Phase 1: Projection Method

Phase 2: Parcel Inventory

Filter well permit data for new, permit-exempt domestic wells (Group B & individual)

Filter well permit data by date range (ex: 1999-2008, 2009-2018, 1999-2018)

Map well locations (Join to parcels or use GPS. Maintain attribute data.)

Map additional parcel connections to PE wells (Group B only)

Spatial query to obtain totals by subbasin

Divide number of wells by years in range to derive annual rates (Connections per year)

Compare rates.

Determine which is most appropriate for projecting forward.

Multiply selected rates over 20-year planning horizon (By subbasin)

Number of PE wells forecast by subbasin

Compare forecast to Phase 2 totals



