

**MINUTES OF MEETING OF THE ARIZONA
GEOGRAPHIC INFORMATION COUNCIL
DATA COMMITTEE – NRWG NHD Pilot Team**

DRAFT

A public meeting of the Arizona Geographic Information Council was convened Mar 26, 2021 at 10:00 AM on Webex. Present at the meeting were the following members or designees of the AGIC Data Committee-Natural Resources Work Group – NHD Pilot Team:

Table 1: Committee Voting Members

Member	Agency/Company	In Attendance
Glen Buettner, Co-chair	AZ Dept of Water Resources	Yes, Phone
Jeremy Johnson, Co-chair	Matrix New World	Yes, Phone
Mariah Modson	Arizona State Land Department	Yes, Phone
Robert Davis	Quiet Creek	Yes, Phone
Ben Hickson	Pima Association of Governments	Yes, Phone
Jenna Leveille	Arizona State Land Department	No, Excused
Camille Mayberry	AZ Dept of Water Resources	Yes, Phone
Cody Maynard	AZDEQ	No

Table 2: Public At-Large

Name	Agency/Company	In Attendance
Drew Decker	USGS	Yes, Phone
Alene McCracken	AZ Dept of Water Resources	Yes, Phone
Tanya Owens	Westland Resources	Yes, Phone
Roy Jamison	US Forest Services	Yes, Phone

- I. **Call to Order:** Meeting was called to order at 11:33 am; Introductions were made by the committee; ensuring attendance list was managed and quorum established.

- II. **Approval of January Meeting Minutes:** January meeting minutes were distributed prior to the meeting via email. Glen asked for a motion to approve the minutes as written. Jeremy motioned and Robert Davis seconded the motion. Motion passed unanimously without discussion.

- III. **Project Status Updates:** There was another round of NHD editing training through USGS. A couple more people from this group attended, such as Alene, Ben, Camille, and Robert. As was the case with Cody and Mariah at the previous training, issues arose regarding downloading and having access to the proper software in order to full complete the training course. Drew shared that the next training dates should be in May. So far, a member from ADWR and from Cochise County are on the docket to attend. He reminded the group that anyone who has attended previously is welcome to attend a training course again to refresh themselves, as the waiting list we once had,

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has now been exhausted. It was brought to the attention of the team that the ArcMap 10.7 version of the NHD Editing software has been released. On this note, Data Reviewer and Mapping Production extension are still required. The Data Reviewer extension is available through the channels of the USGS, but the Mapping Production one is still not receivable. Now that there is a 10.7 version of the editing tool available, the Land Department has the option of distributing single use licenses as needed, for team members to complete their training courses.

- IV. Data Analysis Team:** This group has been meeting on Fridays to work through the editing of line work and attributes for the pilot project. They have determined the core attributes they will move forward with are: FCode, GNIS Name, Reach Code, and Permanent Identifier. Optional attributes that could also be considered would be: Type, Flow Direction, and GNIS ID. These are not confirmed to be in the final dataset. Any other attributes per a local municipality or organization would be required to join tables with what the team produces. Since they have started to work out backend details, their Friday's meeting will now be working meetings to collaborate on how the proposed workflow is operating. Said proposed workflow was created by Ben. It includes attributing linework with Edit Codes depending on the level of similarity across the datasets. The hope is that these codes can be used to run batch processing to take care of a majority of the linework. In the meantime, the analysis team has a chart to track progress of which HUC 12s have or have not been completed.

While there are a handful of moving parts at the moment, the important discussion was had regarding submitting our linework edits to USGS for their official NHD dataset. Drew elaborated on what our options include with this. When we get team members fully through the training courses, they will be able to access the USGS NHD data. Here, someone is able to check out a HUC for editing, then submits it back in for the state steward to check. Since Arizona does not have a state steward, it would fall on USGS to review our editing submissions. However, it is possible that this team could get granted the status to be the final step and lock in our editing work. This can be done in one of two ways. First is to be recognized by the USGS that said person and/or group will be the one(s) acting on behalf of the state. Second option is to make it more formal with an official Memorandum of Understanding with the USGS, designating said party as the acting steward. Said party does not have to be a specified individual. Since this work is being done by a team, it is possible to have, for example, "members of AGIC" assigned. This way it kept more open for whoever has gone through the training.

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- V. **Next Steps:** Analysis team will continue editing the Upper San Pedro Watershed, focusing on highlighting discrepancies before going back for a closer look. Create a map on the NRWG AZGEO Landing Page to display the Analysis team's editing progress, symbolized for what areas are being worked on versus what areas have been completed in the review stage. Present this and other analysis progress at larger NRWG meeting in April.

- VI. **Information or topics for future meetings:** Continue meeting every other month. Next meeting will be in May. This will be after meeting with the larger group in April. Robert will present on scale shifts and how it effects analysis.

- VII. **Adjourn:** Meeting adjourned at 10:55am.