

*Water Resources Plan for the Delaware River Basin*



**Basin Plan Implementation  
9th Annual Progress Report**

**~ 2013 ~**

# Background on Basin Plan

- Enhances DRBC Comprehensive Plan with a forward-looking component (2004-2030)
- Acknowledges roles of other Basin entities
- Broad group of participants reached consensus on common Principles, Goals & Objectives
- Signed by 4 Governors and Federal Regional Executives

*Water Resources Plan  
for the Delaware River Basin is  
A Common Vision for a Common Resource*

# Basin Plan Content



- A Unified Vision
- Establishes policy direction - 30 yrs
- Based on integrated management & collaboration
- Specifies results
- Suggests milestones and ways to measure progress

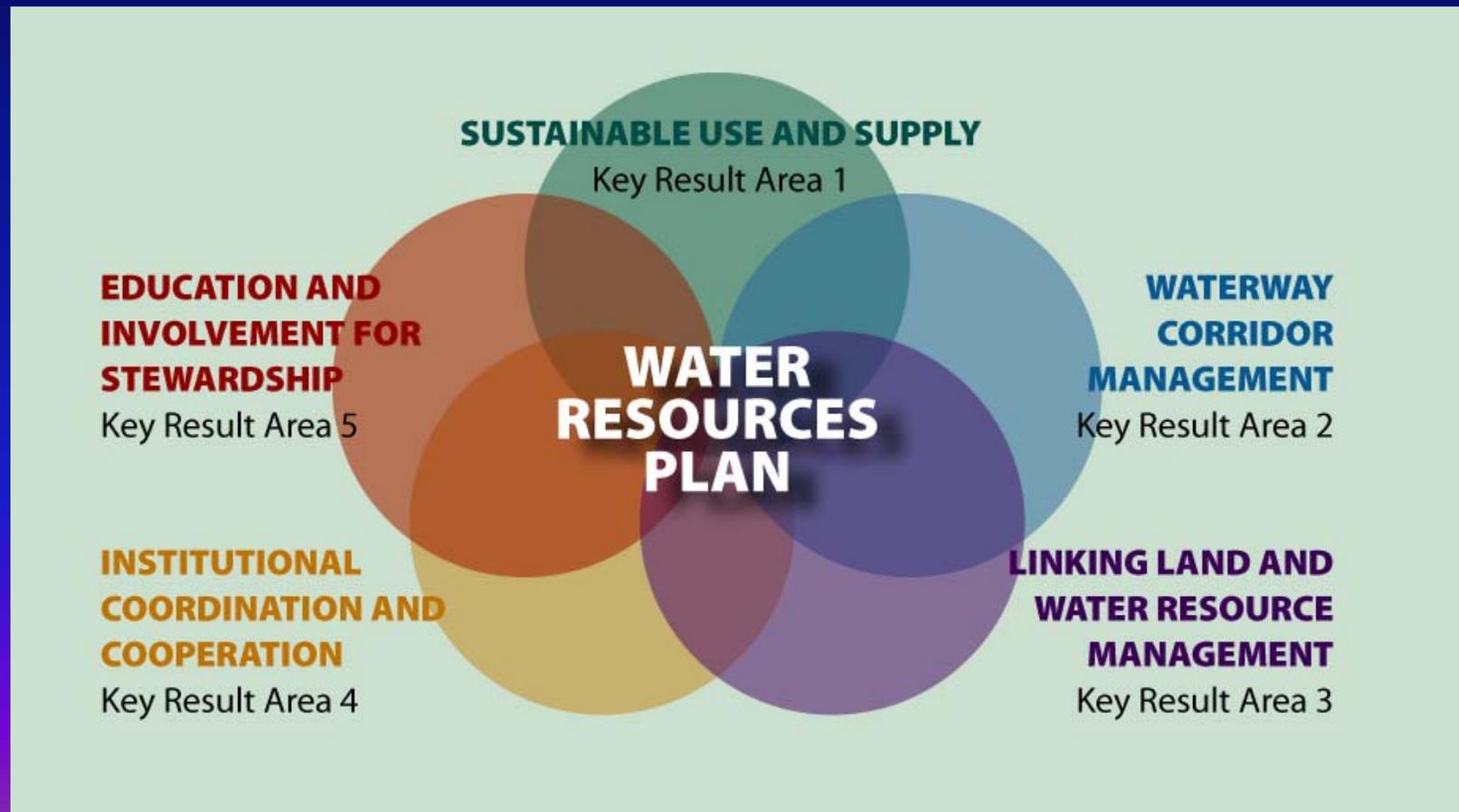
# Basin Plan Structure



- ★ Guiding Principles
  - ★ Key Result Areas
    - ★ Desired Results
      - ★ Goals
        - ★ Objectives
          - ★ Milestones

# Basin Plan Implementation

5 Key Result Areas, 21 Goals, 102 Objectives



# Highlights ~ 2013



## Multi-agency Efforts to Manage **Natural Gas Drilling** in Shale Formations

- NY – draft SGEIS process, public health study
- PA – Act 13, regulation changes
- Federal – EPA/ USGS/ DOE studies
- DRBC – upper basin resource map layers, benchmarking management practices & emerging studies

# Highlights ~ 2013

## Delaware's *First State National Monument*

- ✓ Newest of over 400 National Park Units
- ✓ 1<sup>st</sup> for State of Delaware!



## New York *Withdrawal Program* in Full Swing

- ✓ Applies to all withdrawals > 100,000 GPD
- ✓ Ensures improved water use data for demand forecasting



# Highlights ~ 2013

- New leases could double NJ near-shore **Aquaculture Production** to \$12M annually



