

Section 2: System Description

Service Area Physical Description

Section 10631 (a)
#8¹. Describe the service area of the supplier.

General Guidance

- Include a GIS shapefile of the service area.
- Delineate any areas within the service area boundary that are NOT served by the water agency, for example, institutions served by a private well, or areas served by other water suppliers.
- Include any other maps that support the description of the system, for example, a map showing service area boundary changes, or a map that shows the service area boundary as compared to the municipal boundary (ies) of nearby city (ies).
- Describe any changes to the district, such as annexations or consolidations that have occurred from the beginning of the baseline period to the present.
- Any other information that assists in understanding the service area. Provide the name and number of each public water system included in the supplier’s service area.
- **Required Table** – Completion of Table 2 is required for all water agencies with Public Water Supply systems. This will be true for all retail suppliers and for some wholesale suppliers.

Table 2	
Water System Number	Water System Name

Utilities with Multiple Service Areas/Water Systems

Public utilities with multiple water systems will determine their eligibility for the reporting threshold by combining the service connections and/or the annual water deliveries from each water system. If the sum is above the UWMP submittal threshold (3000 AFY or 3,000 urban connections) the agency must report on all the water systems it services, regardless of size.

Private utilities with multiple water systems in a region shall group the water systems from that region and report as one entity. PLACEHOLDER FOR GUIDANCE FROM PRIVATE UTILITIES.

Guidance Specific to Retailers

- Consider including a narrative description of the proportion of the area built-out versus areas of future development.

Section 10631 (a)
#9. Describe the service area of the supplier, including... climate.

General Guidance

- Provide information on temperature and precipitation patterns.
- Describe the known and expected impacts of climate change. See Appendix F.
- Include any other information that assists in understanding the area’s climate and its impacts on water management.

Service Area Population

Section 10631 (a)
#10. Describe the service area of the supplier, including current and projected population . . . The projected population estimates shall be based upon data from the state, regional, or local service agency population projections within the service area of the urban water supplier and shall be in five-year increments to 20 years or as far as data is available .

General Guidance

- Provide the source(s) of the population estimates.
- **Required Table** – Table 3 is required of all agencies

Table 3					
Population - current and projected					
	2015	2020	2025	2030	2035
Retail Population Served					
Wholesale Population Served <i>(retailers are not required to complete this row)</i>					

Guidance Specific to Retailers

- Provide population estimates for the area served by the water distribution system(s).
- Retailers are not required to provide the population estimates for their wholesaler in Table 3.

- Current population estimates (2015) must be consistent with the estimates provided in Section XXX - Baselines and Targets, Table XXX.
- If the agency does not take population projections (2020, 2025 etc...) directly from a source, such as DOF, but uses a method to calculate these projections, please describe the method used.
- Include a narrative description, if applicable, on significant non-resident populations, such as a vacation population or migrant population.

Guidance Specific to Wholesalers

- Provide the sum of population estimates for all the retail water agencies served by the wholesaler.

Guidance for Agencies that are Both Wholesalers and Retailers

- Complete both rows of Table 3

Section 10631 (a)

#12. Describe the service area of the supplier, including. . . other demographic factors affecting the supplier's water management planning.

General Guidance

- Provide information that assists in understanding the area's demographics.

Guidance Specific to Retailers

- If the agency supplies an unusually large industrial, commercial, or institutional sector, please provide a description.
- Provide a description of the housing in the service area, for example, the mix of multi-family versus single family homes, large lots versus small lots, population density.
- Considered including a brief description of the economic demographics that may affect water use.