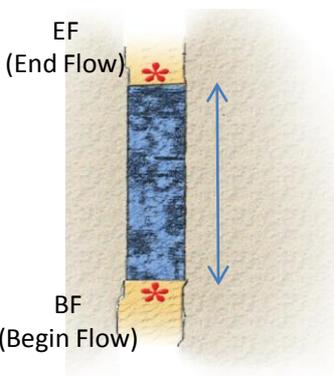
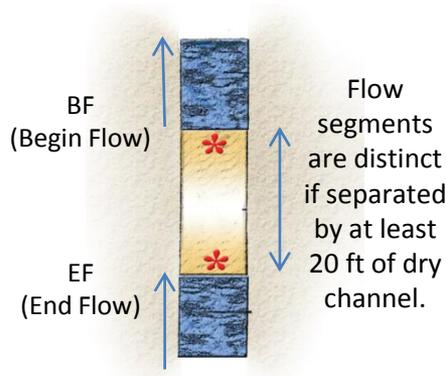


Begin and End Flow

✿ Take 3 GPS waypoints at each of these locations

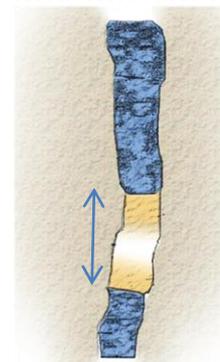


Simply mark the start and end of flowing segments that are at least 20 ft long. Anything less than 20 will be a pool.



Flow segments are distinct if separated by at least 20 ft of dry channel.

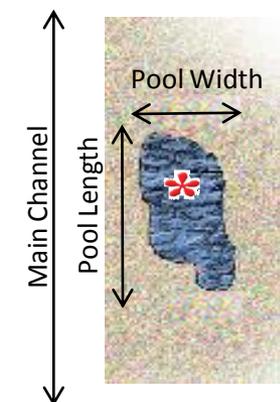
Intermittent Flow



Mark the flow at intermittent in the notes if the dry segment is less than 20 ft between two flowing segments, but no need to take GPS points.

This allows for variation of flow connectivity due to diurnal fluctuation in groundwater levels, indicated by signs of overnight flow, such as algae or moist soils.

Pools

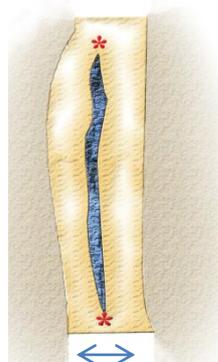


Take GPS of the middle of the pool, measure depth at the deepest spot, and approximate length and width relative to the main channel as shown.

Pools that are less than 5 feet diameter or less than 4 inches deep are not documented

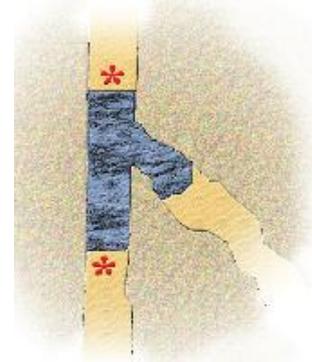
Tricky Situations

Flow Width



Channel width doesn't matter, only length.

Side Channels



Side channels don't need to be GPS'd but you can make a note on the datasheet.

Other Notes

- We use 20 feet (not 30) as a threshold because it captures more data and GPS technology has improved accuracy since the 30 ft rule was established.
- We are monitoring baseflow only (sourced from shallow groundwater, not recent runoff) so we conduct monitoring with at least 3 days after a rain event – water must be clear without evidence of run off.
- Remember it's the length, not width of channel, that counts!
- Please note erosion, aquatic wildlife, and any other interesting observations. More is more!
- Have fun, enjoy the stream!

