

GOAL 1 - MAXIMIZE EFFICIENCY OF WATER USE

**Working Group
Recommendations**

April 2010

Improvements to Water Infrastructure

Short Term - Encourage local gov'ts. & others to:

- Implement leak detection systems (report to CWB by Oct.15, 2010)
- Expand incentives for plumbing fixtures to other water saving products (report back by Oct. 15, 2010)

Improve Water Demand Management

Short Term - Encourage MOE to include under WAM:

- Licensing of wells
- Metering for surface and well licenses (size related)
- Water conservation requirements
- Ecological services & habitat conservation as a primary use
- Cancelling of unused licenses
- Reserving of unallocated stream water for conservation (request MOE presentation on WAM to CWB May 2010 and subsequently comment)

Improve Water Demand Management cont'd

- Request installation of water meters (notably for Mesachie Lake and City of Duncan) (report on schedule by June 30, 2010)
- Request that gov'ts. review opportunities for consistent approach to volume based water pricing & other mechanisms (e.g., conservation-based sewer charge).(report back by Oct.15, 2010)
- Request Catalyst identify monitoring opportunities that may result in savings

Improve Water Demand Management cont'd

- Encourage implementation of comprehensive demand management program for the watershed including:
 - monitoring impacts of metering & vol.-based pricing
 - working with health agencies to address water related health concerns (e.g. grey water)
 - funding for co-op to develop best practices report & outreach materials
 - working with MoAL on water use plan to promote efficient agricultural practices

Local Governments and Institutions Lead Water Conservation

Short term:

- Request local gov'ts. to develop strategies for incorporating H₂O conservation into land use plans and policies (including low impact development and smart growth design principles) (report back by Oct.15, 2010)
- Encourage local governments to lead by example by adopting water conservation landscaping and fixtures, green building policies, greener life-cycle costing of capital projects, regular efficiency audits etc. (report back by Oct.15, 2010)

Promote Water Efficient Land Use

Short Term - Encourage local gov'ts to implement green building policies and identify/build incentives for encouraging private sector to retrofit for water conservation. (report back by Oct. 15, 2010)

Regularly Monitor & Report on Water Conditions in the Watershed

Short Term

- Request approval bodies ensure adequate water before development is allowed. (report by Oct.15, 2010)
- Request that cumulative impacts issues be addressed under WAM (request WAM presentation)
- Request WAM include water volume monitoring and reporting. (request WAM presentation)

Research to Support Knowledgeable Decision-making

Short to medium term:

- Understanding supply and demand linkages for ground water
- Best practices re land use and ground water and inventory and assessment of aquifers in watershed
- Assessment of agricultural H₂O use in the watershed (based on advice from Special Advisor)