

MINUTES

Hydro TWG: 03/11/2021

Attendees:

Danielle Favreau; IDWR
Linda Davis; IDWR
Missy Harris; IDWR
Adrianna Gibson; ISU

Jim Szpara: DEQ
Sabine Krier: CDA Tribe
Cyndi Andersen: Bannock Co.

Review of Proposed Changes to 17040104:

Note: Proposed update documents available at: <https://idwr.idaho.gov/GIS/NHD/hydro-TWG.html> under Meeting Documents including screen shots and GIS shapefiles.

First Proposed Action: Change HUC12 along the boundary of HUC12: 17040104

- Option 1: Move boundary to the East, the Antelope Creek original boundary
- Option 2: Move boundary to the West, would make a new HUC12
 - Recommended to move to this Dry Bed option
 - Discussion, concerns: none
 - Action item: IDWR to recommend to USGS

Second Proposed Action: Snake River has significantly moved to the west and braiding has changed

- Option: Accommodate the changes in the braid by moving the HUC12: 17040203 boundary to follow the Snake Boundary
 - Discussion, concerns: none
 - Action Item: IDWR to recommend change in HUC12

Third Proposed Action: Change near Willow Creek HUC12: 17040201 and 17040206. Original Boundary crosses Snake River

- Option: Adjust Boundary to not cross the Snake River. No code changes associated
 - Discussion, concerns: none
 - Action Item: Accept proposed change by USGS

Fourth Proposed Action: HUC boundary based on 3DEP data

- Option: Adjust HUC 12: 17040203 boundary north. HUC boundary goes through field. USGS refining and adjusting the NHDPlus
 - Discussion, concerns: Odd shape of boundary (strange pointed areas in change)
 - Action Item: Reject action; IDWR to ask for a more refined boundary change

Updates:

- NHD/WBD: Now at Model 2.3
- NHD
 - State wide extracts unavailable: contact IDWR for information about getting work around.
- WBD
 - There is scheduled upcoming database downtime. Should not affect AWS or download access. This downtime will affect the tools.
- NHDPlus HR
 - Complete for CONUS! Working on refresh cycle that will officially take the NHDPlus HR out of Beta!
 - NHDPlus VAA Webpage: Expanded descriptions some of the attributes in the NHDFlowlineVAA table. Keep checking back as more attributes are added! VAA Website: <https://www.usgs.gov/core-science-systems/ngp/national-hydrography/value-added-attributes-vaas>
- Markup Reviewer
 - Please use the Markup Reviewer for submitting edits to all 3 datasets.
 - <https://www.usgs.gov/core-science-systems/ngp/national-hydrography/tools#Markup>
- Editor Tools: Moving the ArcGIS 10.7 soon.
 - USGS evaluating moving to ArcGISPro
- NHD Tool Training
 - Contact IDWR if you would like NHD or WBD Edit tool Training.

Comments:

- Markup reviewer: If data submitted, USGS goal is to review in 3 months. IDWR has seen it has been more like 6 months.
- Web services have been up to date, but feature services aren't available. Entire State download has been completely broken. USGS is rewriting extract code for State Extract. HU4 and HU8 downloads are on schedule – think it is every 3 months.
- 100K data set has been retired. Going to NHDPlusHR. Can create own version using the visibility feature but it will not align with the older NHDPLUS v. 2 data.

Next meeting: Sept. 9, 2021