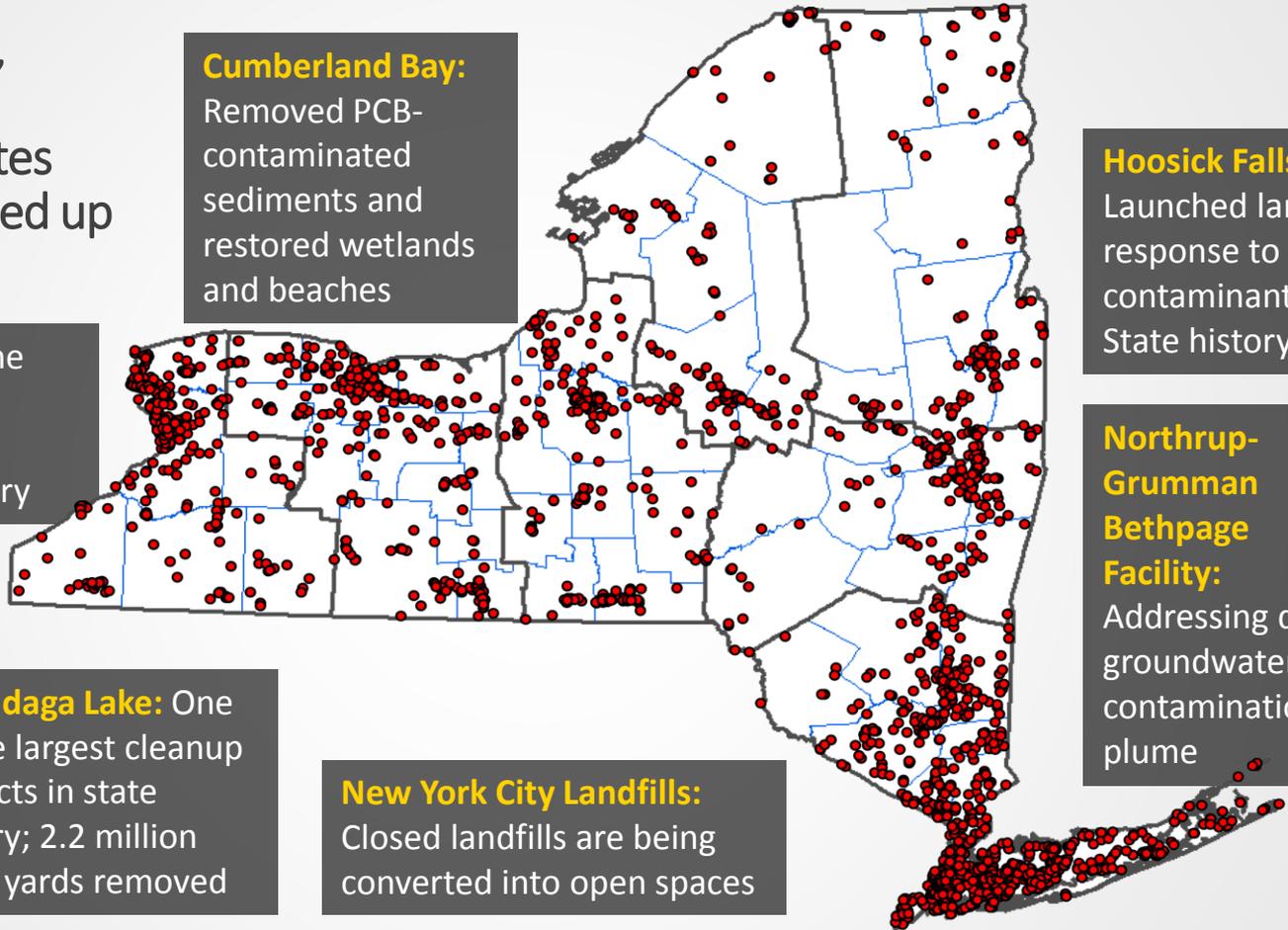
**Cumberland Bay:**  
Removed PCB-  
contaminated  
sediments and  
restored wetlands  
and beaches

**Hoosick Falls:**  
Launched largest  
response to a  
contaminant in  
State history

**Northrup-  
Grumman  
Bethpage  
Facility:**  
Addressing deep  
groundwater  
contamination  
plume

**Onondaga Lake:** One  
of the largest cleanup  
projects in state  
history; 2.2 million  
cubic yards removed

**New York City Landfills:**  
Closed landfills are being  
converted into open spaces



# Superfund Sites

NUMBER OF SITES

Sites identified that required attention

**2,599**

Sites cleaned up or not requiring further action

**1,813**

Sites with cleanup underway

**786**

*Class 2 sites (i.e., significant threat site) requiring thorough investigation and cleanup*

