

Compile ancillary data	X	X	X	X															
Index ancillary data to NHD			X	X	X	X	X												
Create a digital elevation model from LIDAR data			X	X	X														
Delineate reach watershed boundaries; derive and incorporate watershed characteristics							X	X	X										
Circulate draft watershed evaluation tool to cooperators for testing and review												X							
Meetings with UNRBA to discuss monitoring sites and approaches					X				X				X						
Summarize information for potential monitoring sites and provide technical expertise regarding monitoring plans								X	X	X	X	X	X						
Revise watershed evaluation tool based on input from testers											X	X	X						
Document data sets (metadata)		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Prepare and submit article for publication											X	X	X	X	X	X	X	X	X
Deliver final tool to cooperator and provide training																		X	X

Of particular note is the target date of July 2004 for circulating a draft of the WET to the group for testing and review. To meet this target, the USGS needs to obtain GIS environmental data layers by the end of February 2004.

Environmental Data Discussion

Mary reminded the group that the NHD-based WET would have the following capabilities: upstream/downstream navigation; indexing ancillary data; basin delineation; basin summarization; hot-linking. The group brainstormed types of stream and watershed information they would like to have incorporated in a watershed-analysis tool. The resulting list contained approximately 70 items. The group then divided these items into three categories: those that currently exist as GIS coverages; those that are at least partially available, but perhaps not in a GIS-compatible format; and datasets that do not exist. The latter two categories include data layers that could be developed in the future, or that could be incorporated into the WET by local users after the prototype is developed.

Silvia discussed data requirements for the WET. Apart from the LIDAR-derived elevation model, the USGS will not be able to create new data layers within the project timeframe. Furthermore, data layers incorporated in the WET must be accompanied by FGDC-compliant metadata. Therefore, emphasis will be placed on indexing currently available, documented data layers that exist for the entire study area (a requirement for using the “basin summarization” tool). The group decided that the WET would use the state plane-feet coordinate system, because this is the preferred projection for its target audience of local governments.

Mary will summarize the list of potential data sets and email the list to the WET Task Group members for further consideration and prioritization.