

## Chamberlain Lake (Lock Dam)

Eagle Lake Twp., Soper Mountain Twp., T7 R12 WELS, T7 R13 WELS

**Vital Statistics**

**Size: 2,890 acres**

Regulated: 2,825 acres

Non-Regulated: 65 acres

Upland: 2,723 acres

Forested Wetland (NWI): 151 acres

Non-Forested Wetland: 21 acres

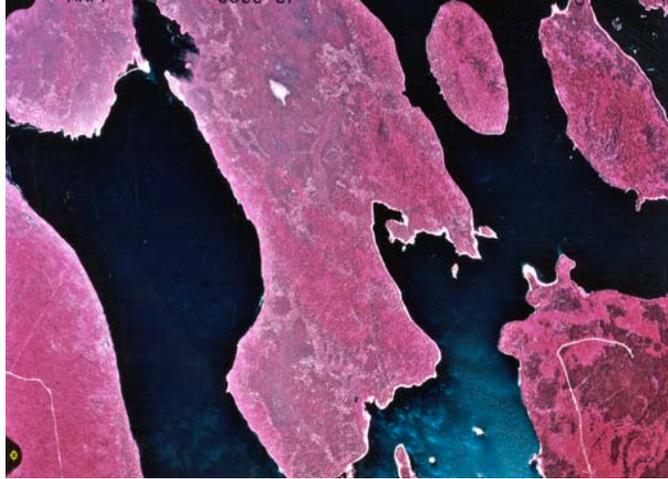
Open Water: 0 acres

Roads: 0 miles

Biophysical Region: St. John

Uplands

BPL Region: North



***Rare Species and Exemplary Natural Community Table for Chamberlain Lake***

Common Name	Latin Name	S-RANK	G-RANK	State Status
<b><i>Exemplary Natural Communities</i></b>				
Evergreen Seepage Forest		S4	GNR	N/A
Montane Spruce-Fir Forest		S4	G3G5	N/A
Spruce-Fir Wet Flat		S4	GNR	N/A
Spruce-Northern Hardwoods Forest		S4	GNR	N/A
White Pine Forest		S4	G5	N/A
<b><i>Rare Plants</i></b>				
None found				
<b><i>Rare Animals</i></b>				
None found				

**Description**

Near the head of the Allagash Wilderness Waterway, the Chamberlain Lake ecological reserve lies on the Bear Mountain peninsula in Chamberlain Lake. Nearly all of the reserve was classified as regulated timberland, and less than 5% is wetland (mostly coniferous wetland). Many locations sampled during the Ecological Reserves Inventory and later monitoring efforts indicate past selective harvesting, but harvesting has apparently not occurred within the last 50+ years, based on ages of stumps and old logging roads. Several areas of matrix-forming natural communities are in outstanding condition. The most noteworthy stands are mixed hardwood-conifer stands supporting trees over 200 years old. Interestingly, charcoal pellets were found in all stands sampled, although the dominance of mid to late-successional stand types suggests that fires in most locations occurred long ago. Other intact forest types include a large black spruce bog and swamp just north of Lock Dam and a small, stunted spruce slope forest on top of Bear Mountain.

The northern part of the Reserve includes the Tramway (<http://www.maine.gov/doc/parks/programs/history/allagash/tram.htm>), remnants of an old logging railway that transferred logs from Chamberlain to Eagle Lake over a century ago.

### **Resources**

Rooney, S.C. 1981. A preliminary natural resources inventory, Telos Public Lot, T6 R11 WELS. Bureau of Public Lands, Department of Conservation, Augusta, Maine. 33 pp.

Telos Unit Management Plan. 1990. Bureau of Public Lands, Department of Conservation, Augusta, Maine. 39 pp.

Weber, J.E. and S.C. Rooney. 1993. An ecological inventory of the Chamberlain Lakes Unit. Bureau of Public Lands, Augusta, Maine. 8 pp. (+ appendices).