

# 6. Total Water Use

This section summarizes the total annual groundwater and surface water used to meet municipal, agricultural, and rural demands within the Basin. For WY 2024, the quantification of total water use was completed from reported metered municipal water production and metered surface water delivery, and from models used to estimate agricultural and rural water demand. **Figure 11** displays the annual water use by source for the 2017 to 2024 period. **Figure 12** displays the annual water use by sector for the 2017 to 2024 period. The method of measurement and level of accuracy for each estimate is rated on a qualitative scale of low, medium, and high.

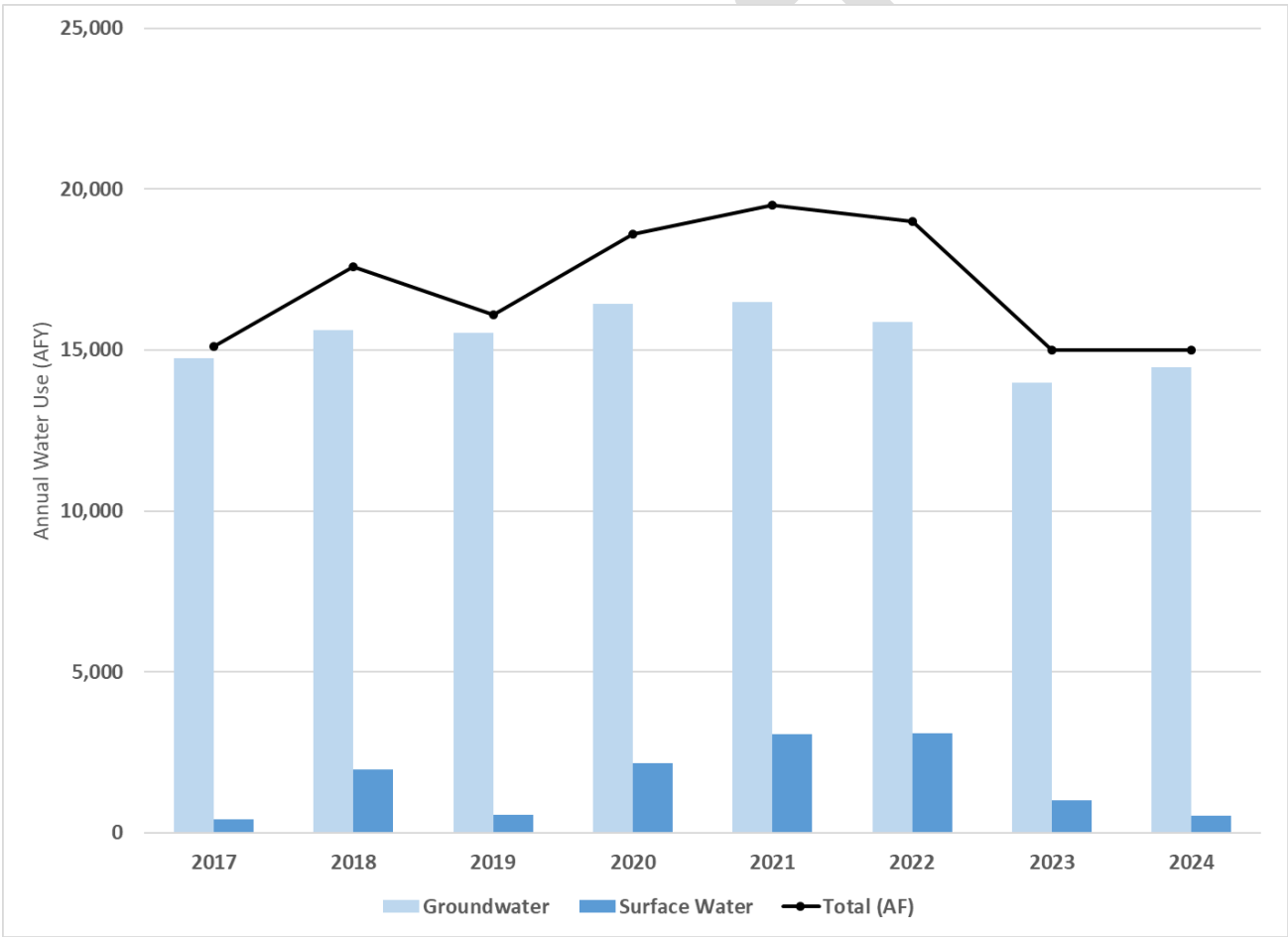
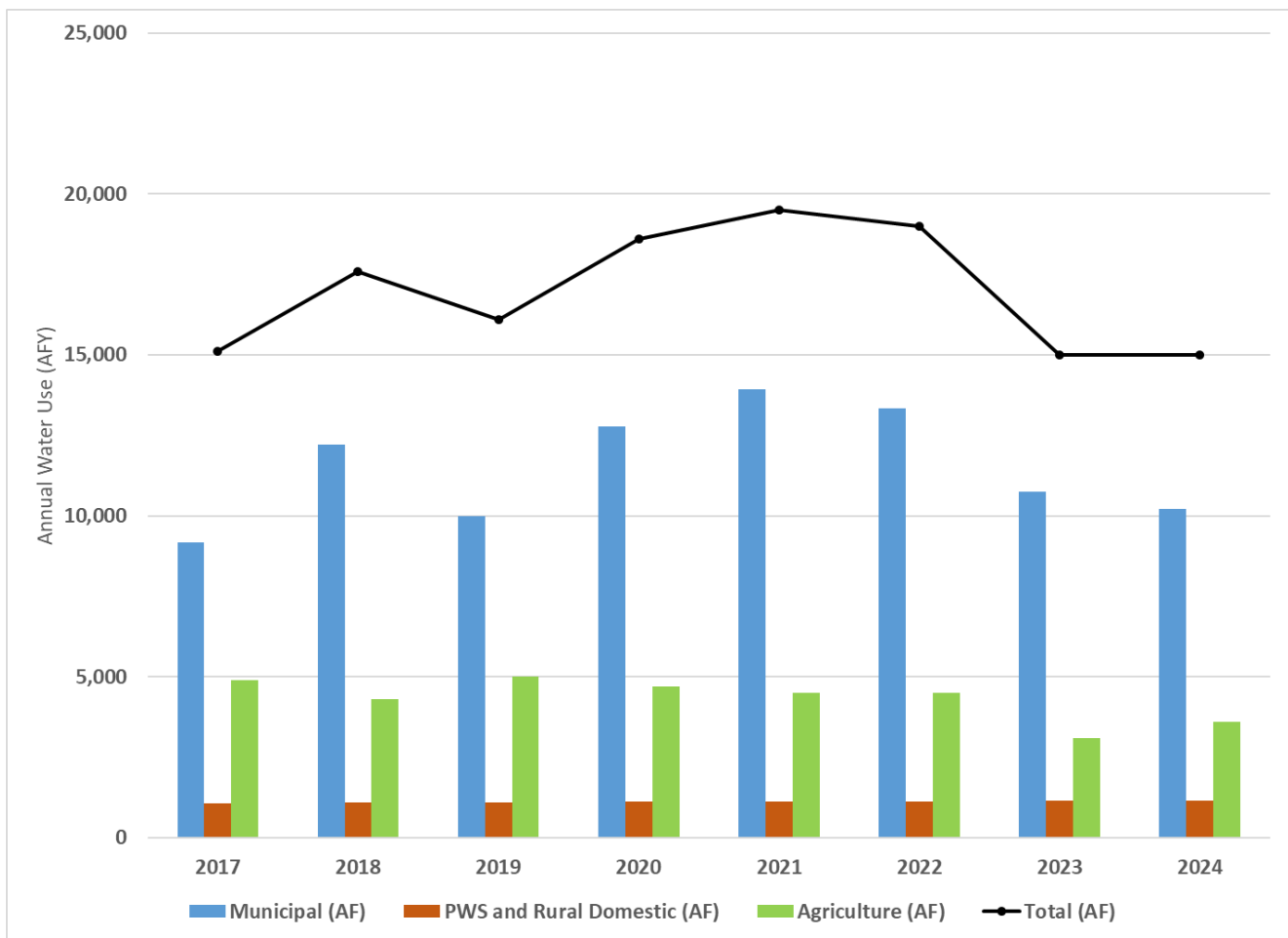


Figure 11: Water Use by Source



**Figure 12: Water Use by Sector**

**Table 8** summarizes the total annual water use in the Basin by source and water use sector. The method of measurement and level of accuracy for each estimate is rated on a qualitative scale of low, medium, and high.

**Table 8: Total Annual Water Use by Source and Water Use Sector**

Water Year	Municipal (AF)		PWS and Rural Domestic (AF)	Agriculture (AF)	Estimated Total (AF)
Source:	Groundwater	Surface Water	Groundwater	Groundwater	
2017	8,760	408	1,080	4,900	15,100
2018	10,227	1,974	1,091	4,300	17,600
2019	9,442	560	1,102	5,000	16,100
2020	10,611	2,176	1,113	4,700	18,600
2021	10,860	3,061	1,123	4,500	19,500
2022	10,242	3,088	1,135	4,500	19,000
2023	9,741	996	1,146	3,100	15,000
2024	9,961	526	1,159	3,600	15,000
Method of Measure:	Metered	Metered	2016 Groundwater Model	Soil- Water Balance Model, OpenET (2021 and 2022 only)	
Level of Accuracy:	high	high	low-medium	medium	

**Notes:**

AF = acre-feet

PWS = public water systems

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