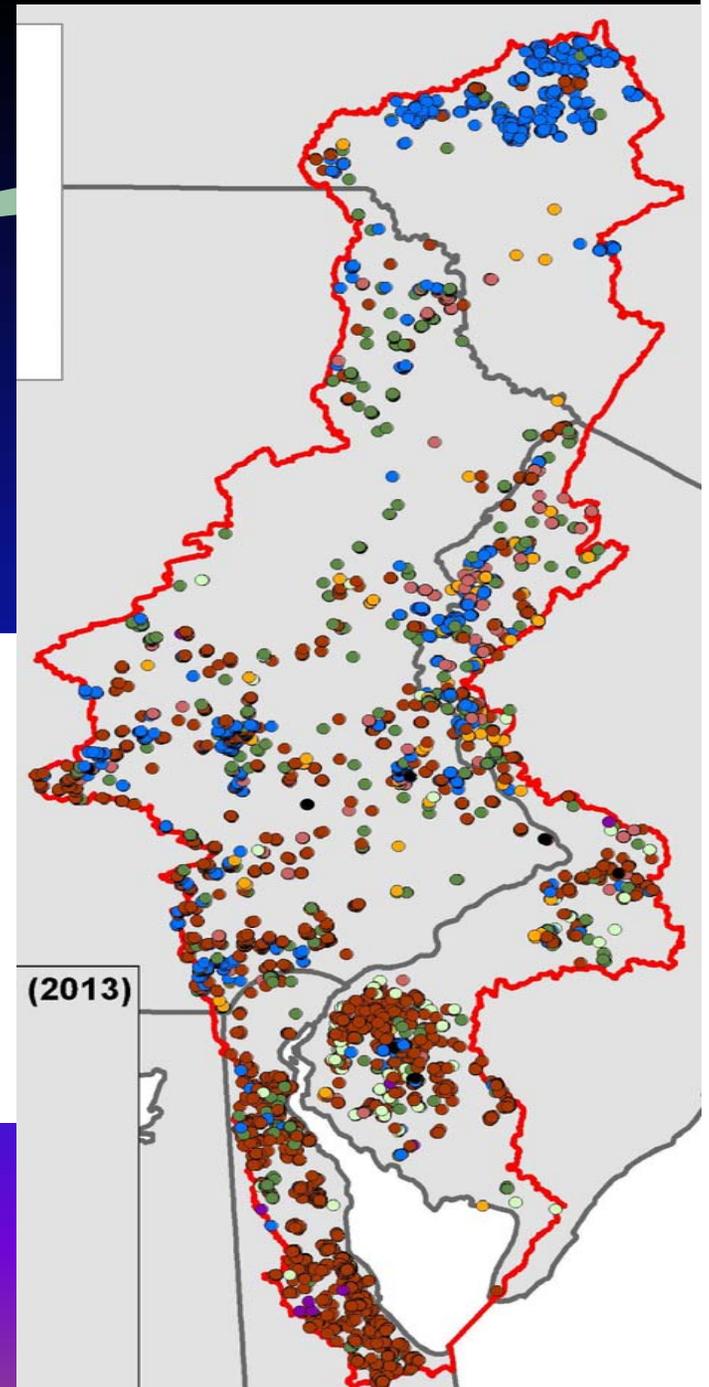
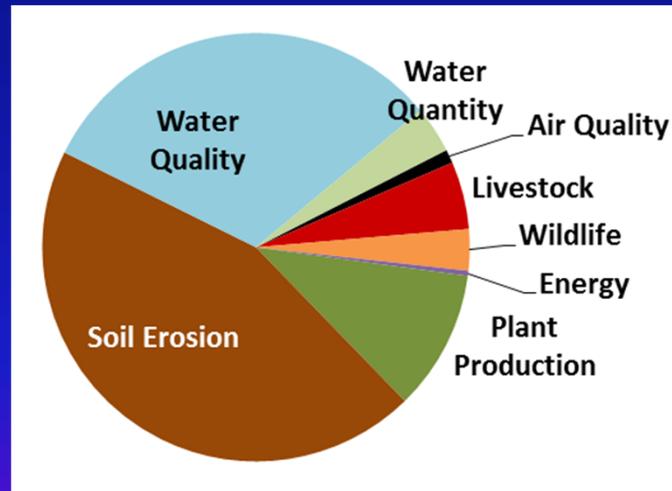
- Report affirms economic value of **PA's Water Trails**: Schuylkill generates >\$700k



# Highlights ~ 2013

- NRCS reports nearly 8,000 **SWAPA**-based practices in 2013

- ✓ **Soil**
- ✓ **Water**
- ✓ **Air**
- ✓ **Plants**
- ✓ **Animals**
- ✓ **& Energy, too**



# Highlights ~ 2013

- 2013 *State of the Delaware River Basin* Brochure



- 2012 **William Penn Foundation** granted \$21M in watershed protection program grants
