

Questions:

- If a section of river is dry, then it is neither ripple or pool?
 - No, that would only apply if its wet
 - Maybe organize it like a stick shift(?)
 - Maybe a toggle option for “undetermined” for riffle or pool
 - For undetermined, maybe a photo or a video needed to be included to be observed later
 - Pool / riffle toggle only unlocks if section is toggled to wet
- Can a section of river be both ripple and pool?
 - Nope

Notes:

- Use geolocation.watchposition() for GPS tracking - look up how to implement - MDN
- Maybe React won't work for the project? - Pastel
- First goal - make a single track that can be downloaded as a CSV
- Later - being able to have users store / download multiple tracks
- Make the scientists an example CSV file - they can pinpoint changes that way
- Editing tracks after data gathering - Why is this needed?
- Naming streams - Requires backend
 - Use Type ahead (widget) to autofill stream names
- POIs - limit them to a single photo
- Pause button - Give an explanation on what it is and what it does
- Toggles - maybe radio buttons instead? if we have too many options

Implementation - Use rails so Pastel can maintain app (recommended, not required).

- 1) Wet / dry mapping
- 2) Download new track to CSV file
- 3) Stream Naming - instructor login to name the stream
- 4) Add POIs to the track
- 5) Add a signal photo to the POI
- 6) User can have multiple tracks and downloads