

Municipal Water Demand

West Basins Planning Area
Stakeholders Meeting
October 5, 2016

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PROTECTING
ARIZONA'S WATER SUPPLIES
for ITS NEXT CENTURY

Notes From Previous Meeting

- Multiple stakeholders commented that water use for RV Parks should be represented, as a large portion of the population are seasonal residents.
- Water use for these RV Parks has been accounted for in the **Industrial Demand** sector for the following reasons:
 - RV Parks are listed as an industrial use in the AMAs.
 - RV Parks can be listed separately in the industrial demand instead of lumped into one figure in municipal.

List of Abbreviations

- GPCD = Gallons Per Capita Per Day
 - The gallons of water used by a single person in a single day
- ACC = Arizona Corporation Commission
- CWS = Community Water Systems

Methodology

- Data Set

- ACC and CWS data were averaged together for reporting years 2012-2015 to calculate a baseline GPCD

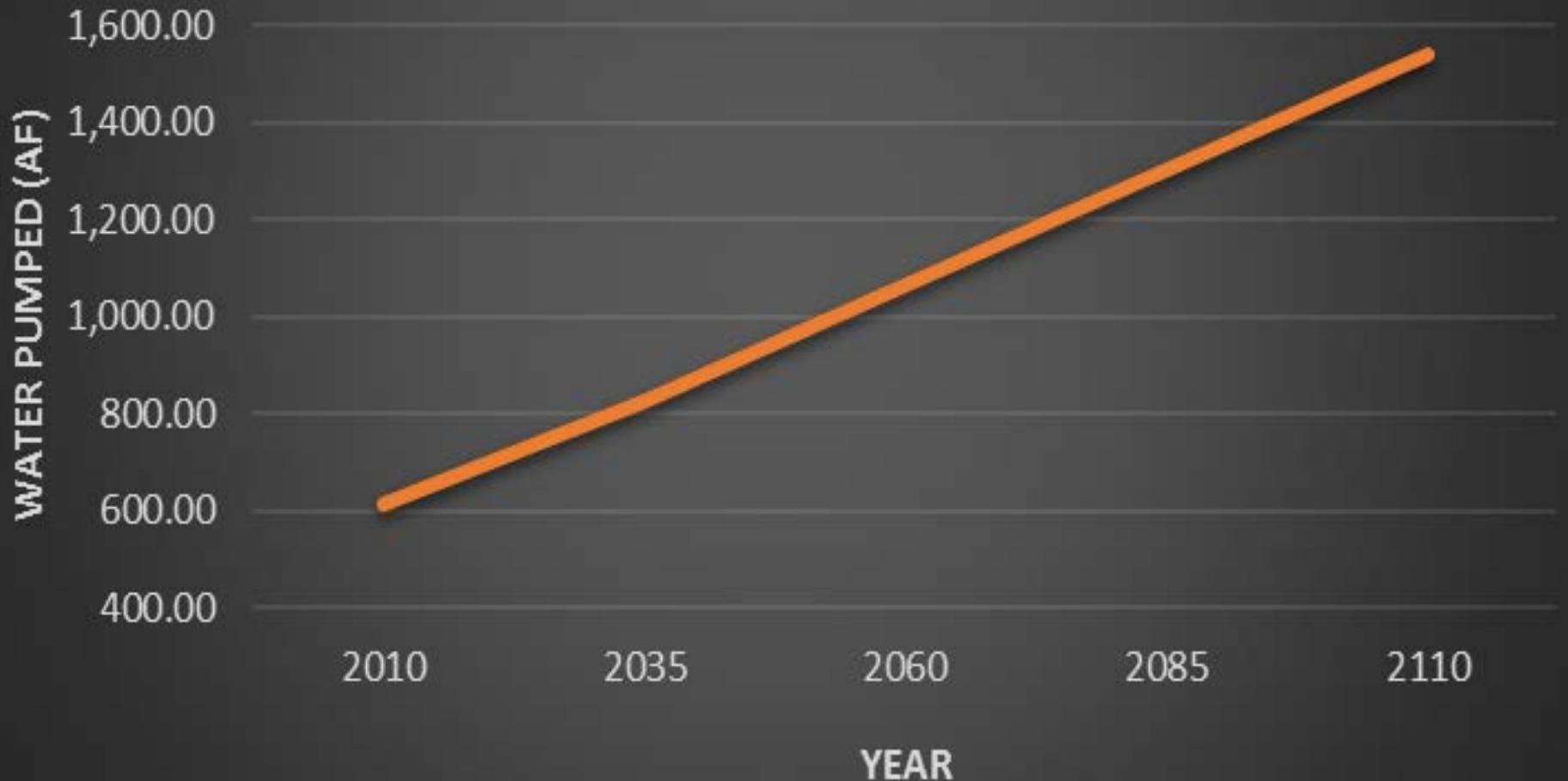
- GPCD

- Baseline GPCD = 87
- GPCD was projected to remain the same

- Projection

- The projected GPCD was then applied to the US Census population projections to calculate the projected annual water use

West Basins Municipal Water Demand Projections (2010-2110)



Projections

Year	GPCD	Population	AF/Year
2010	87	6,289	612
2035	87	8,518	829
2060	87	10,957	1,066
2085	87	13,405	1,304
2110	87	15,952	1,543

Questions?

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