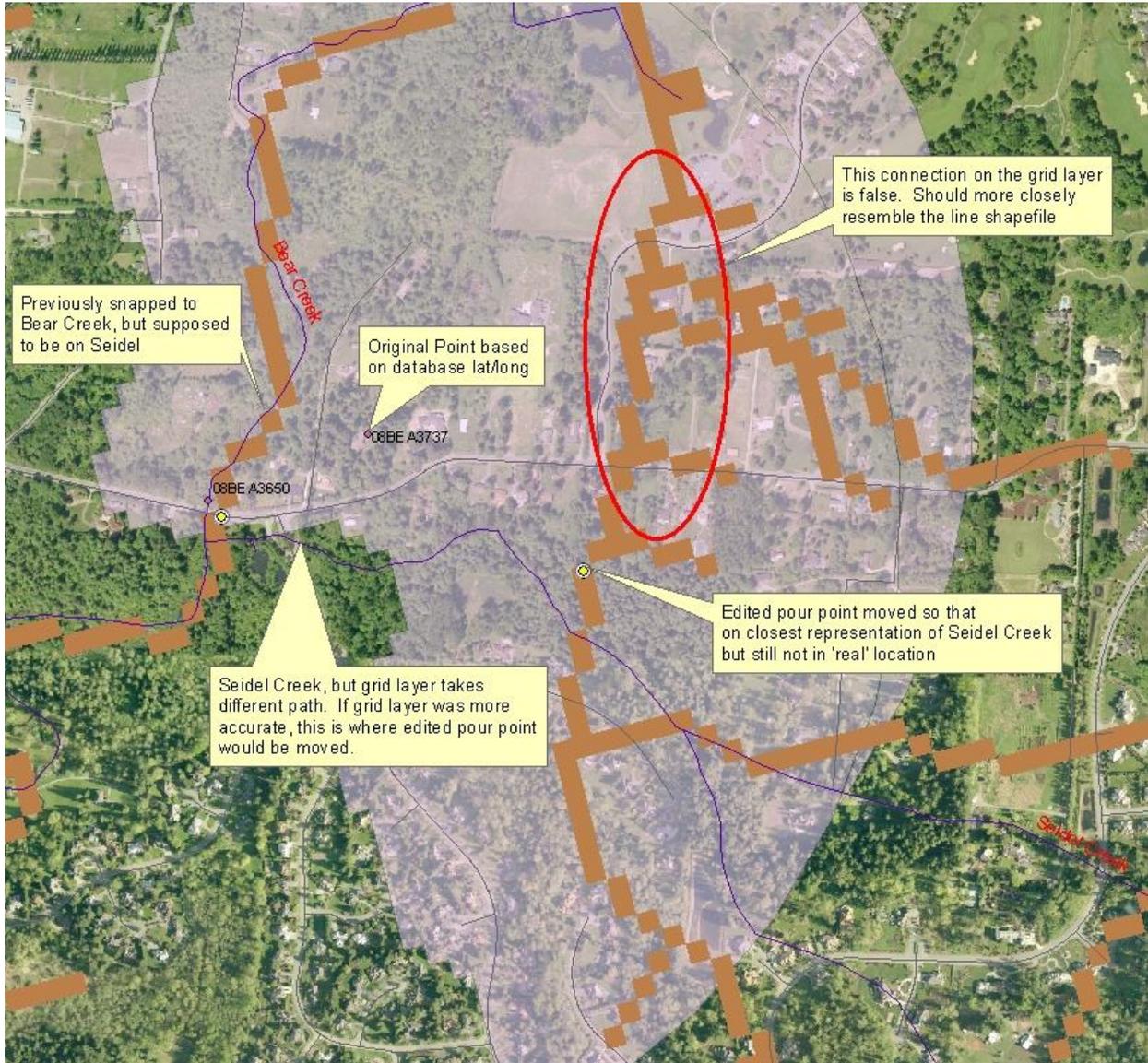


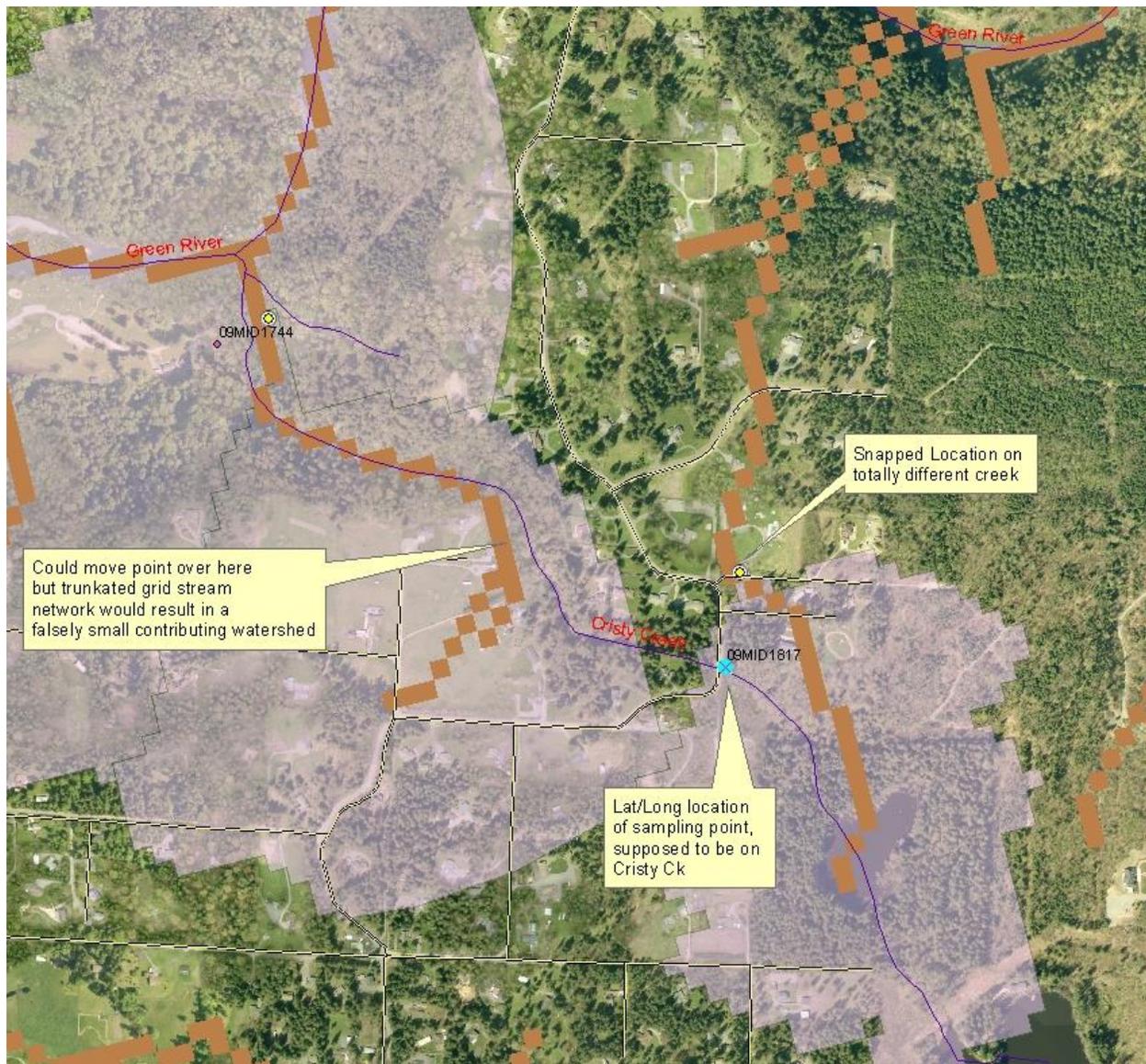
## Macroinvertebrate Watershed Delineation: Examples of Confusing Point Determinations

5/4/11 by Jo Wilhelm, King County

