



Sustainable Clarkdale

Water Resource Management Program

05/14/2013



Our Vision – To be an evolutionary solution for a sustainable community.



Gayle Mabery,
Town Manager

Town of Clarkdale



Sustainability – Economy, Culture & Environment



Meeting the needs
of the present
without
compromising the
ability of future
generations to
meet their own
needs.





Water: The Key to Growth, Culture and Economy

Water = The single most important issue affecting the growth, culture and economy of Clarkdale.

Legal Rights to:

- use water as a factor in guiding development
- encourage water conservation
- ensure long term sustainability of resources





Water - Critical to Clarkdale's Sustainability

Clarkdale residents voted to allow the Town to provide a water utility in March, 2000.

Town acquired the local water company in January, 2006.

Per capita water use has dropped from 141 gpcd in 2004 to 66 gpcd in 2012.





Water – Incremental Steps Along the Path



- Tiered Water Rate Structure
- Drought and Water Shortage Preparedness
- Demonstration Projects – Centennial Plaza
- Replacement of Aging Infrastructure
- Funding for Water Conservation; Water Resource Development and Regional Organizations
- Adoption of Town's General Plan – Instilling a Culture of Sustainability – March, 2012
- SB1575 – Adequate Water Supply Requirements





Water Resource Management Program (WRMP)

The Natural Next Step in the Process

- Two year project
- Funded by the Walton Family Foundation and by Water Conservation Funds
- Expertise from the University of Arizona, Water Resources Research Center and Lacher Hydrological Consulting





Science & Options

Focus Areas of Project:

- **Public Education**
- **Hydrology** – Lacher Hydrological Consulting
 - Refined model and projections
 - Water supply and demand
- **Facilitated research & deliberation process** - WRRC
 - Experts & Best Practices



Valuing our Past, Looking Towards our Future

