

# PENNVEST

FINANCING CLEAN WATER PROJECTS FOR PENNSYLVANIA

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# Demand for Water Infrastructure Financing

- Aging Infrastructure
- Regulatory Requirements
- Overuse
- Persistent Under Funding

## Most Recent Federal Needs Survey

DW Infrastructure **\$11B**

(7<sup>th</sup> in the Nation)

WW Infrastructure **\$7.2B**

(10<sup>th</sup> in the Nation)

# What PENNVEST Provides

- Low interest loan and grant funding for Infrastructure Projects
  - Drinking Water – Public/Private
  - Wastewater – Public/Private
  - Storm Water - Public
  - Non – Point Source
    - Acid Mine – Public/Private
    - Brownfield – Public/Private
    - Green Infrastructure – Public/Private
    - Nutrient Trading – Public/Private
    - On-lot systems – Principal Residence

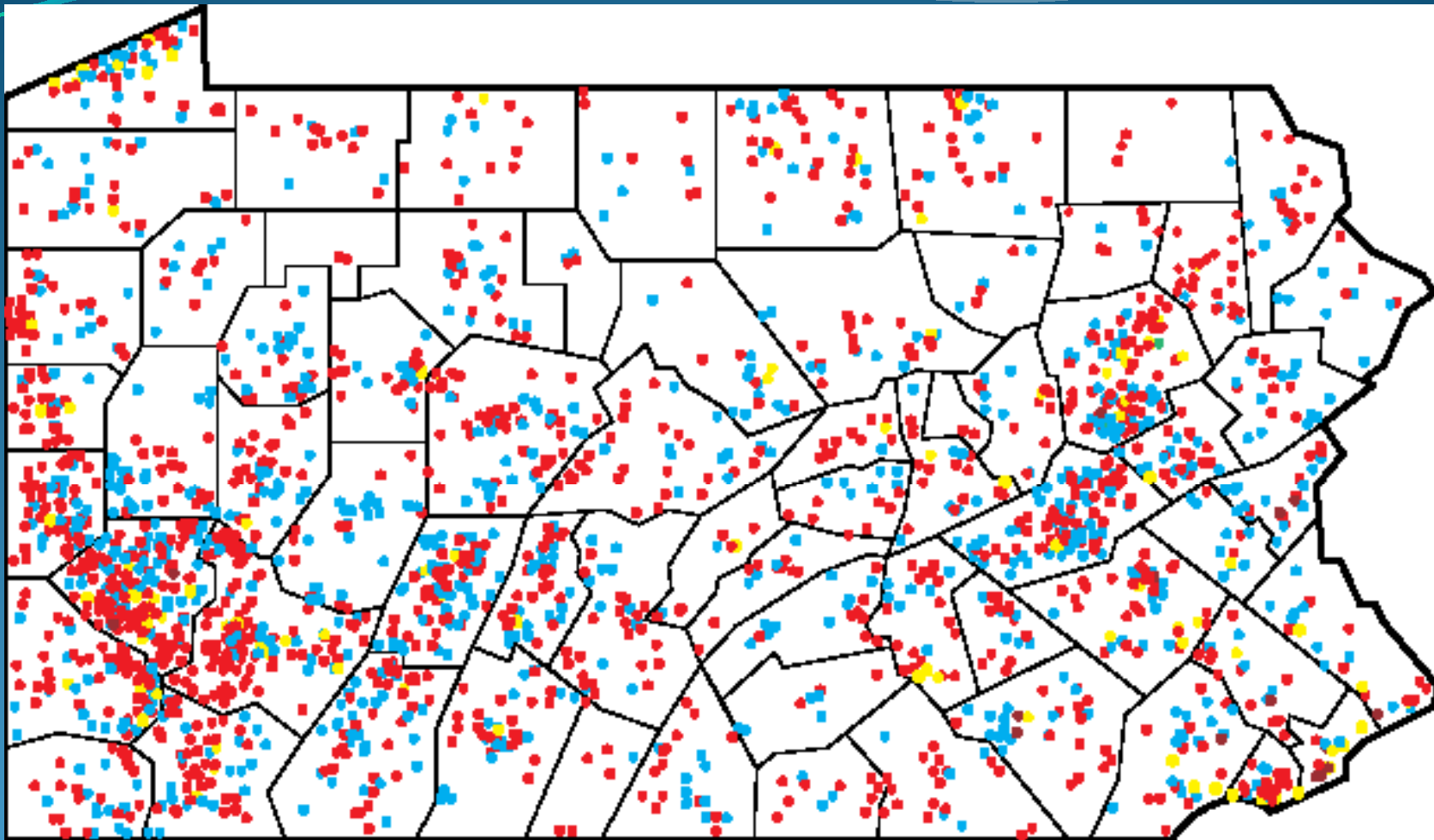
# PENNVEST Activity Since 1988

- Projects Approved:
  - 2,469
    - 918 Water
    - 1,378 Waste Water
    - 14 Brownfield
    - 3 Acid Mine Drainage
    - 112 Storm Water
- Total Funding to Date:
  - \$6.1 Billion

