

PROJECT NAME: Construction of the Reclaimed Water Pipeline

APPROVAL/SUPPORT DOCUMENTATION: - ROD page 11
- Final EIS Pages 2-5 and 2-6, Figure 2-4

MDP REFERENCE: MDP Pages 39 and 40

PROJECT CONSTRUCTION AUTHORIZATION:

Initial/Date

PROJECT DESCRIPTION:

A 14.8-mile buried snowmaking water supply line was approved between the City of Flagstaff and the Arizona Snowbowl ski area. The waterline begins near Thorpe Park where it connects to the current reclaimed water circulation system. The pipeline then follows existing easements and rights-of-way across a mix of federal, state, and private lands to the intersection of U.S. Highway 180 and Snowbowl Road. From this point the waterline follows the Snowbowl Road to the ski area and is rerouted up a ski trail to the approved on-mountain snowmaking water impoundment.

Two booster stations would be installed along the pipeline to maintain appropriate pressure. These will likely be located near Thorpe Park and along Snowbowl Road.

In accordance with Forest Plan direction, the approved alignment uses existing utility corridors as well as Forest Service roads. The reclaimed water pipeline route follows the existing Transwestern Natural Gas pipeline corridor and crosses land under Forest Service, Arizona State Land Department, and Lowell Observatory ownership. The pipeline route is located on Observatory property on Forest Service road 515. This route was selected to minimize impacts and inconveniences to traffic and private property during construction of the pipeline.

REQUIRED MITIGATION & BEST MANAGEMENT PRACTICES:

The following mitigation measures and best management practices (BMPs) are excerpted from Table 2-2 (Chapter 2) of the 2005 Final EIS. Mitigation measures and BMPs are organized by the order in which they arise during the pre-, mid-, and post-construction period.