**444**

# Program Financing

Fees and  
General  
Fund

1982-1986

EQ  
Bond  
Act

1986

State  
Superfund  
Refinancing

2003, 2015

2015 reauthorization  
for 10 years at \$1B

Clean Water  
Infrastructure  
Act

2017

CWIA includes up to \$130M for State Superfund, including mitigation and remediation of contaminated drinking water

# Recovered Costs

Over \$350M recovered from responsible parties

Billions spent by responsible parties addressing sites

State has executed about 1,500 consent orders with responsible parties

Federal Superfund Program provides funding for some sites





## Future of the Program

Identifying impact of  
emerging contaminants in  
drinking water

Water Quality Rapid  
Response Team investigates  
and takes corrective action



# Environmental Protection Fund

# Environmental Protection Fund

	2016-2017	2017-2018
Solid Waste	\$34.8 M	\$40.8 M
Parks and Recreation	\$81.5 M	\$86.2 M
Open Space	\$161.6 M	\$154.4 M
Climate Change	\$22 M	\$18.9 M
<b>Total EPF</b>	<b>\$300 M</b>	<b>\$300 M</b>



# NY Works



# NY Works Funding

Adventure NY

Fish Hatcheries

Dams and Flood Control

Coastal Projects

Well Plugging

Facility Improvements

e-Business

Marine

# Total Allocations for NY Works

NYW I: \$101M

NYW II: \$40m

NYW III: \$40m

NYW IV: \$40m

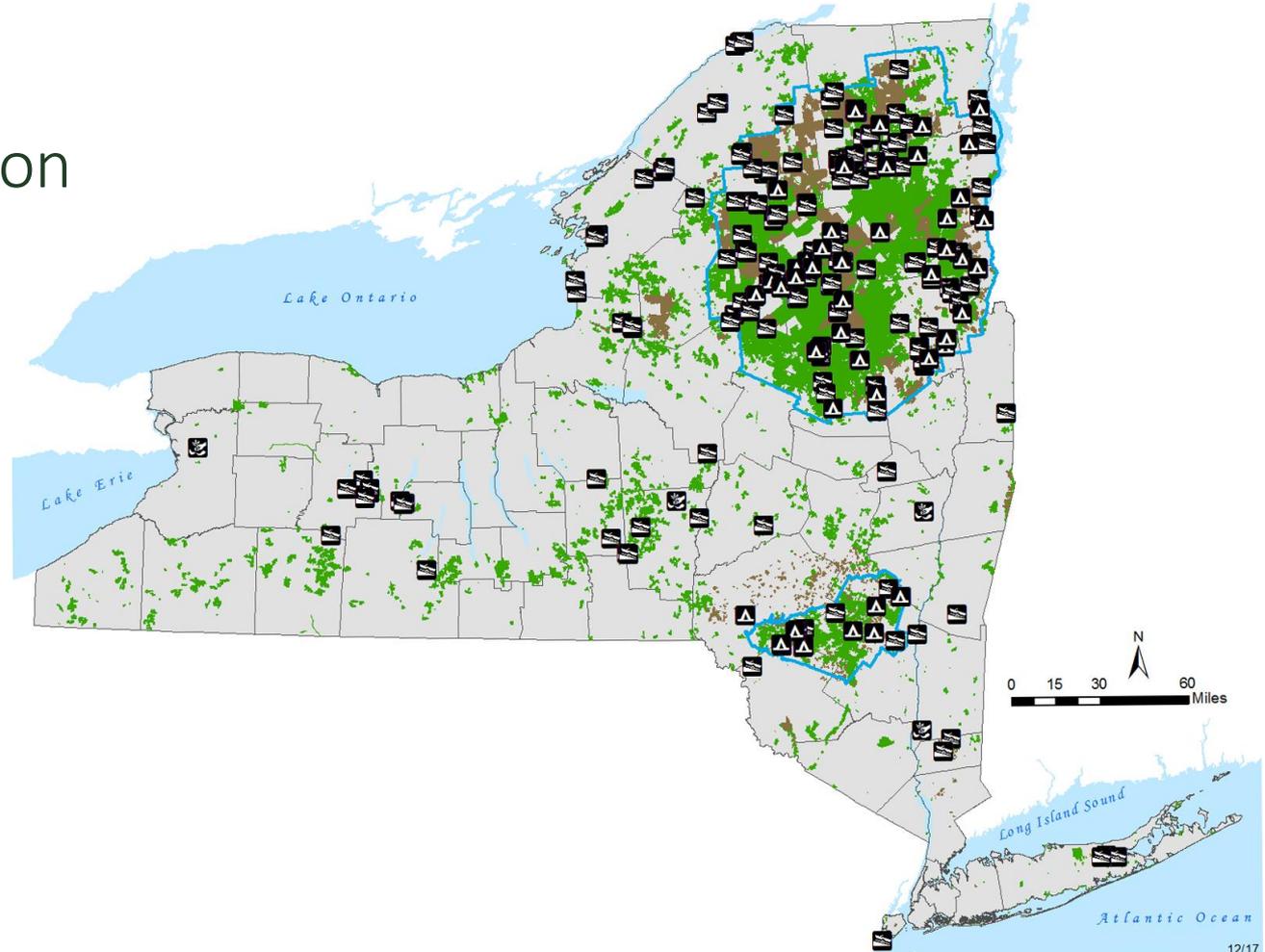
NYW V: \$40m

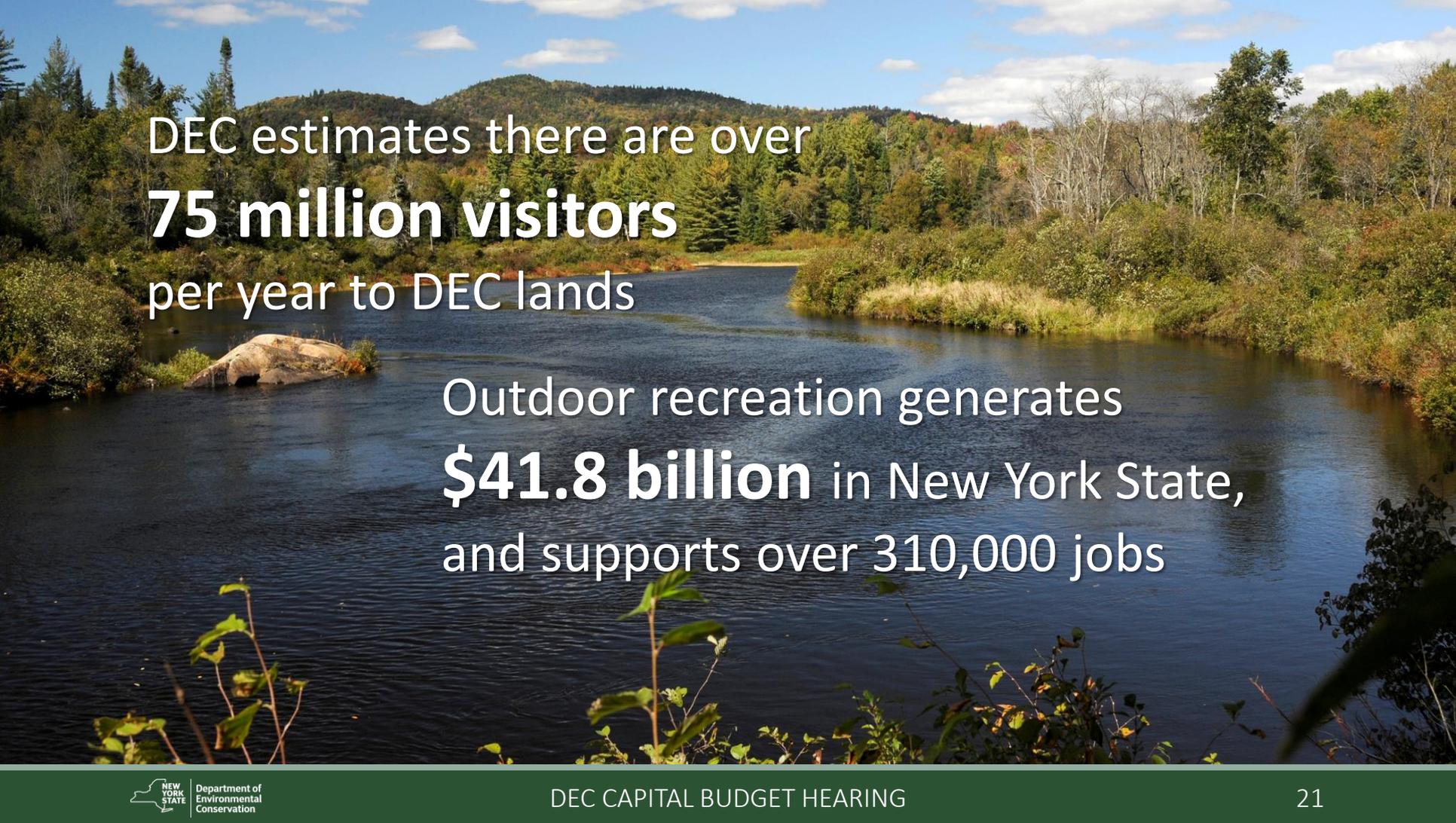
NYW VI: \$70m



DEC manages a total of 4.8 million acres of land throughout New York State

-  Boat Launch
-  Campground
-  Education Center
-  DEC Land
-  Conservation Easement