# How Much Money?

**PENNVEST's normal funding – about \$300 Million Annually**

- State General Obligation Bonds
- 2008 Referendum
- PENNVEST Revenue Bonds
- Clean Water State Revolving Fund
- Drinking Water State Revolving Fund
- Loan Repayments/Interest Earnings



● Water Projects    ● Wastewater Projects    ● Brownfields Projects    ● Stormwater Projects

# ARRA Funding

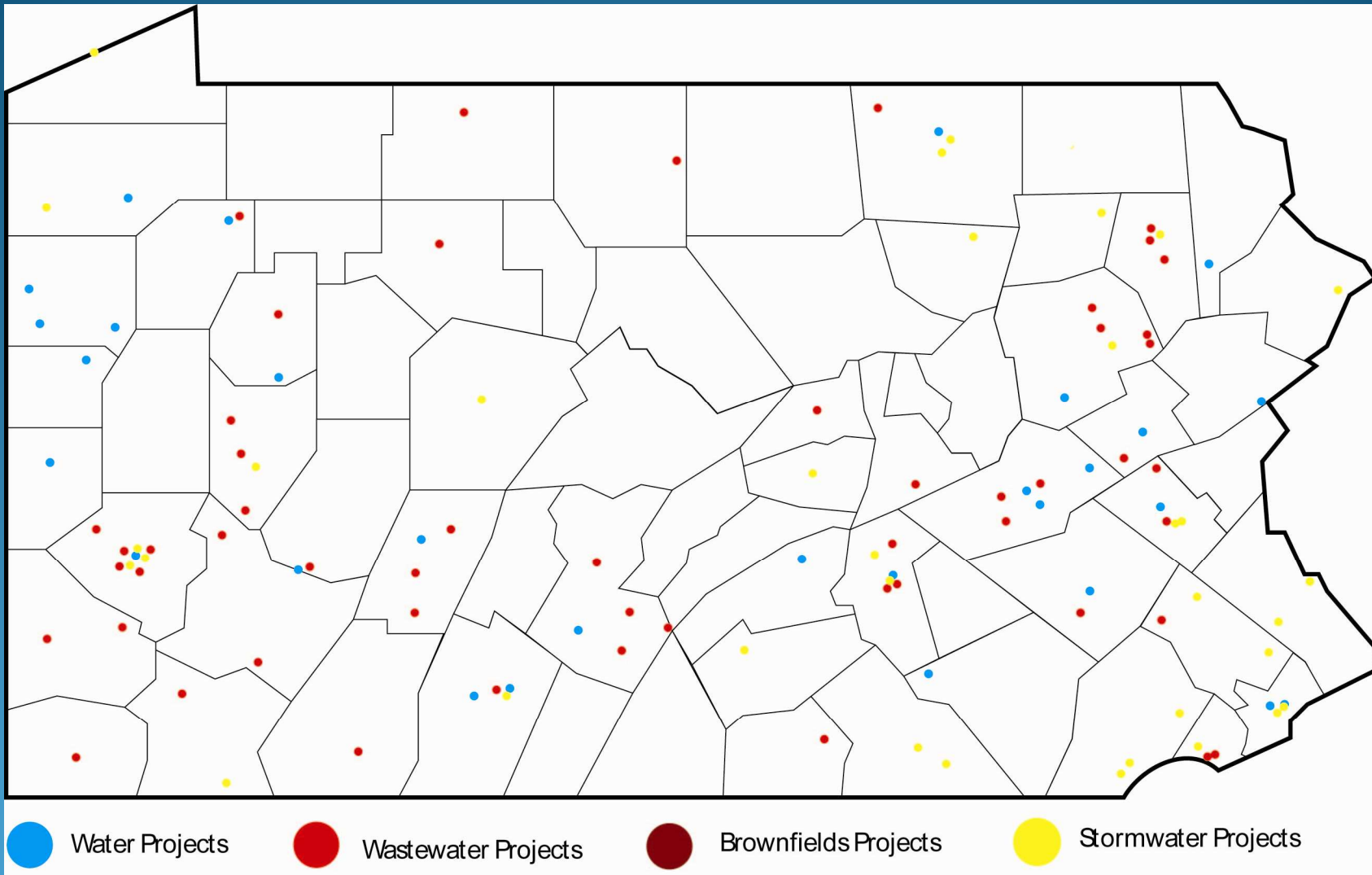
- We received \$221 million for drinking water and wastewater projects, which includes non-point source projects:
  - At least 20% had to be awarded to “Green Infrastructure” projects
  - At least 50% had to be in the form of grants
- All funds had to be committed to projects within one year (2/17/10)
- We met all of these goals.

