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2013 Comprehensive Water Resources Report

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City Council Presentation
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Water Today

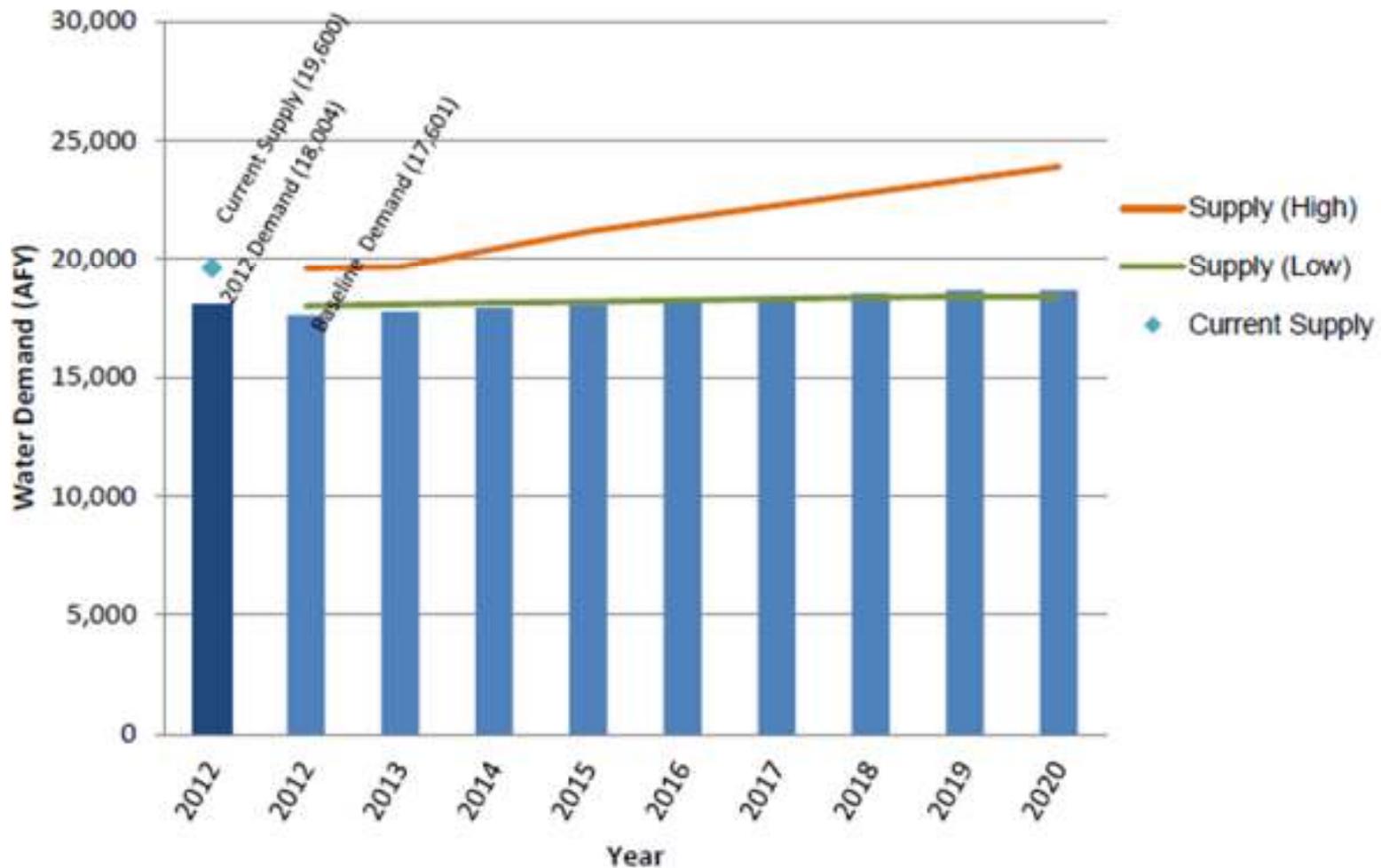
- **Supply**
- **Demand**



Future Projections

- **Estimated supply sources ranges (high and low)**
- **Calculated local demand factors**
- **Quantified demand for approved development**
- **Absorbed approved development through 2019**
- **Excluded pending projects**

Demand vs Supply Projection



Policies for Progress

- Integrate City-specific demand factors into process
- Consistency and transparency

Land Use	General Plan Demand Factor	Proposed Ventura Demand Factor
<i>Residential</i>	<i>450 gpd/du</i>	
Residential 0 - 8 du/acre		370 gpd/du
Residential 9 - 20 du/acre		250 gpd/du
Residential 21+ du/acre		250 gpd/du
<i>Retail</i>	<i>250 gpd/ksf</i>	
<i>Office</i>	<i>250 gpd/ksf</i>	
<i>Industrial</i>	<i>315 gpd/ksf</i>	
Commercial/Retail/Industrial/Hotel Public/Institutional		265 gpd/ksf
<i>Hotel</i>	<i>500 gpd/ksf</i>	
Hospital/Assisted Living		545 gpd/bed
Park/Landscape/Irrigation		2,000 gpd/acre

