Spotted Owl and Old Growth Habitat at Bumping Lake

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Methods

- Used expanded lake elevation of 3,490 feet
- Calculated impacts using both a downstream dam and an expanded dam at existing site
- Used GIS information from Northwest forest Plan Regional Ecosystem web site

Spotted Owl Habitat

- Mapped spotted owl habitat
  - Total in Naches River basin—149,878 acres

	Impact (Acres of Owl Habitat)	Percent of Owl Habitat in the Naches Basin
Expanding Existing Dam	670	0.4
Between Existing Dam and Proposed Downstream Dam	312	0.2
Behind Proposed Downstream Dam	982	0.6

Late Successional Forest Habitat

- Total in Naches River basin 46,552

	Impact (Acres of Forest Habitat)	Percent of Forest Habitat in the Naches Basin
Expanding Existing Dam	693	1.5
Between Existing Dam and Proposed Downstream Dam	26	0.06
Behind Proposed Downstream Dam	719	1.5