- 2013 **WPF** dedicates \$33M over 3 years for projects in 8 watershed clusters in DRB

# Key Result Area 1



*Ensuring an adequate and reliable supply of suitable quality water...*

# KRA 1 Highlights ~ 2013



- Accolades for **Camden County MUA**
- ✓ Treats 60 MGD of sewage to better-than-state standards
- ✓ Installed upgrades while lowering rates
- ✓ Awards: too numerous to fit here!

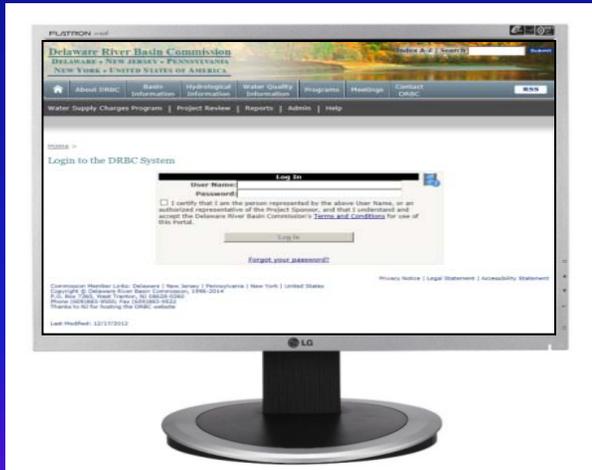


- **NYC Demand Management Plan 2021**
- ✓ 50 MGD reduction goal
- ✓ Includes 10% reduction from WWTPs
- ✓ 5 key strategies
- ✓ Plan release date: soon!



