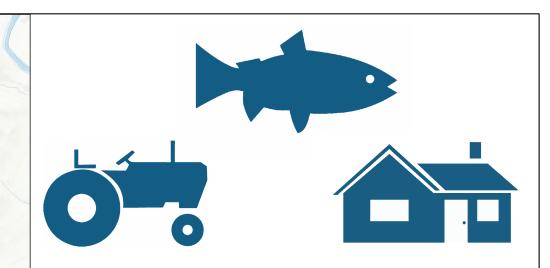


EIGHT MEDIE LA KENNER



Eightmile Lake, located in the Alpihe Lakes Wilderness Area, has been used as a reservoir to supply Icicle Peshastin Irrigation District since the early 20th century. Since its construction, ice and flooding has damaged water storage control structures on Eightmile Lake, leading to reduced storage capacity. The purpose of the Eightmile Lake Storage Restoration Project is to repair the dam structure and restore storage capacity to 2,500 acre-feet. Once the storage capacity is restored, water in excess of IPID's needs will be available to improve stream flow and domestic water supply.

Existing Conditions

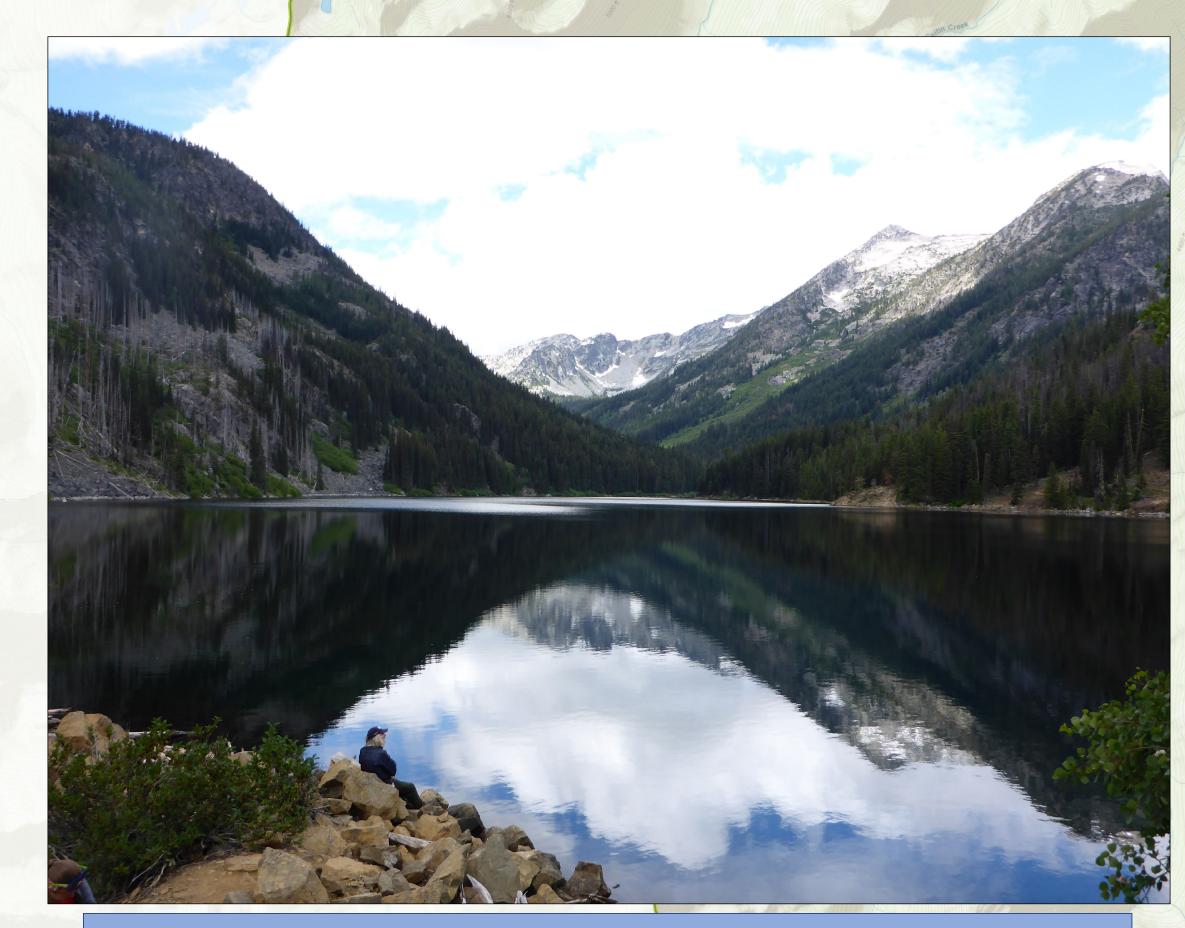
Storage Capacity: 1,375 acre-feet

Full Water Surface Area: 76.6 acres

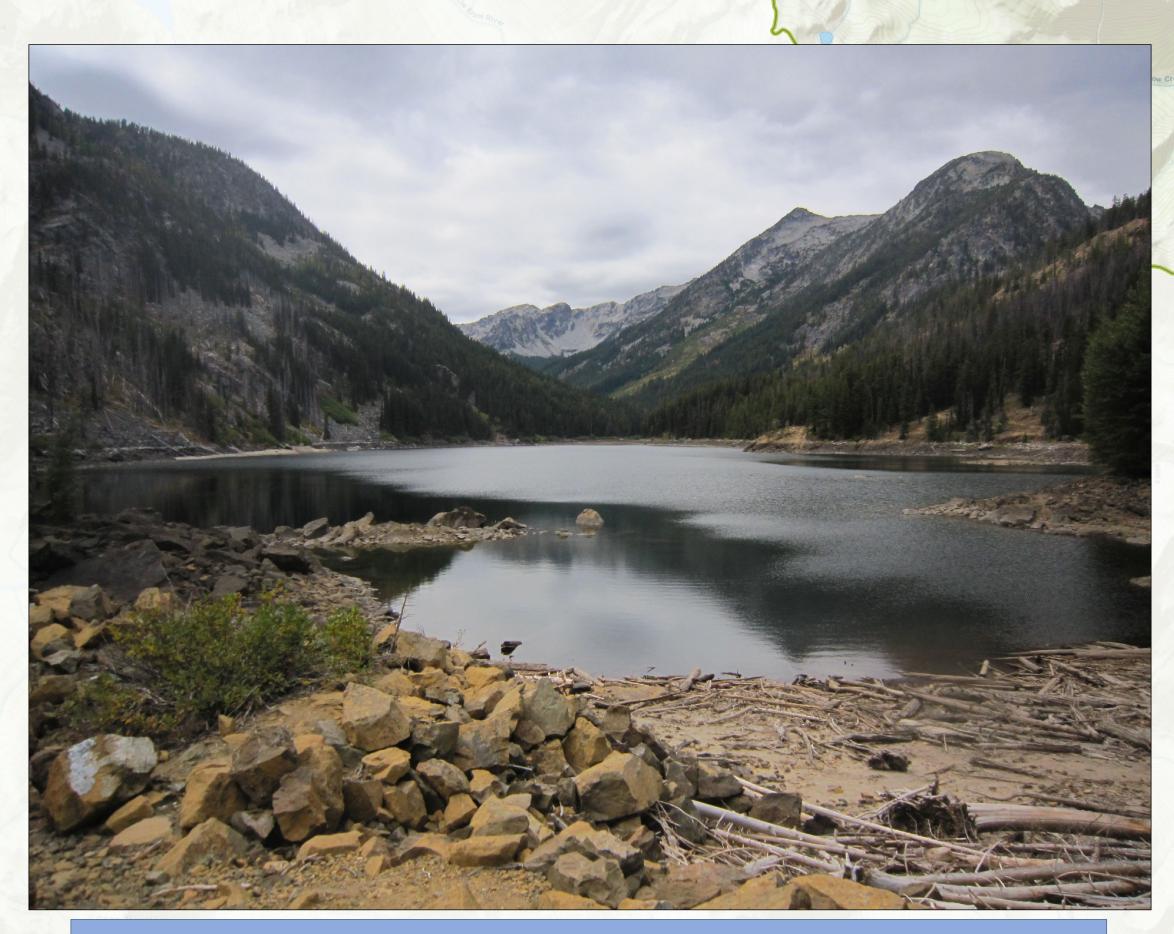
Water Surface Area at Drawdown: 44.1 acres

