Notes on data sets

- 3.1
  - I found 3.1 had less SSWS compared to 3.2
  - Also doesn't provide risk info
- 3.2
  - I found to be more up to date than 3.1
  - I would say this may be a good data set to use for plotting public water systems
  - However, it plots SSWS as boundaries, which may conflict with the tab 2 that plots them as points
- 3.3
  - Has water quality score estimate by census block group
    - No info on specific water systems
- 3.4
  - Provides well risk but doesn't categorize by well type
  - Emilu Houlihan pointed me to the updated version of this dataset (Water Quality Risk Final) , which also categorizes by well type (see last bullet)
- Data sets used for tab 2
  - [Water Quality Risk Final](#)
  - [SSWS data set](#)

Notes on R Shiny tool

- Issues
  - line 362: dplyr::filter(Intersection == TRUE)
    - very occasionally will cause app to crash, not sure why
- Additional changes to consider (things that I didn't get to)
  - Once a table is filtered, unable to unfilter the table besides changing boundary
    - Maybe add an unfilter button at the top of a table?
  - tab2 table column names can be more user-friendly
  - remove scrollbar for legend for SSWS bar chart
  - somehow adding the WCR data set with B118 field into tab 2
    - This would add about ~8 additional wells, a few of which are domestic
    - [dataset](#)
    - [storymap](#) where dataset can be accessed