

Hydrologic Monitoring



This diagram depicts the tasks in the hydrologic monitoring location visit workflow pertaining to a subset of parameters (e.g., rainfall, groundwater level) and their associated equipment. The goal of this effort is to streamline the design of new software tools to facilitate the field data collection process.

The workflows described here focus on 1) collecting and verifying data for what Aquarius is the system of 1 and 2) recording asset management and maintenance activities for the equipment used to collect that data. In the present, ARXIS Survey123 is the target application to be used for data collection. An enterprise geodatabase serves as the system of record for asset management data, and a staging area for Aquarius content. Therefore, the workflow design includes some elements specific to those platforms.

The modeling effort is ongoing. Please contact the NWRC-GS team with comments or corrections.