High Water Surface Elevation: 4,667 feet

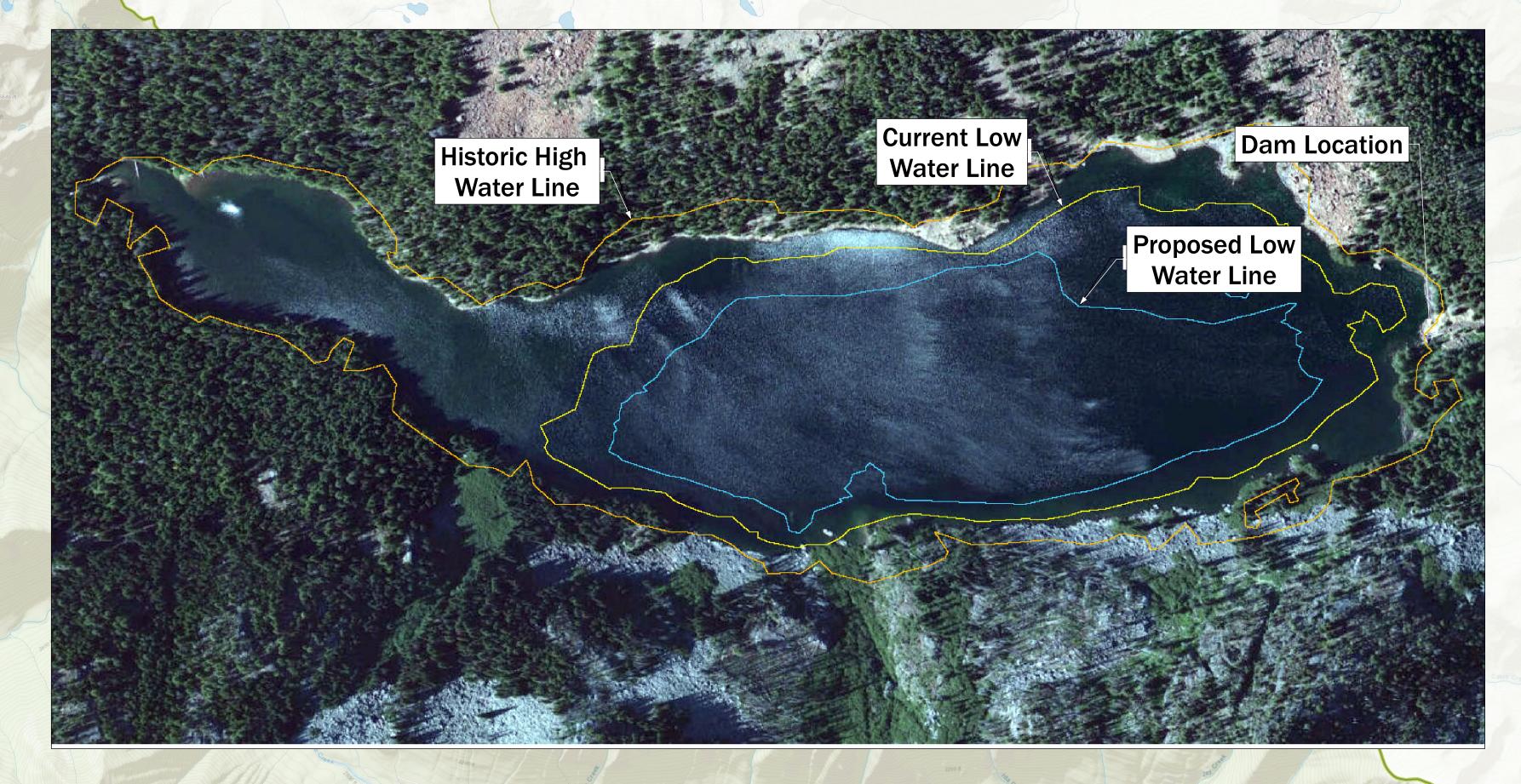
Low Water Surface Elevation: 4,644 feet



Current High Water (Lake Elevation 4,667 ft)



