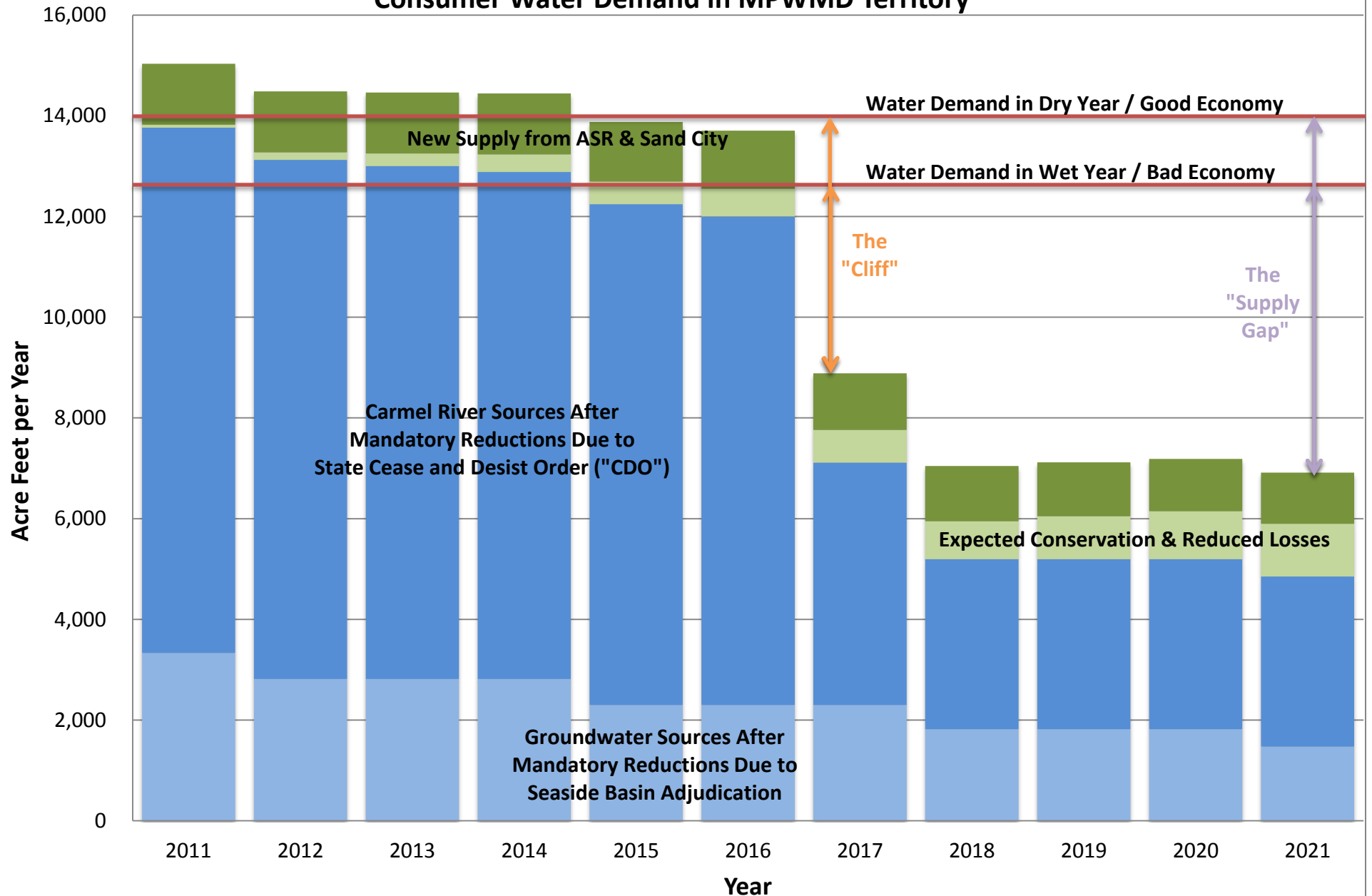


Legally Available Water Supply in MPWMD Territory

Compared to

Consumer Water Demand in MPWMD Territory



Key Issues Surrounding Planning Target Demand Assumption:

- Planning year with lower water demand value indicates smaller gap to fill
- Planning year with higher water demand value indicates bigger gap to fill
- More aggressive assumptions about conservation or reduction of system losses indicates smaller gap to fill
- Less aggressive assumptions about conservation or reduction of system losses indicates larger gap to fill
- Both economic conditions and weather affect water demand

Example Water Demand Years:

WY 2007 = Good economy / critically dry year: 14,100 AF demand

WY 2010 = Weak economy / wet year: 12,400 AF demand

Key Issues Surrounding Resources Available to Offset Unlawful Diversions:

- Critically dry year will reduce efficacy of ASR
- Sand City desalination allocates only 94 AF to unlawful diversions; Remainder can be “reclaimed” for growth
- Future demand reductions due to conservation and reduction of system losses
- Reliability needs (e.g. “Peak Month”)
- Replacement of accumulated deficit in Seaside Basin

**Summary of Approximate Yields
MPWMD Water Supply Projects in Progress**

Project Description	Expected Yield	Potential Yield
Water Project 1 – Phase 1 Aquifer Storage and Recovery (<i>see note A</i>)	Reflected in Chart	Reflected in Chart
Water Project 2 – Phase 2 Aquifer Storage and Recovery	1,000 AF	4,000 AF?
Water Project 3 – Local Desalination Plant	2,000 AF	3,500 AF?
Water Project 4 – Support Groundwater Replenishment	2,700 AF	2,700 AF
Water Project 5 – Expand Los Padres Reservoir Capacity (<i>see note B</i>)	851 AF	1,500 AF?
Total, Excluding Installed Phase 1 ASR	6,581 AF	11,700 AF

Notes: (A) Water Project 1 – Phase 1 ASR already on-line with stated capacity of 920 AF
 (B) Water Project 5 – Expand Los Padres Reservoir Capacity -- Dredging requires 1,255 AF of sediment removal to restore 1948 water right, but yields only 851 of water allocable to unlawful diversions. Rubber dam or raising dam height also considered.