

## **UTILITIES**

### *Section 4.083*

5. *A statement of the proposed method of providing water, sanitation, and utilities. A water study prepared by a professional hydrologist, and Oregon Registered Engineering Geologist or similar professional shall be submitted describing the following:*
  - a. *An estimate of water demands for the resort at maximum build out, including a breakdown of estimated demand for commercial uses, residential uses, visitor oriented accommodations, recreational uses and irrigated common areas.*
  - b. *The availability of water to meet the estimated demand, including the proposed water source, evidence of the quantity and quality of water from that source, identification of the area that may be impacted if water to serve the resort is taken from that source, and information on whether water rights are needed or have been obtained; and*
  - c. *A water conservation plan, including an analysis of available measures which are commonly used to reduce water consumption.*
  - d. *A low impact development plan with a strategy for maintaining natural infiltration rates and protecting the water quality of surface and ground water. The strategy plan shall also include, but not be limited to, pesticides, herbicides, fertilizers, and other pollutants.*

The proposed water and sewer facilities are on-site private utilities which will be maintained by the Crook Family, LLC. Utility infrastructure plans are located on pages 28-37 of the Master Plan. These plans give an overview of the location and a brief description.

Two 50,000 gallon water storage tanks are proposed to be placed off-site, north of the equestrian district. The tanks are proposed in this location because of the elevation and the fact that the land is owned by the Crook Family. These tanks are the subject of the Conditional Use Permit application included in this application.

Tor Flatebo, Professional Engineer has prepared a water study which is included in this with the application. Also included is a Water Quality Analysis Report which was conducted by Analytical Laboratory & Consultants, Inc. of Eugene, Oregon.