



2015 Urban Water
Management Plan
City Council - June 14, 2016



CITY OF
FOLSOM

2015 UWMP Background



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- Previous UWMP completed in 2010
- Required by California Water Code Section 10610
 - If not completed, not eligible for DWR Grants
- Must include Senate Bill x7-7 Water Use Reduction Target (20% by 2020)

UWMP Contents



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- Introduction
- System Description
- System Supplies
- System Water Use
 - Baselines and Targets (SBx7-7)
- Demand Management Measures
- Water Supply Reliability
- Water Shortage Contingency Planning

System Water Use – Water Service Area



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Land Use Category	2015	2020	2025	2030	2035	2040	Build Out
Single-Family	10,241	10,743	11,245	11,753	12,262	12,776	13,540
Multi-Family	1,723	1,822	1,921	2,078	2,292	2,623	3,655
Commercial	4,346	4,846	5,465	5,557	5,650	5,650	5,650
Industrial	783	960	1,074	1,074	1,074	1,074	1,074
Schools	542	763	983	983	983	983	983
Parks	696	1,158	1,621	1,755	1,889	1,889	1,889
Municipal	756	763	769	769	769	769	769
Unaccounted Water (at 10%)	1,909	2,083	2,308	2,397	2,492	2,576	2,756
Aerojet Raw Water	1,135	2,731	2,731	2,731	2,731	2,731	2,731
Unaccounted raw water (5%)	N/A	137	137	137	137	137	137
TOTAL	22,130	26,784	28,252	29,234	30,279	31,208	33,184

Senate Bill x7-7



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- 20% water use reduction by 2020
- Ten year baseline of water use (1996-2005)
- Original target revised due to census data
- Calculated in gallons per capita per day (GPCD)

Baseline Period	Baseline Value		2015 Interim Target		2020 Target	
	Original	Revised	Original	Revised	Original	Revised
1996-2005	429	440	386	396	343	352

Water Supply Reliability – Water Service Area



Entitlement / Contract	Supply Amount (AF)	Reliable Supply (AF)	Dry-Year Supply (AF)
Pre-1914	22,000	22,000	22,000
Pre-1914	5,000	5,000	5,000
CVP	7,000	5,250 ¹	3,500 ²
GET A/B	3,250	3,250	3,250
Ashland - SJWD	1,540	1,000	1,000
TOTAL	38,790	36,500	34,750
Build-Out Demand	33,184	33,184	33,184
Surplus/(Deficit)	5,606	3,316	1,566

1. Based on 75% of CVP supply
2. Based on 50% of CVP supply

Water Shortage Contingency Plan



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- Water Forum Agreement
 - Equivalent exchange of water reduction under each of the three stages
- City of Folsom Ordinance 1118
 - Folsom Municipal Code 13.26 – Water Conservation
- Water Conservation Division
- CUWCC Best Management Practices
- Interties with other agencies
- **City can meet demands in dry years**

Summary



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- UWMP meets DWR requirements
- City is meeting Interim and Target GPCD
- **City can meet demands in dry years**
- Adopt 2015 UWMP by July 1, 2016
- Next update to UWMP - 2020