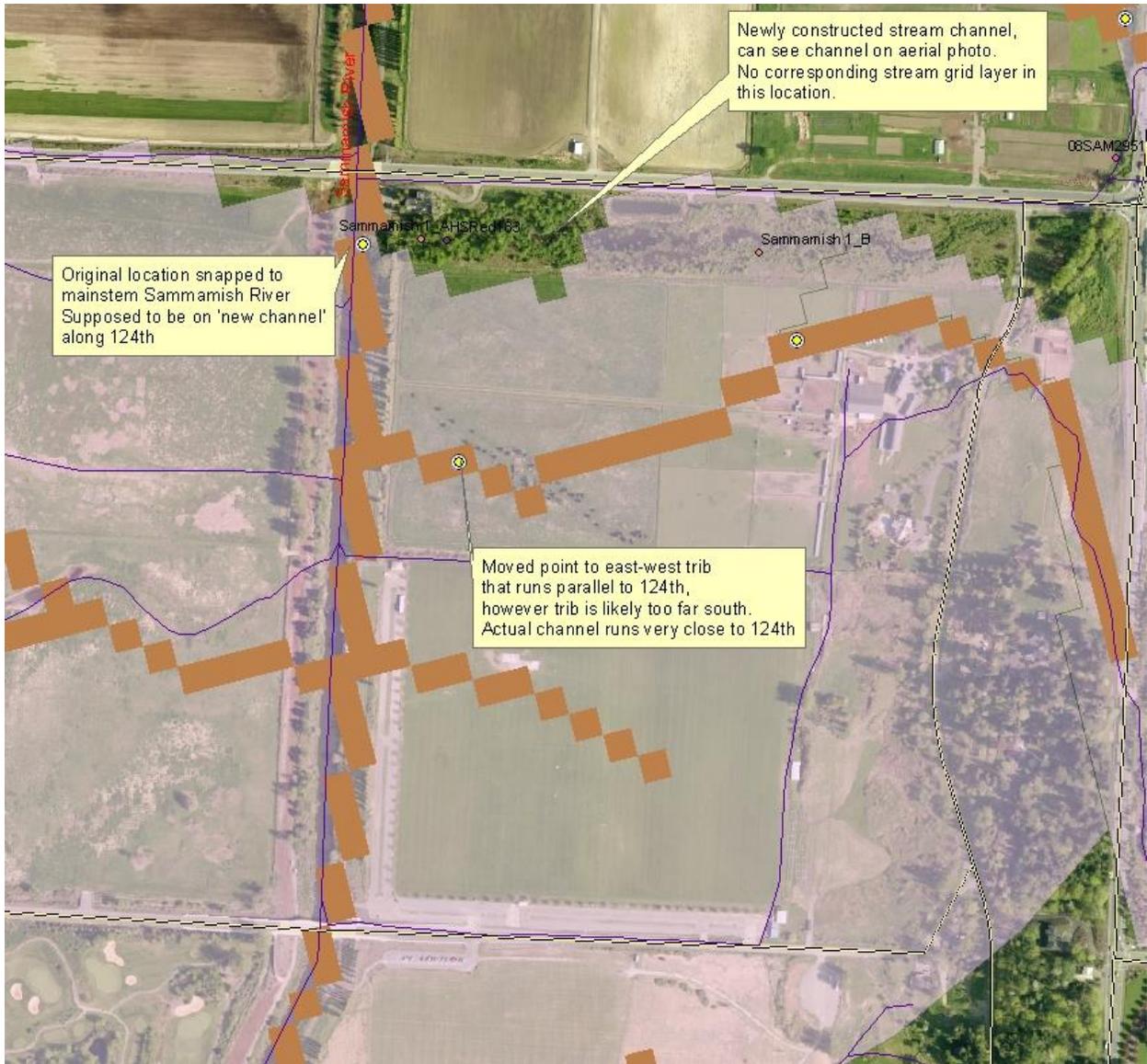
08BEA3737: supposed to be on Seidel Creek. However, it snapped to Bear Creek. In this case, the grid stream pattern is very different from the line stream layer. Going to move the point to the southeast, because this is the best approximation and puts the point on the correct stream channel. However, is there a way to correct the grid pattern when it is known to be erroneous?