DEC estimates there are over  
**75 million visitors**  
per year to DEC lands

Outdoor recreation generates  
**\$41.8 billion** in New York State,  
and supports over 310,000 jobs



# Adventure NY

Launched in 2017 budget, a multi-year initiative:

Expand access to healthy, active outdoor recreation

Connect people with nature and the outdoors

Protect New York's natural resources

Boost local economies

# Adventure NY Current Projects

2017 Improvements:

Five Rivers Environmental  
Education Center

Frontier Town

Kenneth L. Wilson  
Campground

Meacham Lake  
Campground

North/South Lake  
Campground

Salmon River Fish  
Hatchery



# Salmon River Fish Hatchery

## 2017 Improvements:

New live fish displays

Revitalized public areas

Signage and  
interpretive displays

Second phase  
scheduled 2018





# Fish Hatchery Needs

13 Hatcheries Statewide

Invest in critically needed infrastructure repairs and upgrades

Install state-of-the-art water recirculation system and predator exclusion structures

Replace outdated alarm systems with modern, web-based systems

Install efficient renewable energy systems

# Adventure NY: FY 2017-2018 Remaining Projects

## New or upgraded boat launches at popular areas:

- Oneida Lake
- Chautauqua Lake/Bemus Point
- Lake Bonaparte
- First public boat launch on Otisco Lake

## Accessible fishing piers and docks

- Nutten Hook
- Chautauqua Lake/Bemus Point

## Wildlife Management Area (WMA) improvements

- Deer Creek Marsh
- High Tor

## Frontier Town

# Dams

DEC manages 625 dams statewide; 215 are identified low, medium or high hazard.

NYW Funding Allocation:  
\$33 M

Before



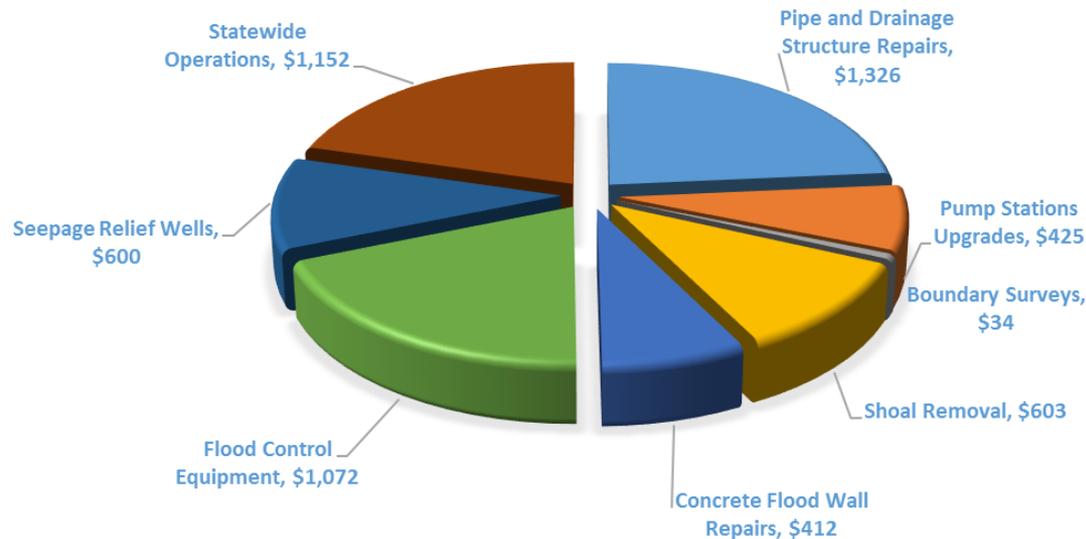
After



# Flood Control

DEC manages flood control structures around the State, protecting thousands of people

## FLOOD CONTROL NEW YORK WORKS 6 (\$1,000)



# Flood Control

## DEC manages:

15 miles of concrete walls

80 miles of levees

145 miles of improved channel

18 pumping stations

41 closure structures

575 drainage structures

Numerous ponding areas

**NYW Funding Allocation: \$70.7 M**



# Coastal Projects

NYW Funding  
Allocation:  
\$20.7 M



# Well Plugging

NYW Funding Allocation:  
\$10 M (900 wells)

Approximately 2,400 wells  
classified as orphan or  
abandoned

Before



After





Department of  
Environmental  
Conservation

# Thank you

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COMMISSIONER BASIL SEGGOS