



# **River Segmentation Proposed Modification for Phase 7**

## **Water Quality Goal Implementation Team Meeting**

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12/09/2024

# Proposal

**Use the NHD-HUC 12 watersheds as the phase 7 river segments**

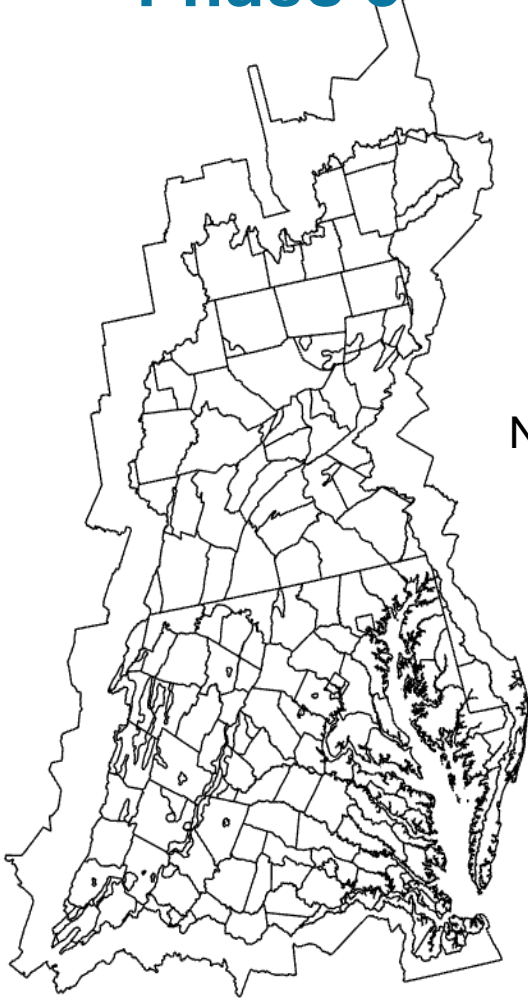
Current phase 6 river segmentation is not consistent with the NHD HUC 12 watersheds commonly used today for planning, data collection, and reporting

# Watershed Model Segmentation

- Land Segmentation (N11001)
  - Essentially County and City jurisdictional boundaries
  - Some mountainous localities subdivided to account for orographic precipitation effects
- River Segmentation (PL7\_4960\_0000)
  - Topographic watersheds
  - Do not recognize jurisdictional boundaries
- Land River Segments (N11001PL7\_4960\_0000)
  - The intersection of Land and River segmentation
- Segmentsheds (POTTF\_DC)
  - Watershed area draining to designated Bay tidal segment or CBSeg 92

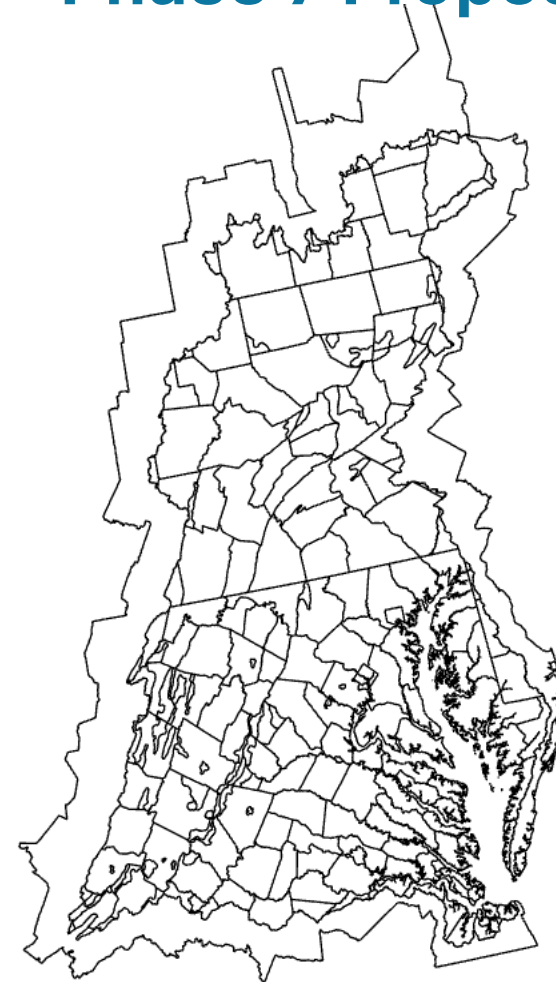
# Land Segments

**Phase 6**



N = 236

**Phase 7 Proposed**



N = 236

# River Segments

**Phase 6**



N = 979

**Phase 7 Proposed**



N = 1978

# Land River Segments

**Phase 6**



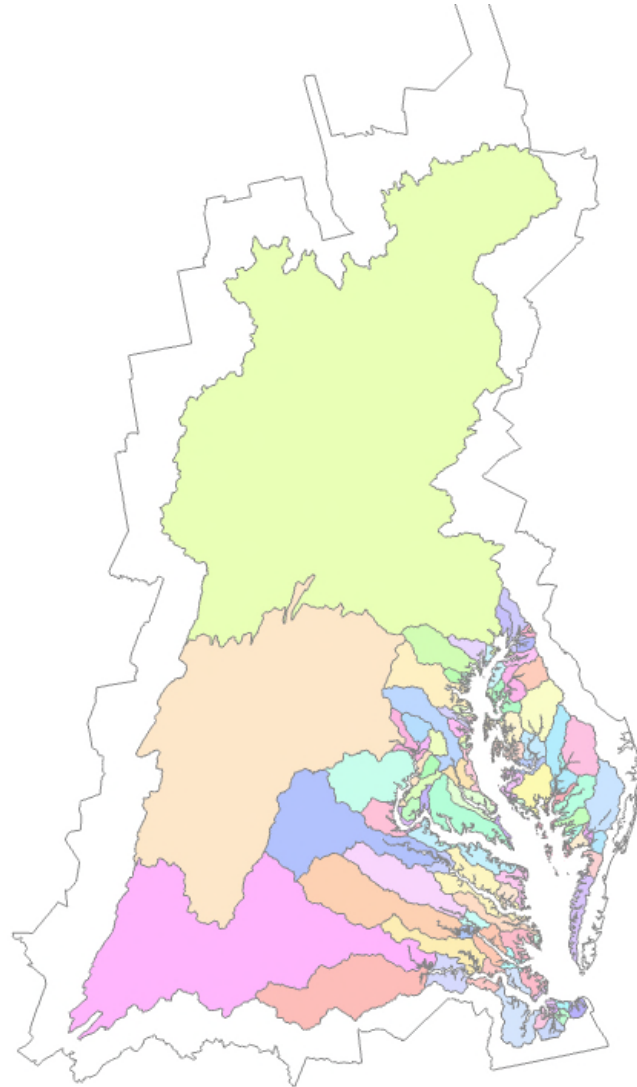
N = 1933

**Phase 7 Proposed**



N = ?

# Chesapeake Bay 92 - Segmentsheds



$$N = ?$$

- Depends on the edits needed to maintain the Bay TMDLs Segmentsheds
- Depends on selection of minimum size for resulting Land River Segments
- Minimum size would need to be decided by the partnership but recommend 1000 to 5000 acres
- Minimum size acreage needs to allow use of current CAST EXCEL exports (1,048,576 records)



**Discussion?**