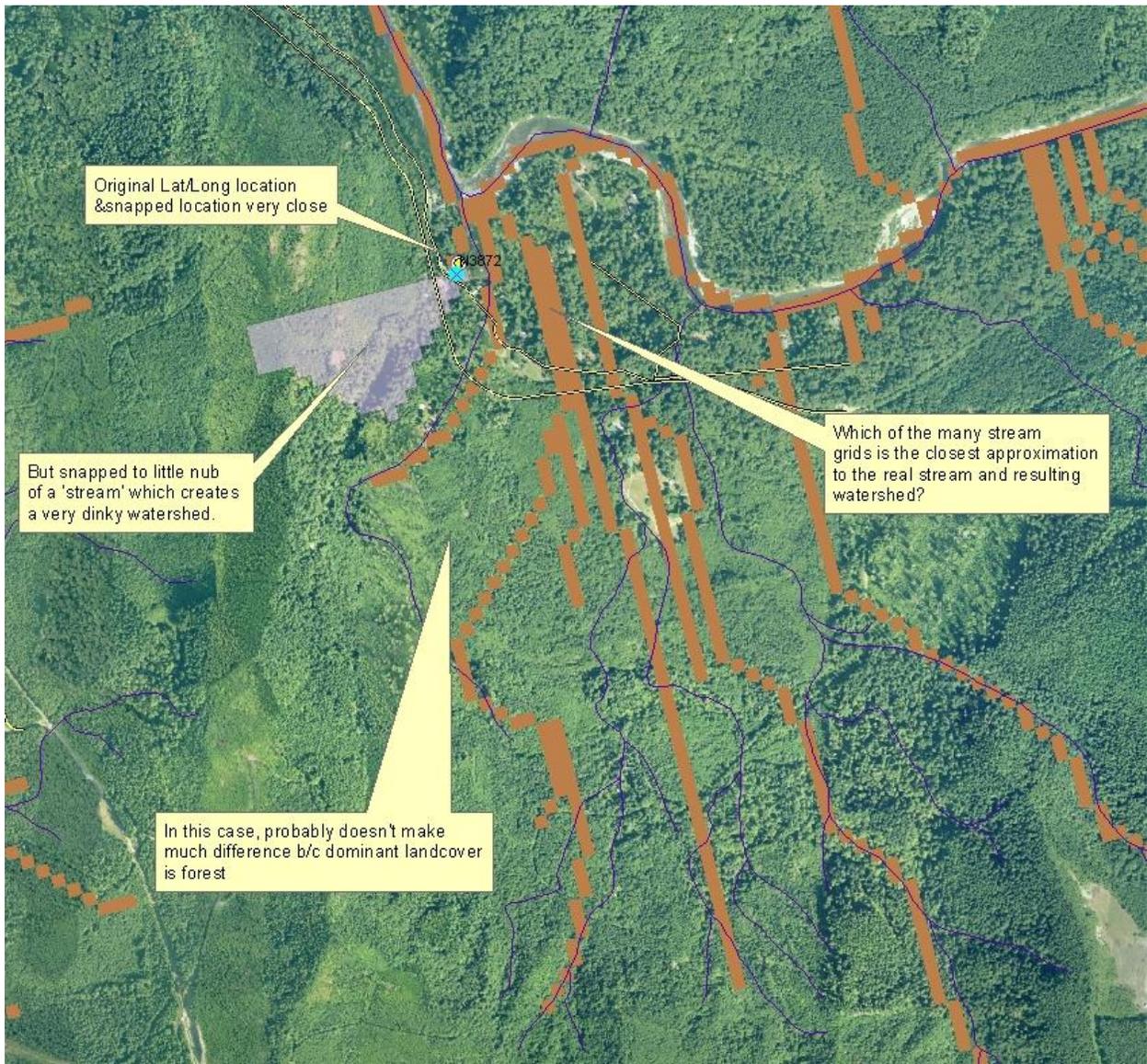
09MID1817: supposed to be on Cristy Creek. Grid stream layer is very different from line stream layer. Anywhere I would move the point to would result in a very different contributing watershed than the line layer.



