

As part of the quality control checks for the NHDPlusHR as well as in preparation for the development of Elevation Derived Hydrography (EDH) at scales finer than 1:24,000, the USGS is reviewing the delineations of the WBD Sub-basins (HU8s). The USGS is looking for inherited errors that were propagated through the WBD based on the original source data, a 1:250K dataset, and to ensure that the Sub-basin delineations make hydrologic sense based on coding and names. Several boundary adjustments to the Idaho Falls (17040201) HU8 have been identified during that process. These changes may have far reaching effects as many project boundaries are described by Sub-basin.

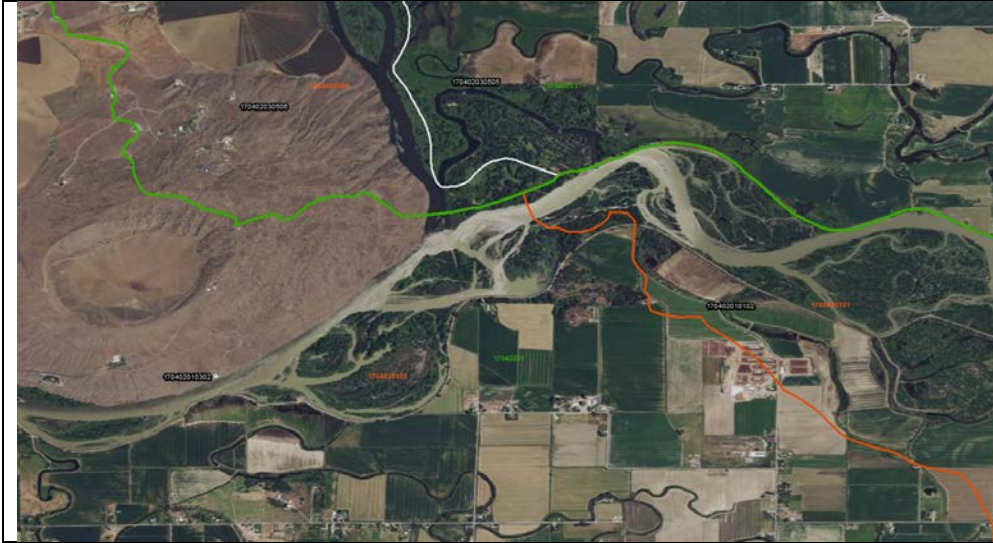
Below is a general summary of the proposed changes.





It appears that the original 8-digit boundary for 17040104 was based on the HUC250K dataset which breaks at a minor tributary. Propose to adjust boundary to a more predominant feature like the confluence upstream with Antelope Creek (Option 1) or the downstream diversion into Dry Bed Canal (Option 2).

Change Group 2
General Location: 05N38E Sections 13 and 14
Current WBD
Proposed Changes



Modification is due to significant migration of the Snake River. The current WBD break for 17040203 (Lower Henrys) is cutting across the Snake River. This creates an issue for 17040201 (Idaho Falls) because the Snake River starts in 17040201, flows into 17040203 and then back into 17040201.

Change Group 3
General Location: 02N37E12, 02N37E123, 02N38E7, 02N38E18
Current WBD
Proposed Changes



The WBD NTC felt that it made more hydrologic sense to break Willow Creek out as a standard 8-digit HU instead of lumping a very small part of the Snake River within this unit. We would like the WBD Technical Working Group to take another look at this area to see if they are in agreement with this adjustment or if there is a valid reason to keep a small portion of the Snake with Willow Creek

Change Group 4
General Location: 04N40E Sections 10, 15, 16
Current WBD
Proposed Changes



Change is based on the 3DEP data which indicates that the boundary should be moved to the north.