

## Water Required to Meet AMBAG 2022 Regional Growth Forecast

Water Required for Population Growth<sup>1</sup>

	Monterey	Pacific Grove	Carmel-by-the-Sea	Sand City	Seaside	Del Rey Oaks	County <sup>2</sup>	TOTAL
Population in 2020	28,170	15,265	3,949	385	33,537	1,662	8,916	<b>91,884</b>
Population in 2045	29,639	15,817	3,984	1,198	38,316	2,650	9,916	<b>101,520</b>
Increase	1,469	552	35	813	4,779	988	1,000	<b>9,636</b>
GPCD <sup>3</sup>	59.8	59.8	59.8	59.8	59.8	59.8	59.8	<b>59.8</b>
Acre-Feet By 2045	98 AF	37 AF	2 AF	54 AF	320 AF	66 AF	67 AF	<b>644 AF</b>

\*: Likely overstates population growth in Cal-Am service area due to some growth attributable to the Fort Ord build-out.

Water Required for Employment Growth<sup>4</sup>

	Monterey	Pacific Grove	Carmel-by-the-Sea	Sand City	Seaside	Del Rey Oaks	County <sup>5</sup>	TOTAL
Jobs in 2020	40,989	8,016	3,566	2,092	10,476	748	4,300	<b>70,187</b>
Jobs in 2045	45,509	8,445	3,915	2,259	11,543	834	4,721	<b>77,226</b>
Increase	11.0%	5.4%	9.8%	8.0%	10.2%	11.5%	9.8%	<b>10.0%</b>
Commercial Consumption In 2019 <sup>6</sup>	1,371 AF	248 AF	203 AF	54 AF	282 AF	21 AF	651 AF	<b>2,830 AF</b>
Commercial Consumption In 2045 <sup>7</sup>	1,522 AF	261 AF	223 AF	58 AF	311 AF	23 AF	715 AF	<b>3,113 AF</b>
Increase	151 AF	13 AF	20 AF	4 AF	29 AF	2 AF	64 AF	<b>283 AF</b>

Using this methodology, the total water demand increase in the 25 year period is 927 AF or 37.1 AFY.

<sup>1</sup> Association of Monterey Bay Area Governments. November 11, 2020. "Final Draft 2022 Subregional Growth Forecast." Attachment 2, page 32

<sup>2</sup> Uses Cal-Am service area population reported in SWRCB June 2014 – November 2020 Urban Water Supplier Monthly Reports (Raw Dataset), minus urban areas. Estimate 1,000 added by 2045.

<sup>3</sup> SWRCB June 2014 – November 2020 Urban Water Supplier Monthly Reports (Raw Dataset); Average gallons per capita per day for December 2017 – November 2020; [www.waterboard.ca.gov](http://www.waterboard.ca.gov)

<sup>4</sup> Association of Monterey Bay Area Governments. 2018. "2018 Regional Growth Forecast." Table 7, page 30

<sup>5</sup> California Employment Development Department, Monthly Labor Force Data for Cities and Census Designated Places. November 15, 2019. Sum of Carmel Valley Village CDP and Del Monte Forest CDP. Escalated at same rate as Carmel-by-the-Sea.

<sup>6</sup> Cal-Am. 2019. "Customers and Consumption by Political Jurisdiction"

<sup>7</sup> Assumes escalation at same rate as job growth 2020 to 2045

Market Absorption of Water Demand Compared to Water Supply  
Current Demand at 5-Year Average thru 2019  
AMBAG 2022 Regional Growth Forecast  
(Acre-Feet)

