

# DuPont Waynesboro Natural Resource Damage Assessment and Restoration

## Restoration Meeting August 25, 2017

Department of the Interior, U.S. Fish and Wildlife Service  
Commonwealth of Virginia

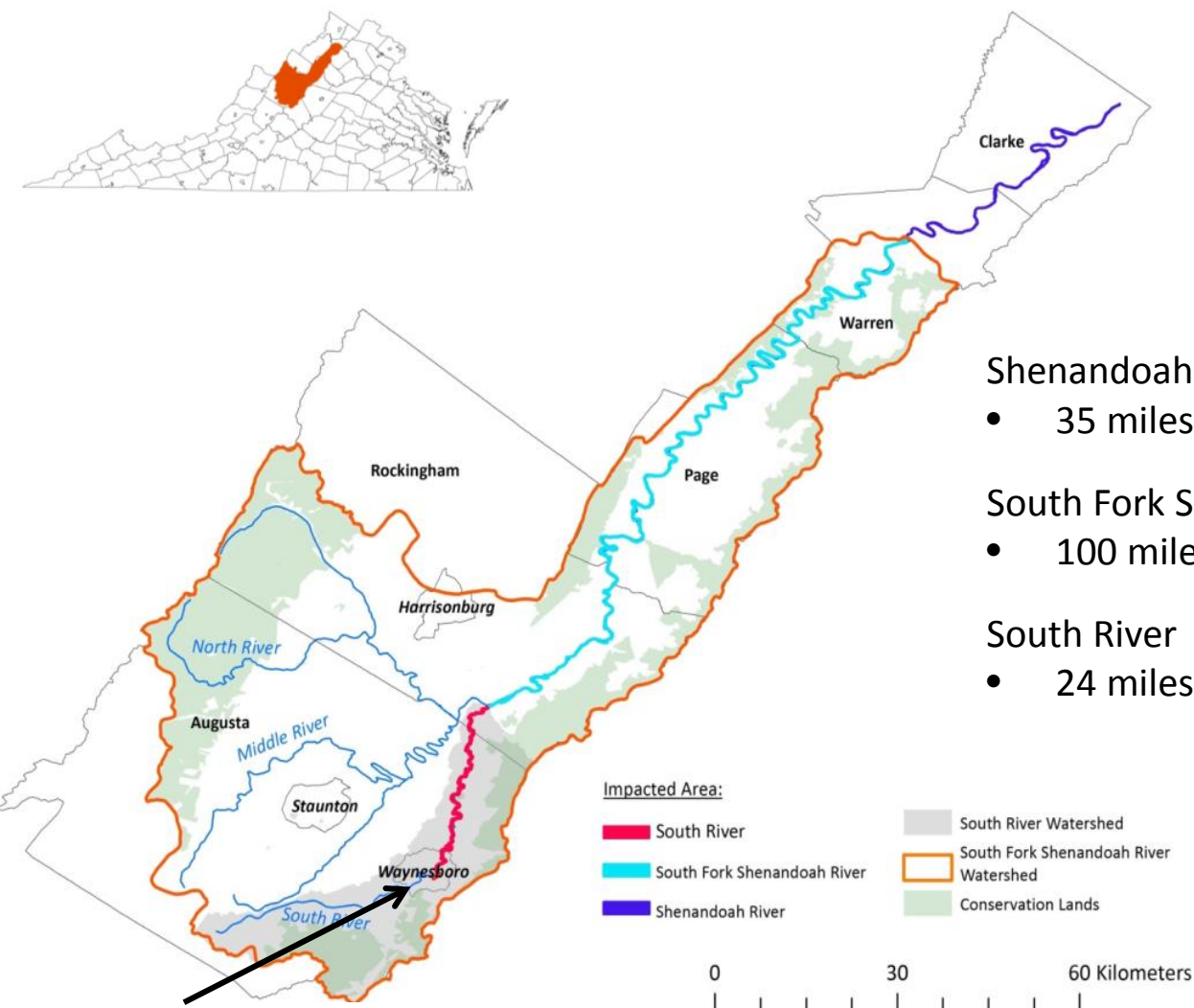


# Meeting Agenda

- Review Consent Decree and Restoration Plan
- Restoration Categories – Proposal Process
  1. Land Protection Projects
  2. Water Quality Improvement Projects
- Next Steps
- Q & A



# Site Background



**Former DuPont  
Facility,  
Waynesboro, VA**

Shenandoah River

- 35 miles

South Fork Shenandoah River

- 100 miles

South River

- 24 miles



# Injured South River Resources

## Ecological Resources – Aquatic and Floodplain Habitat:

- Sediment

- Soil

- Mussels



- Fish



- Reptiles

- Amphibians



- Bats



- Mammals

- Songbirds



- Fish-eating birds

- Waterfowl

Human Use - **Recreational Fishing**

**See RP/EA  
Sections 2.2 and 3.4**

# Natural Resource Damage Assessment and Restoration (NRDAR)

- Consent Decree approved July 28, 2017
  - Restoration Plan/Environmental Assessment
- All projects are reviewed, evaluated, and selected by Trustees



# Preferred Restoration Alternative

- |  |  |
|--|--|
| • Land protection, property acquisition, and recreational and wildlife enhancements              | \$19.5 million                                   |
| • Projects to improve water quality and fish habitat   | \$10 million                                     |
| • Mussel propagation and restoration   | \$4 million                                      |
| • Neotropical migratory songbird full life cycle restoration                                     | \$2.5 million                                    |
| • Recreational fishing improvement projects – access points and Front Royal Hatchery renovations | \$2.5 million + Front Royal Hatchery renovations |

# Preferred Restoration Alternative

- |  |                      |
|--|----------------------|
| • <b>Land protection, property acquisition, and recreational and wildlife enhancements</b>       | <b>Discuss today</b> |
| • <b>Projects to improve water quality and fish habitat</b>                                      | <b>Discuss today</b> |
| • Mussel propagation and restoration   | pending              |
| • <b>Neotropical migratory songbird full life cycle restoration</b>                              | <b>Discuss today</b> |
| • Recreational fishing improvement projects – access points and Front Royal Hatchery renovations | pending              |

# Restoration Project Criteria

## Review:

- Connection to injured resources
- Technical and regulatory feasibility
- Cost effective to plan, design, permit and implement the alternative, or leverage potential
- Likelihood of measureable project success and sustainability
- Multiple natural resources or ecological service benefits are optimally achieved

**See website and  
handouts  
RP/EA Section  
5.1, Table 6 & 7**



# Restoration Project Criteria

## Additional Information:

- Settlements funds held in DOI NRDAR Fund
  - Distributed when project identified
- No match requirements
- No expiration date of funds – until projects are identified

# Trustee Representatives – Points of Contact

U.S. Fish and Wildlife Service:

Anne Condon, 804-824-2407

Susan Lingenfelter, 804-824-2415



VA Secretary of Natural Resources

Angela Navarro, 804-786-0044

Virginia Department of Environmental Quality

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**Updates posted here:**

[https://www.fws.gov/northeast/virginiafield/environmentalcontaminants/dupont\\_waynesboro.html](https://www.fws.gov/northeast/virginiafield/environmentalcontaminants/dupont_waynesboro.html)

# IMPACTED WATERSHED

