

ONRC GIS

WRIA 20: General steps taken in making GIS base layers

Initial “Clipping” Layer

Steps Taken

Netscape Navigator

- Downloaded “Water Resource Inventory Area (WRIA) – 24k” dataset from hydro.reo.gov

Winzip

- Unzipped file

Arc View 3.2

- Used “Select Feature” option to highlight layer
- Used “Convert to Shapefile” to create a single boundary for WRIA 20

Arc Toolbox

- Converted from shapefile to coverage
- Projected coverage to (Assumed Geographic) to match clipped shapefile
- Performed “Build” Topology
- Reprojected Coverage to “State Plane NAD 1927 Washington South Zone (4602)”
- Performed “Build” Topology to produce final coverage

Other Layers

Steps Taken

Netscape Navigator

- Downloaded dataset

Import 71

- Extracted e.00 file

Arc Toolbox

- Defined projection
- Reprojected if necessary to match WRIA 20 coverage

Arc GIS

- Opened file
- Clipped file in correspondence with WRIA 20 coverage

Arc Toolbox

- Defined projection of new shapefile
- Converted from shapefile to coverage
- Performed “Build” and “Clean” Topology as necessary
- Reprojected Coverage to “State Plane NAD 1927 Washington South Zone (4602)”
- Performed “Build” Topology to produce final coverage

Arc Catalog

- Converted dataset to e.00 file

Windows

- Compressed e.00 file to a .zip file