# ARRA Funding Awards – Totals

- Total approvals:
  - 113 projects
  - \$221 million in ARRA funding
    - Loans: \$28 million
    - Grants: \$193 million
  - \$550 million in total project costs. The difference came from non-ARRA funding sources leveraged by ARRA, primarily PENNVEST.

# ARRA Funding Awards - Details

- Drinking water:
  - 26 projects
  - \$44 million in ARRA funding:
    - Loans: \$14 million
    - Grants: \$30 million
  - \$181 million in total project costs
- Wastewater and non-point source
  - 87 projects
  - \$177 million in ARRA funding:
    - Loans: \$14 million
    - Grants: \$163 million
  - \$369 million in total project costs



# Progress to Date

- All projects are under construction
- 84 projects are at least 50% complete
- 26 projects are complete
- \$132 million in ARRA funds disbursed (60% of total ARRA funds)

# Hazleton City Authority – Luzerne County

Total Project Cost: \$15.5 million

ARRA Funding: \$12.5 million grant

Drinking water project to replace water main and a storage tank, upgrade a pump station and rebuild three water filters.

Percent complete: 35%



# Gratz Borough Municipal Authority – Dauphin County

Total Project Cost: \$1.4 million

ARRA Funding: \$1.0 million grant

Wastewater water project to construct a new wastewater treatment plant to eliminate sewage discharges into Wiconsico Creek during wet weather.

Percent complete: 80%



# Huntingdon Borough – Huntingdon County

Total Project Cost: \$21.0 million

ARRA Funding: \$6.0 million grant

Wastewater water project to install improvements to a 4 MGD treatment plant to, among other things, reduce nutrient discharges into the Chesapeake Bay.

Percent complete: 39%



# Greensboro Monongahela Twp. JSA – Greene County

Total Project Cost: \$6.0 million

ARRA Funding: \$1.4 million loan and \$4.3 million grant

Wastewater water project to install more than eight miles of collection lines and three pump stations to eliminate discharges of sewage from on-lot septic systems into Whitely Creek

Percent complete: 89%



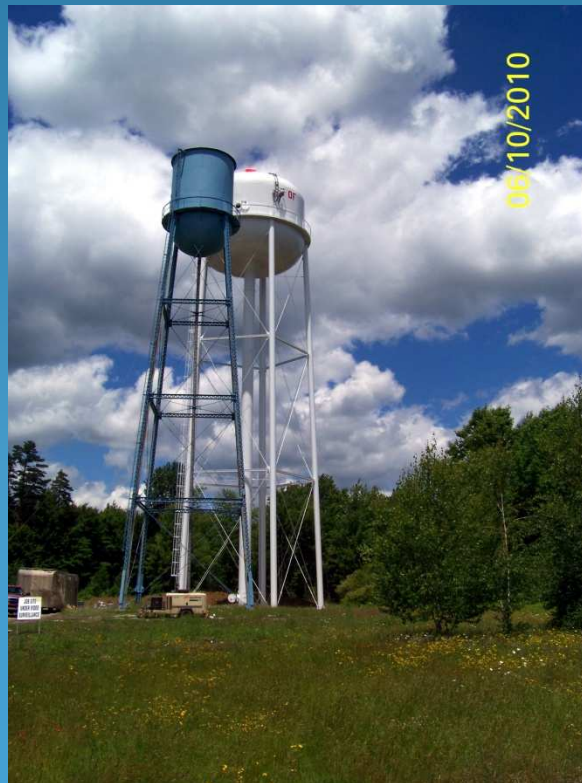
# Pleasantville Borough – Crawford, Venango Counties

Total Project Cost: \$4.4 million

ARRA Funding: \$4.1 million grant

Drinking water project to construct a new water storage tank to replace a structurally unstable tank, as well as make other system upgrades.

Percent complete: 86%



# Chesapeake Bay Foundation – Berks, Fulton, Snyder, Montour, Adams, Bradford, Columbia, Susquehanna, Lancaster, Juniata, York, Centre, Lycoming, Mifflin, Tioga, Schuylkill, Clinton and Potter Counties

Total Cost: \$15.0 million

ARRA Funding: \$15.0 million grant

Various non-point source projects that will install agricultural “Best Management Practices (BMP’s)” on farms. These BMP’s will reduce nitrogen and phosphorous discharges into the Chesapeake Bay.

Percent complete: 68%



# Questions or Follow-up?

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PENNVEST in general: [www.pennvest.state.pa.us](http://www.pennvest.state.pa.us)

To find a Project Specialist by county, go to the homepage of our website and click on the “Regional Info” map on the right-hand navigation bar.