

Minutes from NHD TWG meeting Monday, April 16, 2008

ADEQ Headquarters

Main topic of discussion: Finalizing the Technical Working Group's Policy Recommendations

Participants:

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The Technical Working Group finalized the following guidelines:

NHD Sub stewards

The sub-steward will use GNIS and USGS topographic maps to verify, add, or edit the NAME field of the NHD. If the sub-steward has other information available giving a previously unnamed stream a name this information may be submitted for inclusion in the NHD data set. It is not necessary or required to name every stream.

For streams assigned a new name the sub-steward will route the name edit to the State NHD Steward who will follow the GNIS naming procedure.

Sub-stewards shall utilize the most current version of the USGS provided NHDGeoEdit and FlowCheck tools to perform edits. (Tools require ESRI ArcInfo software.)

Sub-stewards shall perform edits using the most recent available statewide digital ortho-imagery unless higher resolution digital ortho-imagery exists.

Ponds – If the sub-steward can see a pond feature on the digital ortho-imagery data the new pond feature should be captured.

The sub-stewards are encouraged to but not required to edit based upon a 12 digit HUC. The HUC to be edited should be coordinated with the State Steward.

Sub-stewards will make edits based upon the 12 digit HUC delineations and will report to the state steward when they have completed an entire 12 Digit HUC.

Sub-stewards should complete the HUC area in a timely manner not to exceed ninety calendar days. (Issue to be revisited per communication from Bill Sneed. The timeframe issue has been tabled for now, because Bill needs to check with USGS about how long we really can go with keeping a HUC out of the National Map. The

team has decided on 90, 30, and 60 for the entire process. Hopefully, the USGS will agree to this.)

When there is a break in the flowline that does not include a confluence of another flowline the segments should always be extended downstream.

When there is a break in the flowline that includes a confluence of another flowline the upstream broken segment should be extended downstream to the confluence and the downstream broken segment should be extended upstream to the confluence.

Springs - Springs should be added to NHD.

Naming Shorelines - At this time should not be included. Arkansas limited or no need for naming shorelines due to the state's interior location within the continent. This appears to be a coastal states issue.

ACTION ITEMS:

Katy is going to create a layer/shapefile to put with the currently existing PDF of NHD Status map (on a 12-digit HUC basis). This will occur (be updated) each time someone has something to update.

Bill Sneed to resolve the checkout time period with national NHD coordinators.