Policies for Progress

- Institute “Water Demand Impact Summary”
- Current supply conditions snapshot

Land Use Type	Units	Demand Factor	Total Average Demand	AFY Demand
Residential (0-8) du/ac	85	370 gpd/du	21.84 gpm	35.23
TOTAL PROJECT DEMAND (AFY)				35.23
TOTAL PROJECT WATER RIGHTS (AFY)				0
a.	Baseline (existing demand + approved projects) Demand (AFY)			18,643
b.	All Projects Approved Since Jan 1 Demand (AFY)			200
c.	All Conceptual Projects in Planning Process Demand (AFY)			200
	Cumulative Projects (a+b+c) Demand (AFY)			19,043
	Current Supply (plus additional water rights acquired since Jan 1 (AFY)			19,625
	Remaining Available Supply (AFY)			782
	Additional Supply (Water Rights) Acquired Per this Project (AFY)			0
	Available Supply			782

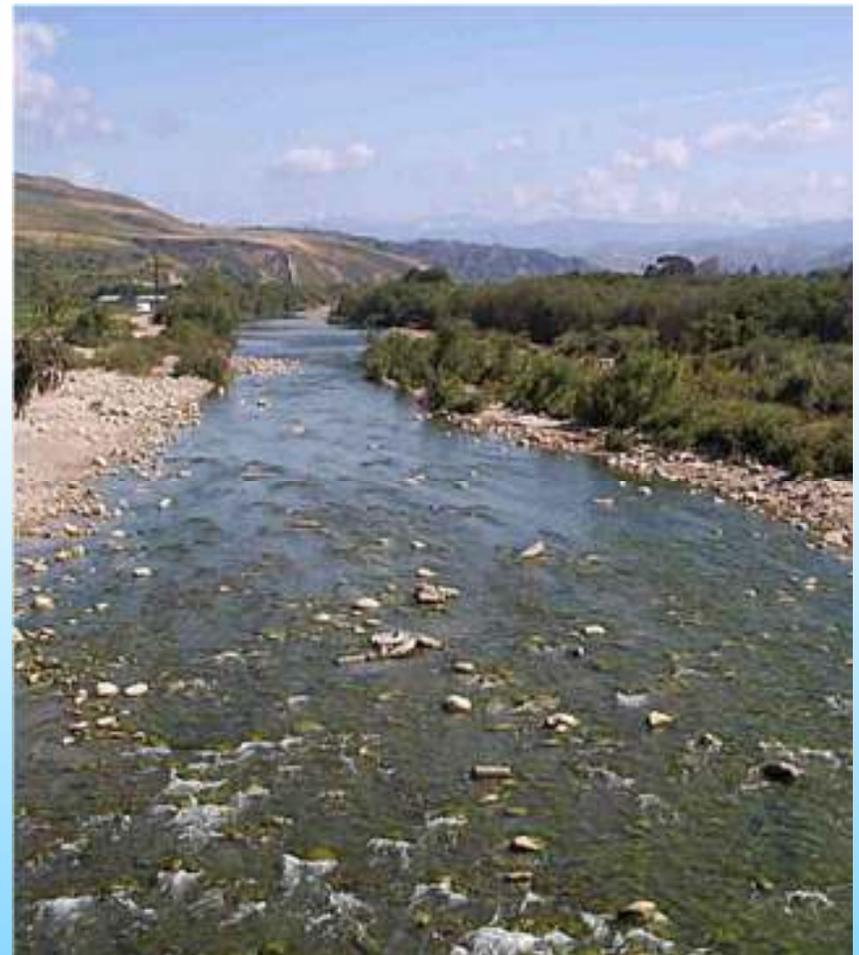
Policies for Progress

- **Annual update**
 - **local demand factors**
 - **water supply status**
 - **total proposed development water impacts**
 - **supply/demand projections**



Develop Water Supply

- **Demand management**
- **Water rights**
- **Propose in-lieu fee ordinance**
- **Integrated water management**



Recommendations

- a. Approve the 2013 Comprehensive Water Resources Report;**
- b. Direct staff to provide an annual update on the City's projected water supply and demand;**
- c. Direct staff to use the local water land use demand factors for the evaluation of all development;**

Recommendations

- d. Direct staff to use the standardized “Water Demand Impact Summary” matrix to quantify the water supply demand of each individual project and the cumulative water supply demand of all approved projects; and**
- e. If desired, provide policy direction to meet long-term supply and demand beyond the five-year planning horizon.**