

Nuyakuk Hydroelectric

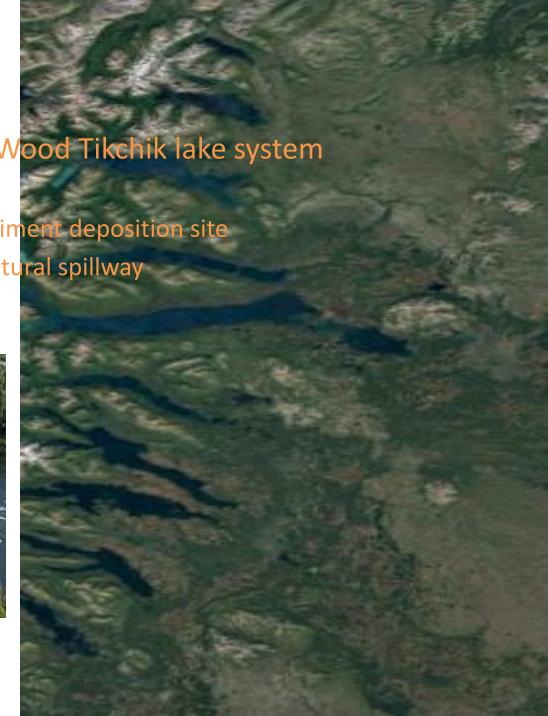
Hydropower for Bristol Bay



Logical Natural Location

- Glacial moraine defines Wood Tikchik lake system
 - Creates natural dam
 - Lake acts as a natural Sediment deposition site
 - Nuyakuk Falls acts as a natural spillway





Power Production Location and Potential

- Nuyakuk Falls
- 2.5 miles inside WTSP
- Flow monitored by USGS since 1953

835 m

♦ Flow monitoring station

Hydro Plant

- Initial modeling diverts <25% flow 4.5 to >10 MW
- Enough production for regional distribution
- Production potential matches seasonal demand

