

trails that emanate from Eagle Ridge (on private land), including Diamond Lane, Gary's Glade, Olympia, Serenity/F.I.S., and Rumble. The system would also include underground hydrants, portable snowmaking machinery, and the installation of a diversion weir and pump station across and adjacent to Big Cottonwood Creek near the Vehicle Maintenance Building. A combination of airless and air/water snow guns would be used. Snowmaking at Solitude has been used to provide additional coverage to high traffic areas and increased coverage during the early season. Expanding the system has been a priority for Solitude, in order to provide a safer and more enjoyable early season ski experience and to reduce wear on snow grooming equipment.

Expanding the holding capacity of Lake Solitude is proposed to be achieved through dredging and/or raising the dam. Dredged material would be placed at the toe of the slope below the Lake Solitude dam.

The snowmaking system would use water from Lake Solitude and Big Cottonwood Creek to make snow. The diversion weir would be designed to only allow withdrawal of water from the creek when streamflow was in excess of minimum stream flow level (set at 2 cubic feet per second (cfs), pending results of an instream flow study, mitigation measure AQU-3) sufficient to protect fish and aquatic resources. Solitude would pump water to Lake Solitude for storage and would utilize gravity feed and a booster pump to pressurize the snowmaking lines.

Specifically, Solitude would bury existing above-ground lines located on NFS lands in the following sites: south of the Moonbeam parking lot, Easy Street, Tude Dudes, Main Street, Alta Bird, and Deer Trail. Solitude would also expand its snowmaking system on NFS lands on the following trails in the Moonbeam area: Sensation, Last Run, Hal's Hollow, Post Card, Shady Lane, lower Serenity, and Same Street.

Solitude 4d

2.4.2.6 Summer Recreation Opportunities

Alternative 2 would increase the number of summer recreational opportunities available within Solitude's permit area. Solitude would construct a new 6.2-mile section of trail, on both private and NFS lands (Figure 2-4; E16). The trail would follow an existing trail section from the Village base area, traversing the lower mountain to the Honeycomb Return trail, and utilize the existing road up to the mouth of Honeycomb Canyon. The new trail would be constructed at an average grade of 7% to the top of the Summit lift and Honeycomb Canyon. From the top of Honeycomb Canyon, the trail would follow existing mountain roads and trails, including the alignment of the Sol-Bright trail down past Twin Lakes and around Evergreen ridge, connecting back into Solitude's existing trail system near the Sunrise lift. Existing biking and hiking services and opportunities would continue, as described under Alternative 1.

Under Alternative 2, Solitude would construct and operate a permanent, concrete, two-track Alpine Slide (Figure 2-4 and 5; C17). The slide would be approximately 4,500 feet in length, with a vertical drop of 820 feet and an average grade of 18%. The slide would be accessed from the Sunrise lift and wind its way down the mountain, generally following the North Star trail alignment and terminating near the Sunrise lower terminal. Portions of the track cross ski trails and would be removed prior to snowfall and the beginning of the ski season. The track would also cross hiking and mountain bike trails in four separate locations. The slide would be bridged

Twin Peaks Roadless Area #0419006



■ Twin Peaks Roadless Area
District: Salt Lake
Geographic Area: Central Wasatch
Size: 6,490 Acres
Wasatch-Cache National Forest

