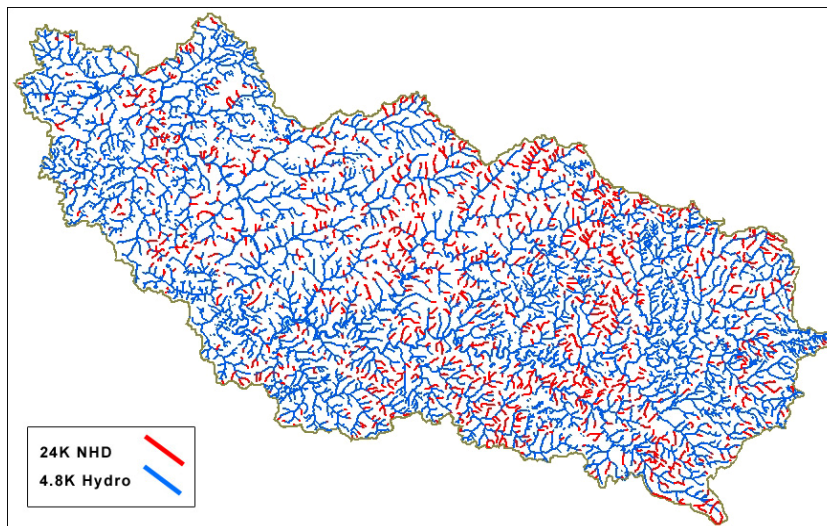


Improved Resolution NHD in West Virginia

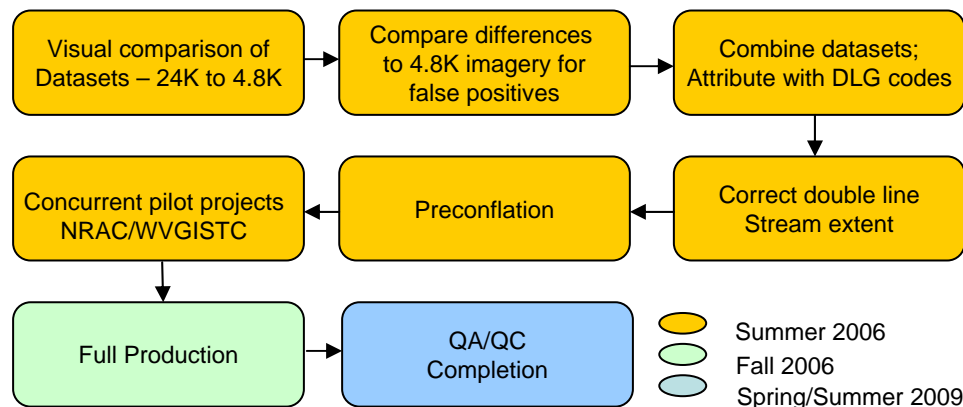
IR-NHD stands to improve the accuracy and completeness of National Hydrographic Data for the state of West Virginia. Utilizing data collected at 1:4,800 scale from stereo pair orthophotography by the West Virginia State Addressing and Mapping Board, this project hopes to create a new and improved NHD dataset within the next 3 years.

To the end of creating a complete dataset, we have undergone rigorous comparisons of existing and new hydrographic data. Through this, we have determined that we will be creating a combined 24K/4.8K dataset. This product will include the most possible features while respecting the goal of improving currency and resolution. The image at right and table below describe the hypothetical final IR-NHD product in the Upper Guyandotte watershed.



	Combined Total	4.8K Streams	24K Streams
Miles	27059.55	22437.20	4622.35
% of Total		82.92%	17.08%

During the summer of 2006, employees of the West Virginia GIS Technical Center and Natural Resource Analysis Center will be working to complete many of the tasks listed to the right. Pilot projects will help us streamline the process and ensure quick, reliable methods once full production begins in the Fall of 2006.



The website for this project can be found at:

<http://www.wvgis.wvu.edu/stateactivities/lrnhd.html>

This website contains news, documentation, and sample data for the user community. Direct questions and comments to Evan Fedorko via this email:

Evan.Fedorko@mail.wvu.edu