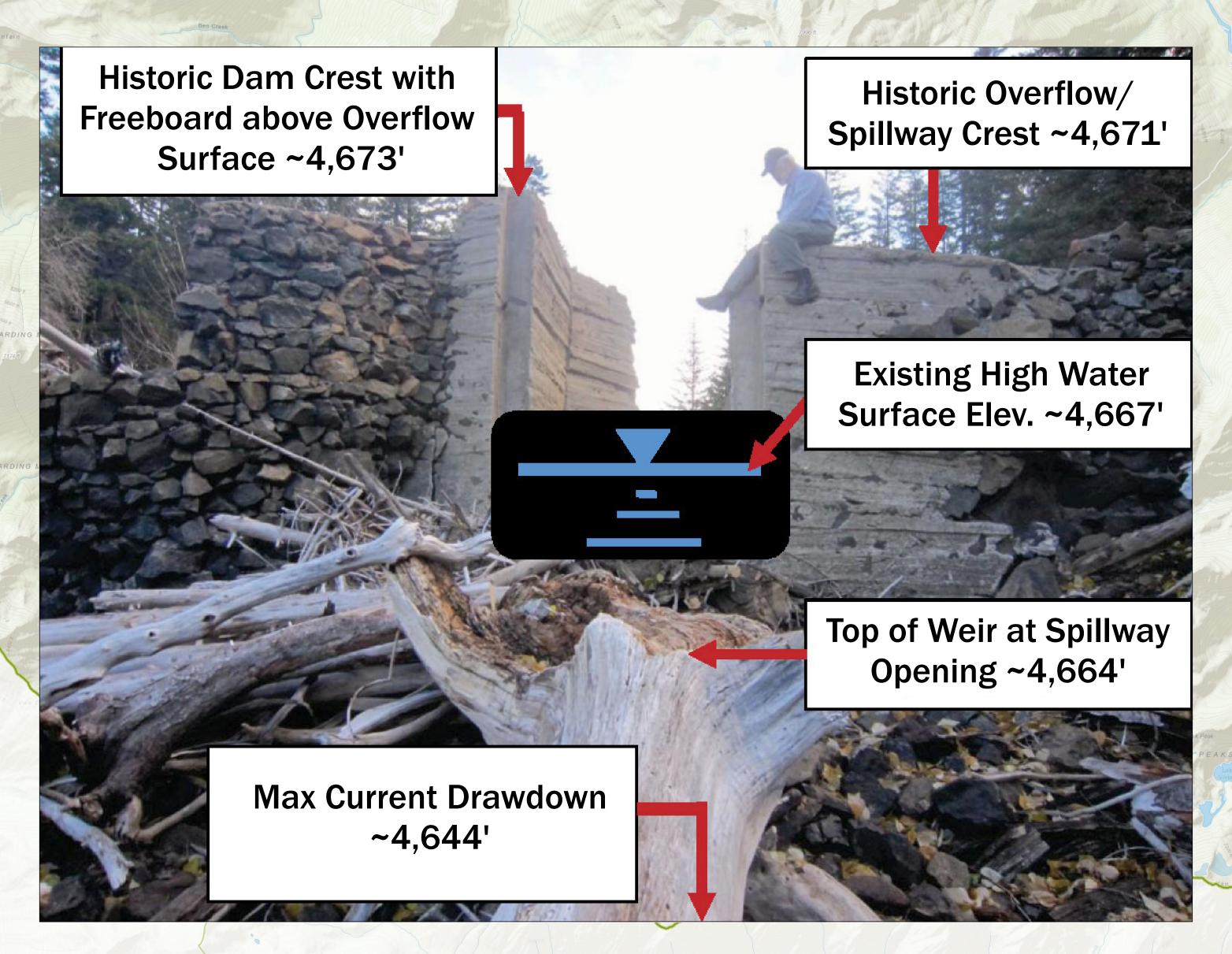
Current Low Water (Lake Elevation 4,644 ft)



HOW DOES IPID MAINTAIN OR IMPROVE THEIR RESERVOIRS IN THE ALPINE LAKES WILDERNESS?

