

**July 12, 2010
San Diego, CA**

**Watershed Boundary Steering Committee of the Subcommittee on Spatial Water Data
Meeting begun 4pm.**

Attendees:

Karen Hanson, USGS; Dan Wickwire, BLM; Tommy Dewald, EPA; Wendy Blake-Coleman, EPA; Tommie Parham, NRCS; Steven Nechero, NRCS; Bill Adams, NRCS; David McCulloch, USGS; Stephen Daw, USGS; Jeff Simley, USGS; Katherine Lins, USGS.

Karen Hanson -- update and status of the Watershed boundary data program:

Alaska was completed last October 2009, and the coastal was completed by February 2010, except for Cook Inlet. There is now an IPSAR project on the North Slope funded by BLM. The work is being done in UT WSC by BLM employee.

USGS has a proposal to update the NHD for Alaska which will be done as a replacement rather than conflation.

Georgia – The UT WSC is making corrections for inaccurate linework. This includes the coastal and coordination with others in the state.

A number of states are submitting changes to the data for their states e.g (OR, SD, ND)

They are reviewing and updating legacy codes where needed. Updating the legacy names and codes will assist with the NHD migration of WBD to the NHD. This means some changes will be needed along the Canadian border. The Great Lakes will require a lot of negotiation with NHD/NHN (NHN is the Canadian National Hydrology Network).

Canada – the 8-digit containers will be completed by November 2010. It will take two years to complete the full harmonization. For the Great Lakes there needs to be buy-in by all states. Still need confirmation by Wisconsin.

Geographic Names Information System (GNIS) integration: Generic names will include the “name x-digit hydrologic unit”.

In the future the plan is to incorporate the HUCs as a Web mapping service (WMS) and a web feature service (WFS) in the GNIS. Karen will be developing the charter for integration.

Jeff Simley -- The NHD Guidance document will be a living document maintained online as a webform. This will be an easier reference to keep up to date. The WBD Guidance once completed could use the same technology and format.

Steve Daw -- update on stewardship:

MOUs are being developed and where possible includes joint stewardship of NHD and WBD. Tool development is the big issue this fall with testing and feedback by volunteer states. Those states to do testing will be required to document their findings. The intent is to have a structure that can be plugged into an on-line database tool. The NHD and WBD tools will have the same look and feel because the same programmers are working on them. Stewardship tools will be provided for stewards through a web page with log-in.

Reach migration allows the NHD codes to be integrated with the WBD. Pour point migration still needs to be done. This may be through a batch processing with quality assurance reviews.

The NHD now provides the latest copy of the WBD when the NHD is downloaded. It no longer uses the HUCs so it now uses the 10- and 12-digit WBD boundaries. The Canadian Data is included.

Future:

Karen - There is a 5-year Planning Document in draft. Karen will provide it to the Steering Committee for review.

Wendy - The FGDC will be building a page that makes it possible to find A-16 datasets. Life-Cycle management requirements will be coming from OMB.

Steve Nechero - NRCS will be putting up a webpage data portal to provide quick access to all their authoritative data sources.

Jeff will share with NRCS what the NHD Program is doing with dynamic webpages for consideration.

Remaining questions:

Archiving:-. We will need a versioning component. The NHD has versioning stamps and the same could be used for the WBD.

Funding: - The WBD will continue to be supported by the USGS Water Program next year, at the same level as this year (assuming level funding)

Hosting – Should ESRI be showing a version of NHD/WBD in their ArcGIS Online?