LR-NHD in West Virginia
Monthly Report – September 2006

Status

During the month of September, 2006, the following tasks have been completed as part of the Local Resolution NHD project in West Virginia. Please see attached status graphic for additional detail:

- Geometry has been corrected and basic attributes have been added to local resolution data for all 8-digit watersheds inside the project area. This data has also been quality controlled.
- Pre-conflation is underway for one of the two pilot-watersheds – the Gauley River, 05050005.
- In conjunction with the USGS, new conflation software has been received and installed and initial conflation steps have started in the Upper Guyandotte Watershed, 05070101.
- We continue to maintain a close working relationship with the USGS. In addition to beginning pilot conflation projects, we continue to act as the beta testers for the new conflation software currently in development by USGS.
- The project website (http://www.wvgis.wvu.edu/stateactivities/lrnhd.html) has been updated to reflect recent project activities. All monthly reports, status graphics and other materials are available for download from this website.

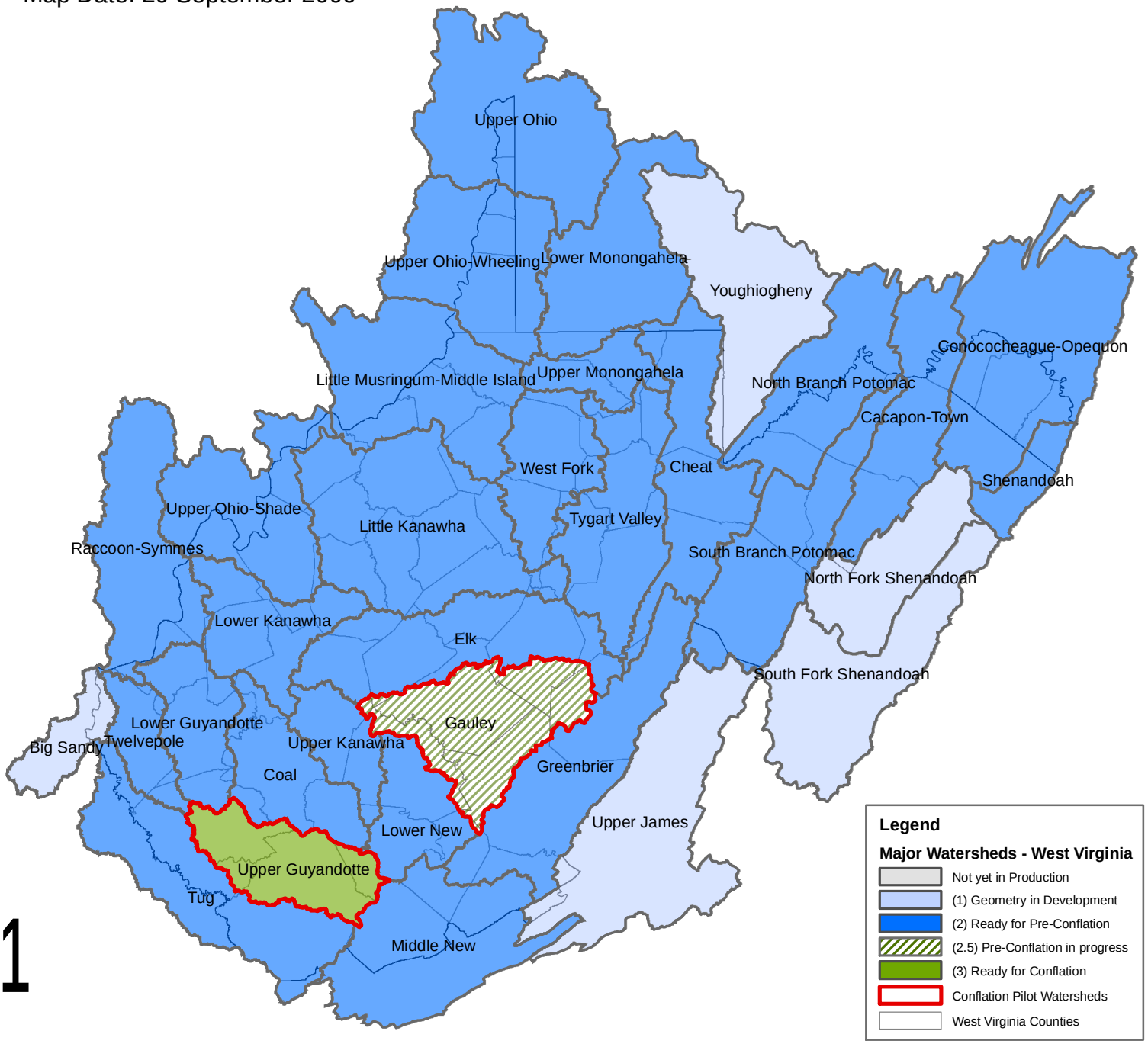
We currently anticipate completion of both pilot conflation projects by the end of 2006. Once these pilot projects are completed and funding is secured, full production of local resolution NHD for the state of West Virginia will commence. We currently anticipate that this will begin in the Spring of 2007.

Funding

West Virginia University requests continued funding to expedite the completion of the LR-NHD product in West Virginia.

Development of the Local Resolution National Hydrographic Dataset in West Virginia

Map Date: 20 September 2006



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The process to complete the Local Resolution NHD Project in West Virginia has been broken into three major steps. First, we visually compare the new 1:4,800 scale stream lines to existing 24K NHD lines. Areas where the new data underrepresents the existing lines are flagged and examined, and, if neccessary, new and old datasets are combined to create a complete dataset. General attributes are also added at this stage. In tandem with custom software developed by the USGS, this step prepares the data for the preconflation process. Preconflation is the second major step of the project, followed immediately by conflation, the third and final step. This map illustrates the current progress of the LR-NHD team.