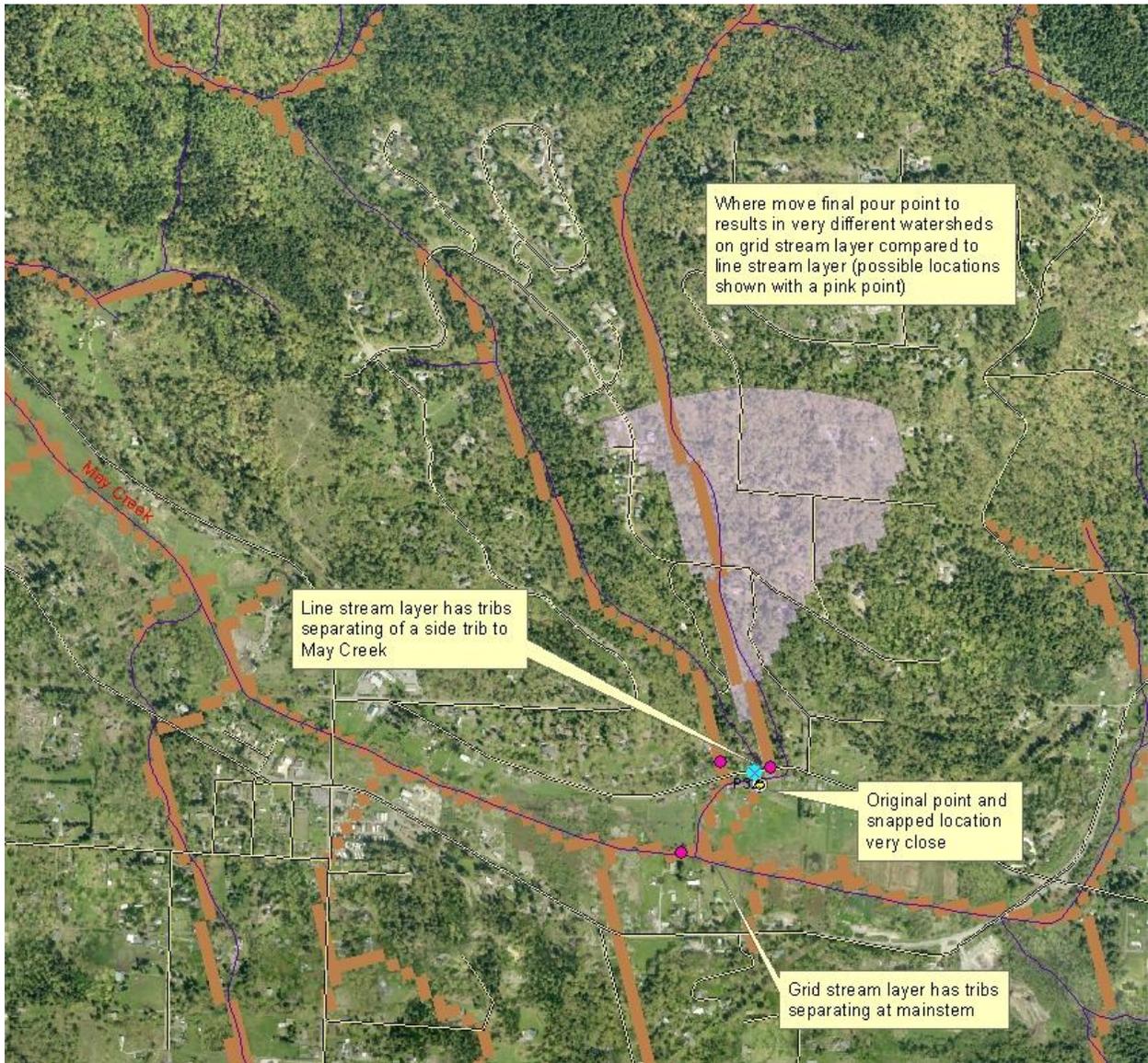
Sammamish 1A (KC Roads) & HSRed183: Site is on a newly constructed stream channel that runs parallel to 124<sup>th</sup>. However, there is no grid stream representation of this channel. Moved point to the south to the nearest east-west channel, but location is pretty approximate.