IPID routinely does inspections, clears debris, exercise valves, and does maintenance on facilities. Under the land exchange agreement recorded with the Chelan County recorder's office IPID retained several rights to the land, including:

"a nonexclusive, perpetual easement across, though, along, and upon the property described herein for the purposes of maintenance, repair, operation, modification, upgrading and replacement of all facilities presently located in or upon the property..."



With Proposed Improvements

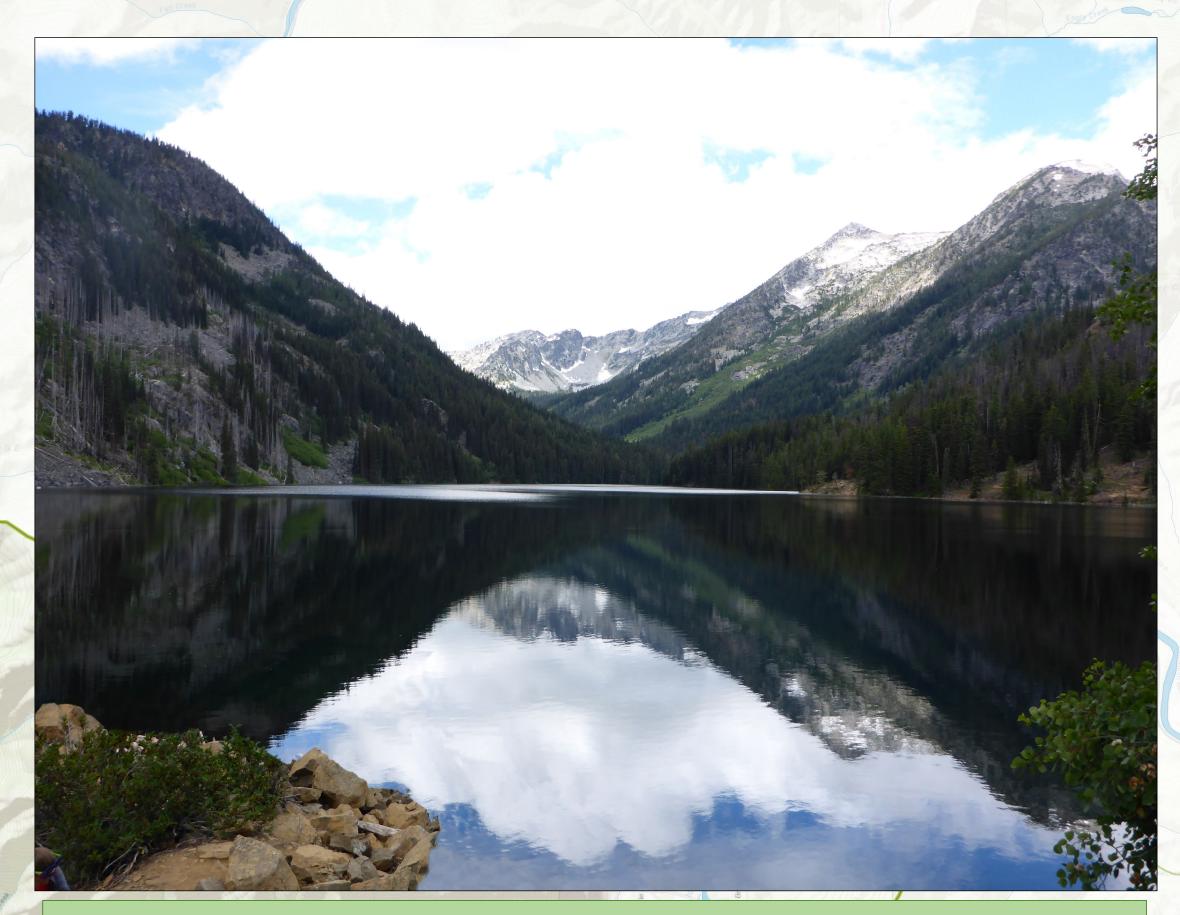
Storage Capacity: 2,500 acre-feet

Full Water Surface Area: 81.7 acres

Water Surface Area at Drawdown: 27.1 acres

High Water Surface Elevation: 4,671 feet

Low Water Surface Elevation: 4,622 feet



Proposed High Water (Lake Elevation 4,671 ft)



Proposed Low Water (Lake Elevation 4,622 ft)