# KRA 1 Highlights ~ 2013

- New **Online Water Supply Charges Reporting System** comes to DRBC
- 1st year mandatory **Water Audits** “flowing” in to DRBC



- Easy & reliable entry
- Automatic calculations
- Directly updates DB



## Key Result Area 2



*Waterway corridors that function to minimize flood-induced loss of life, protect property & floodplain ecology, preserve channel stability & support aquatic & riparian ecosystems...*

# KRA 2 Highlights ~ 2013

- **NJ Bay Beaches** restored just in time for horseshoe crabs & spring migration through public/private collaboration



- **Easton PA Leader in Flood Management**
  - ✓ Featured in AWRA report *Proactive Flood & Drought Management (2013)*
  - ✓ Investments of \$400M over 7 years including:
    - ✓ Adopting 500 year flood standard
    - ✓ Infrastructure relocation
    - ✓ Waterfront Parks

# Key Result Area 3



*Integrated management of land and  
water resources...links to communities...*

# KRA 3 Highlights ~ 2013

- 1st leg of 5-mile **Delaware River Trail** opens in Northern Liberties, Philadelphia
- Delaware's **Christina River** gets the Royal Treatment for visit of Sweden's King Carl Gustaf & Queen Silvia



**SPRING GARDEN STREET GREENWAY**  
RIVER TO RIVER. NEIGHBORHOOD TO NEIGHBORHOOD



# KRA 3 Highlights ~ 2013

## Urban Waters Federal Partnership

- ✓ Greater Phila area
- ✓ one of 11 nationally
- ✓ to reconnect neighborhoods to waterways



# Key Result Area 4



*Institutional coordination & cooperation –  
Strong partnerships*

# KRA 4 Highlights ~ 2013

## Schuylkill Action Network

celebrates a decade of accomplishments  
2003 ~ 2013

- ✓ \$400M in leveraged investment
- ✓ 175 Ag projects
- ✓ 45 AMD projects
- ✓ Infrastructure upgrades
- ✓ Early Warning System



# KRA 4 Highlights ~ 2013



- **Berks County Water & Sewer Authority Association**
- ✓ Public-private collaboration
- ✓ Source water protection & emergency response
- ✓ >150 members
- ✓ Albright College, Center for Excellence in Government

- **Coalition for the Delaware River Watershed**
- ✓ Formed this year to coordinate the protection & restoration of the Delaware River, tributaries & landscapes
- ✓ 1<sup>st</sup> meeting June 2013



# Key Result Area 5



*Education & Involvement for  
Stewardship*

# KRA 5 Highlights ~ 2013

- **She Swam the Bay!**
  - ✓ 13.1 miles
  - ✓ 8 hrs 45 min
  - ✓ Port Mahon DE to Fortescue NJ
  - ✓ to raise awareness of this “*amazing place*” the Delaware Bayshore

**Meghan Wren**, Exec.Dir.  
*Delaware Bayshore Center*



# KRA 5 Highlights ~ 2013

## UDel launches *TIDE* Camp

- ✓ Taking Interest in Delaware's Estuary
- ✓ 2 week program
- ✓ high school students
- ✓ hands on field experience



## Monroe CO *Retains the Rain*

- ✓ Rain barrel art project
- ✓ Multiple partners
- ✓ Barrels went from gallery display to installation for a self-guided community tour

