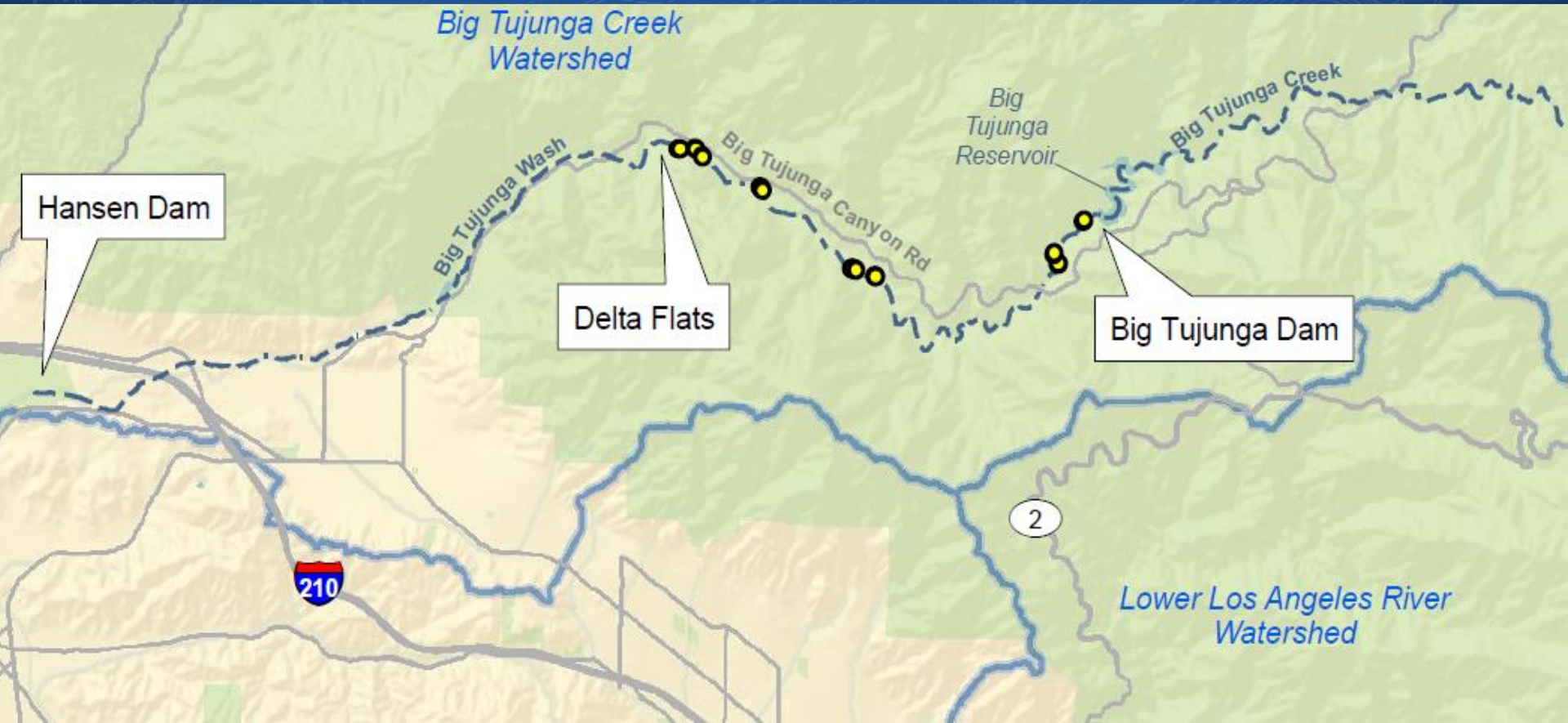


Survey Area

- Big Tujunga Dam to Hansen Dam 2007-2008
- Long-Term Monitoring reaches located between Big Tujunga Dam and Delta Flats



Snorkel vs. Electrofishing Comparison

Reach Number	Snorkel - Number Observed	Electrofishing - Number Captured
579	9	11
584	7	7
585	10	7
629	1	2
630	6	1
631	0	0
632	4	5

- A subset of 7 out of 22 reaches were snorkeled prior to electrofishing.

Pros/Cons of Snorkel Surveys

- Pros
 - Snorkel surveys can detect and count smaller fish which are underrepresented in electrofishing
 - Less disruptive to fish
 - Quicker, less staff needed
- Cons
 - Snorkel surveys do not provide data on measurements and weights so condition cannot be calculated
 - Difficult to identify and count fish in turbulent and shallow water (riffles), decreases confidence in counts
 - Difficult to use if there is a lot of vegetation
 - May be difficult to use if there are a lot of fish
- Additional surveys needed to further compare methodologies