



City of Prineville

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DATE: April 1, 2008
TO: Prineville City Council
FROM: Jerry Brummer
Public Works Superintendent
RE: City of Prineville Water Management and Conservation Plan Update

This memorandum presents an update on work being completed by GSI on the City's Water Management and Conservation Plan. The City's water right permit for Airport Wells No. 1 and 2 stipulates a number of conditions, one of which requires that a new or updated Water Management and Conservation Plan be submitted within two years of permit issuance. Our goal has been to assist the City with the development a plan that meets Oregon Water Resources Department's (OWRDs) requirements and to provide value to the City regarding its plans to meet long-term water supplies, including appropriate water conservation measures that reduce overall demand for water. Water supply alternatives being developed by the Water Subcommittee will be instrumental in developing this plan. We have been working closely with the City's public works department staff on the following activities:

- Gather well production data, understand operational demand (current demand), and assess future demand associated with approved developments.
- Estimate water losses that may occur through leakage or unmetered sources and develop a plan to account for this water and reduce leakage.
- Prepare a projection of future water demands.
- In conjunction with the Water Master Plan and Water Subcommittee planning activities, develop a long-term water supply plan that ensures a secure water supply for the City.
- Develop water conservation elements that are appropriate for the City of Prineville.
- Develop a water curtailment plan that can be implemented in the event of a failure in the water system.