# Workgroup Recommendations

## PE Well Projection Adjustments:

### King County:

* Include wells within City limits (may need to contact water service providers for information on the # of connection exemptions).

### Pierce County:

* Remove designated forest land from likely to have PE wells calculation for visualization/heat map.
  + Look for data on forest land conversion to single family residences (frequency, # of new homes in forest land). Have major developments gone in? Include in list of uncertainties if data is not readily available.

### Scenario related:

* Use two additional time frames to calculate high (1999/2000-2008) and low (2009-2018) rates of growth to provide a range, using the rate from 1999-2018 as the medium/middle range.
  + 1999-2008 saw the final permits of the pre-GMA rush, and the early 2000s housing boom. Generally high growth.
  + 2009-2018 saw the recession, and then rural building slowdown because of the Hirst decision.

### Heat map related:

* Generate heat maps on a WRIA by WRIA basis.

## Consumptive Use methods:

Method 1: Pierce County prefers to use Ecology’s recommendation for consistency and to save time.

Method 2: Look for water purveyors who charge a flat rate.

* Check with Satellite Management Agency for info on small systems.
* Everyone: send water purveyors with flat rate structure to Rebecca or HDR team.

Method 3 (Alternate Scenario): Run with 90% outdoor consumptive for sensitivity analysis.

* Provides a justification for safety factors.
* Ecology is developing safety factor recommendations.