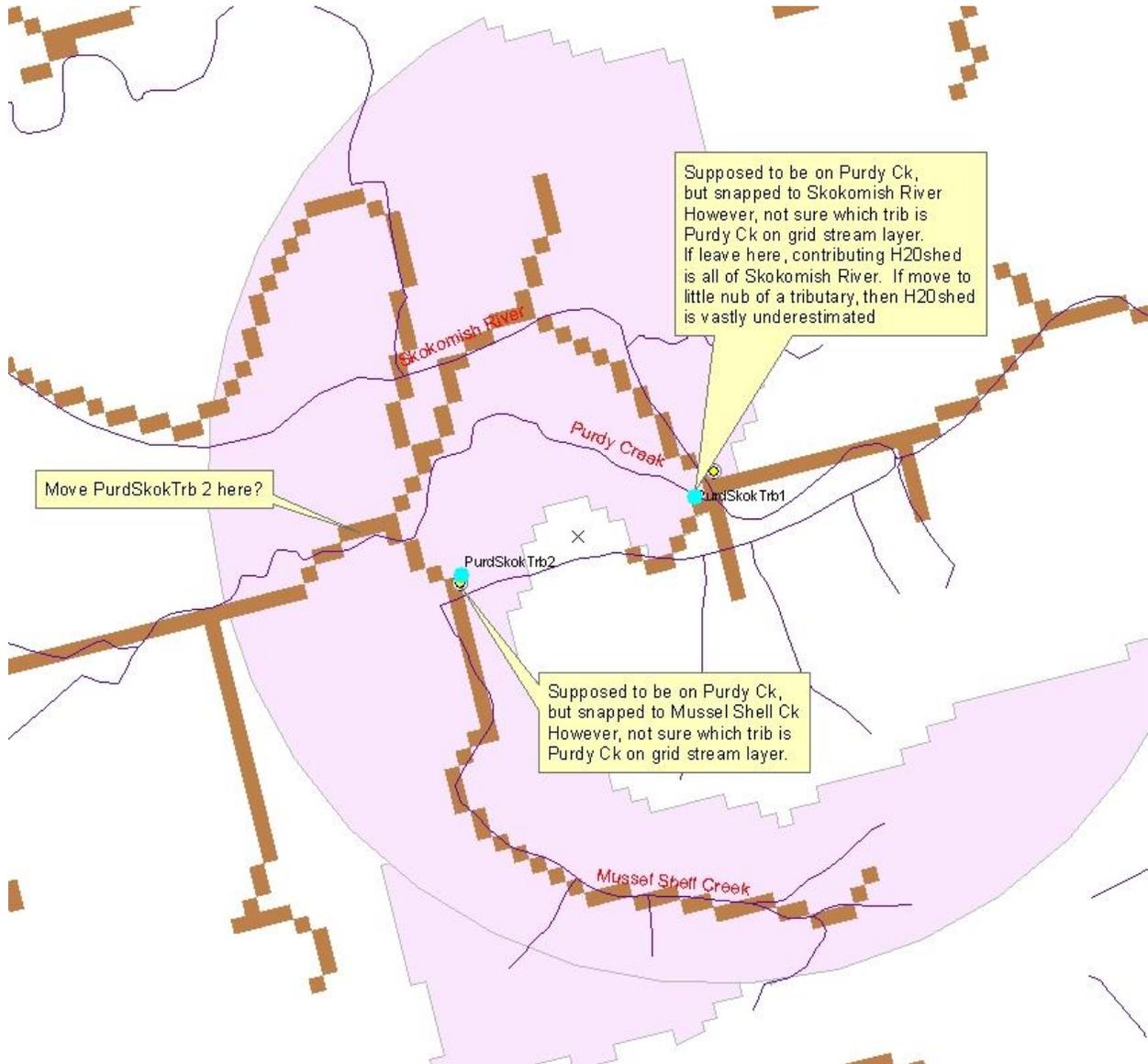
N3872: So many parallel grid lines, how do you select the 'correct' one?



P325: Line and grid stream layers fairly different. Ultimate location of pour point results in 3 very different watershed boundaries, which also differ from what would be derived from the line layer.



Purdy Creek confusion (Skokomish): The grid stream network is very different from the line stream network. PurdSkokTrb2 can be moved to approximate the correct contributing basin; however PurdSkokTrb1 I'm not sure what to do: Snapping it to the Skokomish River as it currently is will vastly overestimate the contributing basin; snapping it to one of the little trib nubs will vastly underestimate the contributing area.



Swift Creek: It looks like the grid data layer may be incorrect and therefore affects both Swift Creek points. The grid shows a trib coming from Vance Creek when it may be more accurate to have it come from Swift Creek. Therefore, the grid layer results in very different contributing watersheds than the line layer would.

