The developer should supplement DNR's water quality data with data collection in all streams within Subunits A and B as well as upstream and downstream of development on the Little Susitna River. Data should be collected on: turbidity, heavy metals, nitrogen and phosphorus compounds, fecal coliform bacteria counts, biocides, chlorinated compounds, detergents, or synthetic organic hydrocarbons in surface waters in and near the proposed ski area. Pre- and post-project monitoring of water quality constituents at three sites on the Little Susitna River is needed: (a) upstream of project related activities; (b) at the USGS gaging station, MP 8.5 Willow-Fishhook Road; and (c) downstream of the Government Creek mixing zone which would allow potential surface water quality impacts to be evaluated.

i. **Ponds.** Man-made ponds within the development should be designed as an aesthetic attraction and lined with impermeable liners when necessary to prevent slope destabilization.

[10]12. **MATERIAL AND BUILDING ROCK SITES**

a. **Building Rock** No material or building rock sites will be authorized adjacent to the Hatcher Pass Road in this subunit.

b. **Material Sites** (See Map 2, page 49 in original plan)
Site #9. This potential site is not recommended for development due to visual conflicts in an intensive use recreation area.

Site #10. This site could be adequately screened from the adjacent road by both a natural vegetative screen and an embankment and should be considered first as the primary materials site along the Little Susitna River. This site is probably the best one on the Little Susitna River drainage considering the visual screening potential, the size of the material deposit, and its accessibility from the road. It could be rehabilitated for a parking area after project completion.

Site #11. The actual location of site No. 11 will depend upon where the parking and other facilities of the proposed Government Peak Ski Area are located. This material site would become a parking area or site for other facilities after material extraction is completed. Providing visual screening from the road has a high priority in this area. The method for visual screening of this site will depend on its actual location and the proximity of other facilities. Opportunities exist to utilize contours and vegetation and access the pit by a short, curved spur road out of direct visual line of sight with the Hatcher Pass Road.

Existing Site, MP 16. This present material site on the Fishhook Road in Township 19N, Range 1E, Section 3 is located in glacial till deposits which usually have low potential as construction material sources. This site will not be used as a material site but will be recontoured and converted to a parking area. See location on Map 11 (in original plan).