



Department of Public Works - Special Districts
Water and Sanitation

2020 Urban Water Management Plan County Service Area 70J Oak Hills

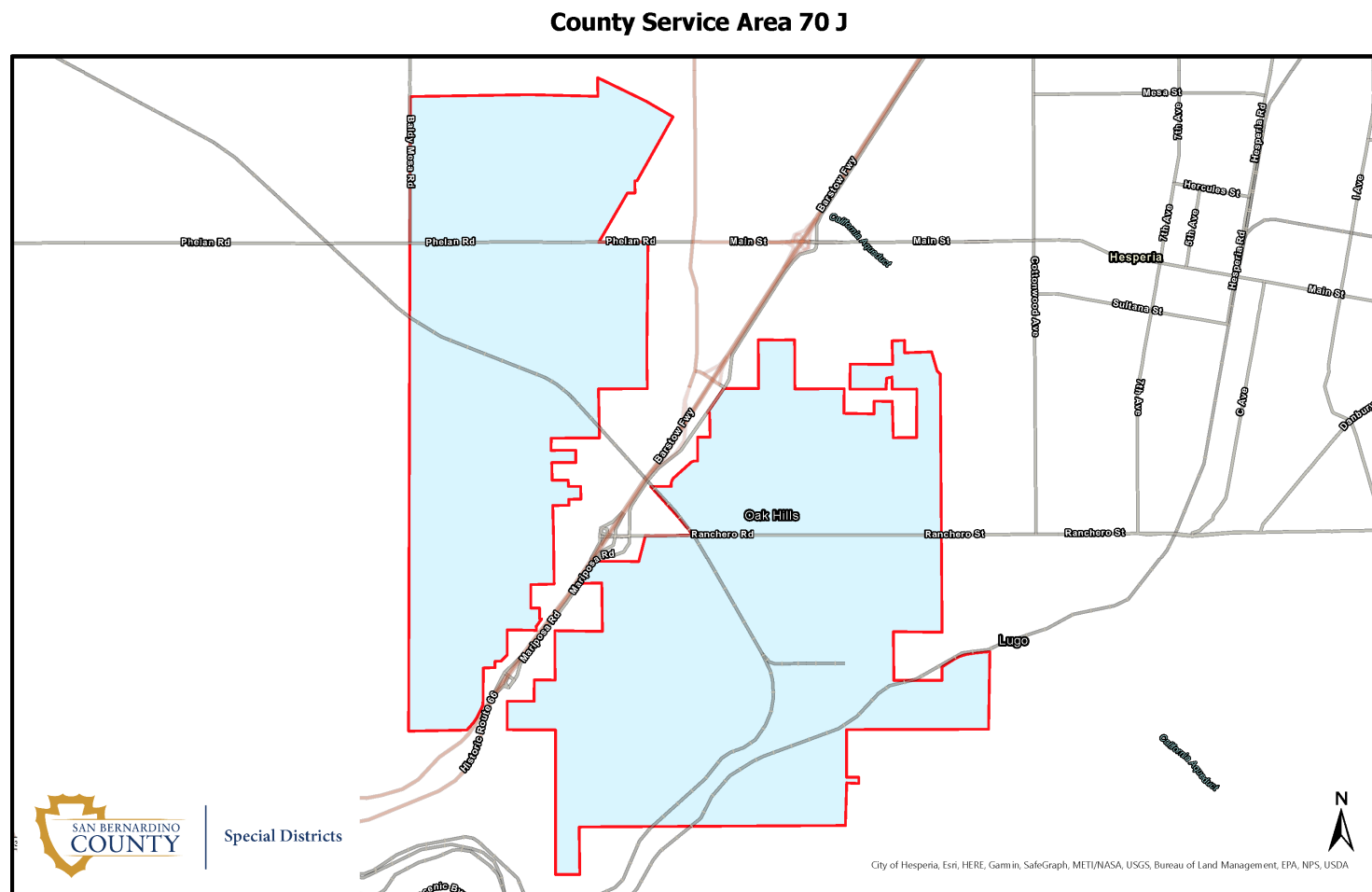
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Why complete a 2020 Urban Water Management Plan Update?

- Utilize the UWMP as a planning tool to supply sufficient water to support the community as well as buildout demands in future years.
- UWMP affirms we have efficient water supply plans and policies to ensure long term water conservation.
- UWMP helps us understand that well planned resiliency programs are important to support dry year demands and provide reliability.
- Develops a framework to evaluate and enhance the availability, reliability and quality of water supplies.
- Identifies gaps between supply and demand through time (20-year analysis required)
- **Due to State of California by July 1, 2021.**

CSA 70J Service Boundary Map



Water System Demands

Table ES-1. Historical and Current Water Uses by Use Sector (AFY)

USE TYPE	2016	2017	2018	2019	2020
Single Family	1,142	1,236	1,327	1,202	1,300
Multi-Family*	0	0	0	0	0
Commercial	13	14	16	14	15
Institutional/ Governmental	96	104	112	101	109
Losses	227	193	251	207	193
TOTAL:	1,478	1,547	1,705*	1,524	1,617**

* Note: Due to rounding errors, the summation of the use type demands is slightly off from the total for years 2025 and 2045.

**The multi-family water use is less than one but due to rounding it shows as zero.

CSA 70J serves potable drinking water to meet all municipal (residential and commercial) and industrial demands.

Including single-family residences, multi-family residences, parks, schools, and churches.

CSA 70J averaged 1,575 Acre-Feet per Year (AFY) of potable water.

Residential demand accounts for about 80% of the total demand.

Projected Water System Demands

Table ES-2. Projected Demands for Water (AFY)

DWR Table 4-2R

USE TYPE	ADDITIONAL DESCRIPTION	PROJECTED WATER USE				
		2025	2030	2035	2040	2045
Single Family		1,285	1,293	1,301	1,301	1,324
Multi-Family*		0	0	0	0	0
Commercial		15	15	15	15	16
Institutional/Governmental		108	109	109	109	111
Losses		222	223	225	225	229
-	TOTAL**:	1,630	1,640	1,650	1,650	1,680

*The multi-family water use is less than one but due to rounding it shows as zero.

**These numbers are from MWA's UWMP as they performed the water demand projection analysis.

Demands projected out to 2045.

Based on the expected population forecast. The demands for each water use category are projected to remain steady through 2045.

Total demand is predicted to increase by about 3.9%.