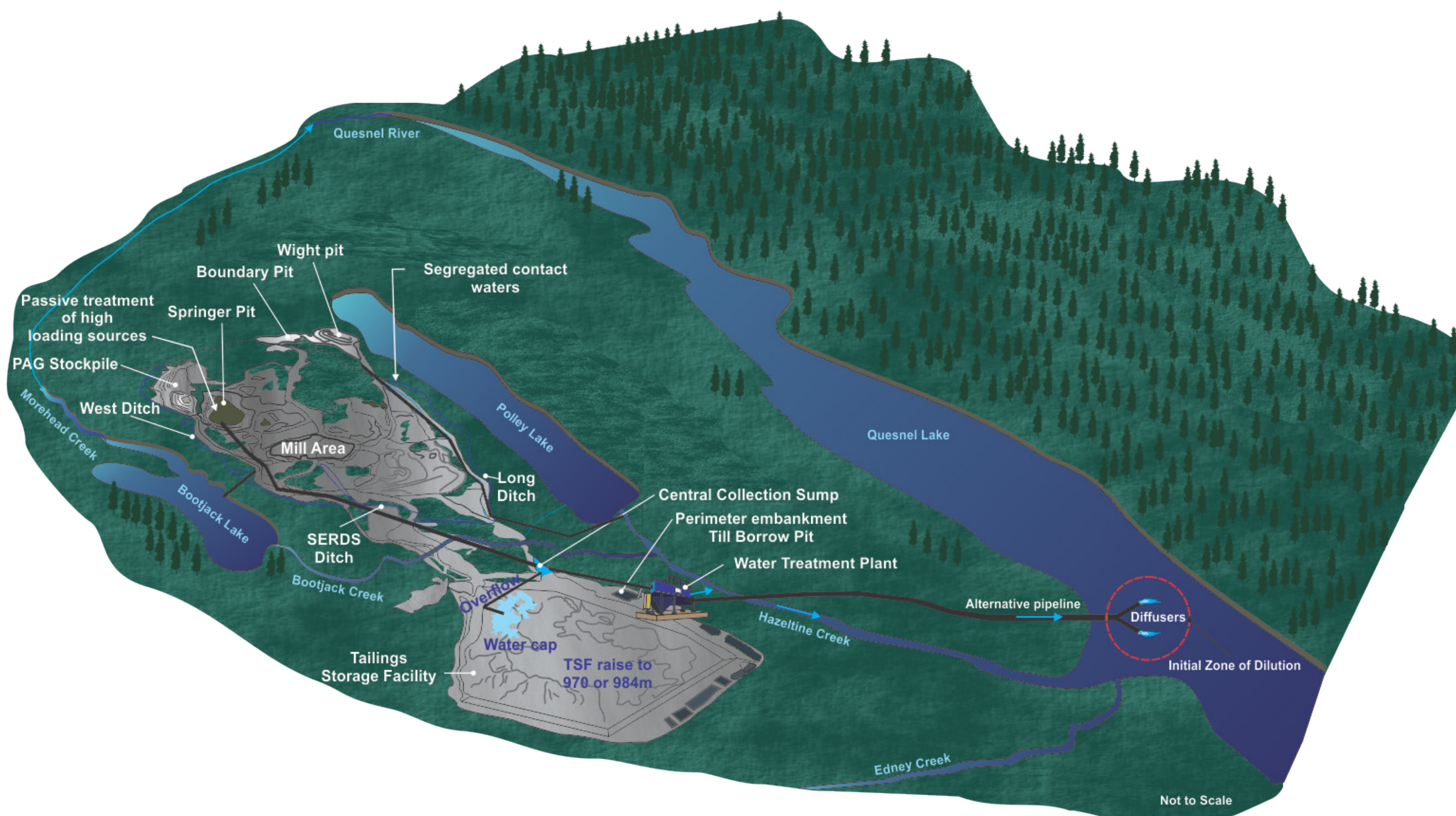


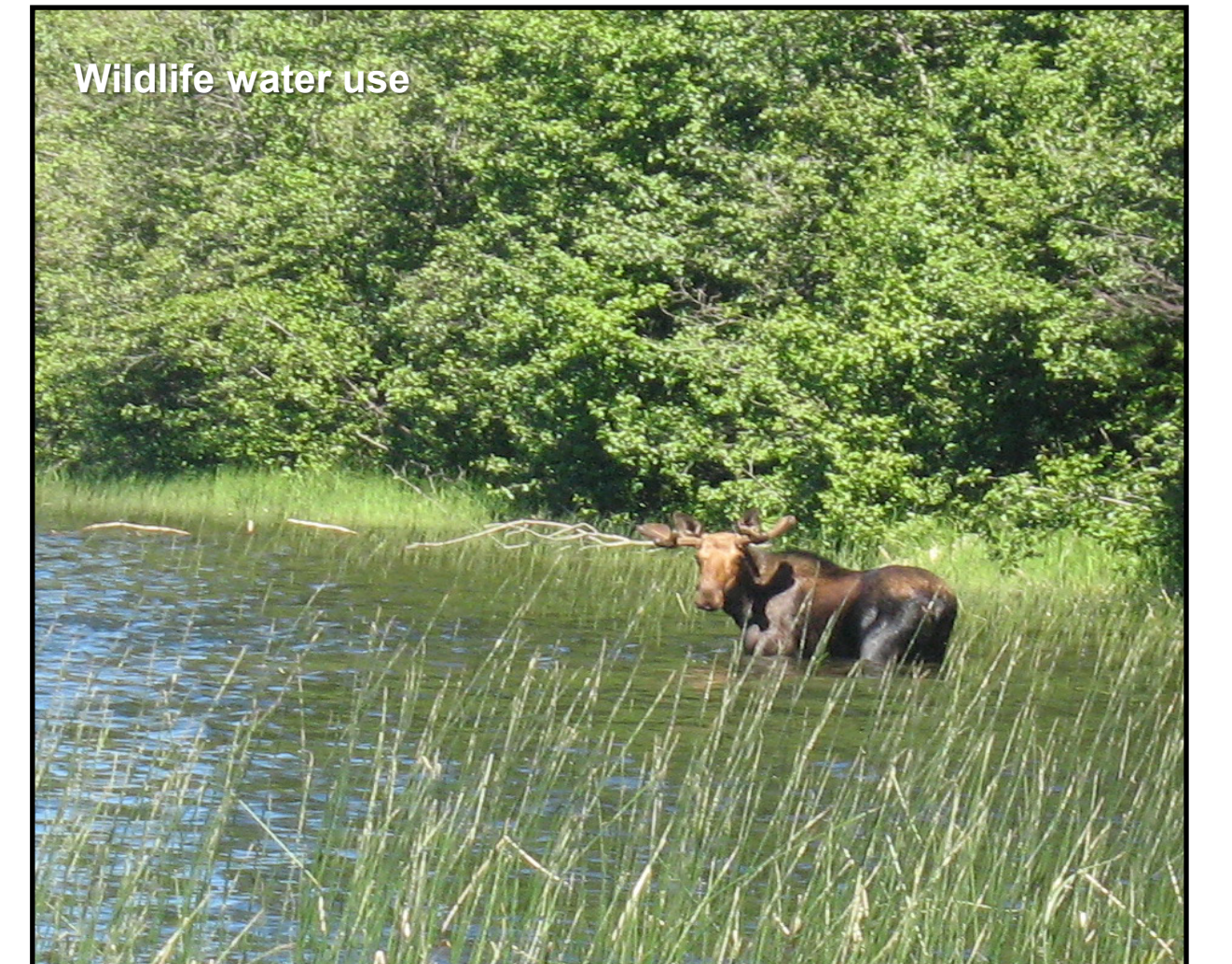
Impact Assessment for Operations at Mount Polley Mine



Water uses identified for Quesnel and Bootjack Lakes will be protected
by meeting BC Water Quality Guidelines



Drinking and
residential water use



Aquatic life



Commercial,
recreational, and
aboriginal fisheries

Quesnel Lake and Bootjack Lake Water Uses Remain Protected

- Predicted lake water quality is below BC guidelines
- Drinking water and aquatic life protected
- Monitoring in Quesnel Lake and Bootjack Lake will continue in order to verify predictions



Will Meet Permit Limits

- End of pipe: Metal Mining Effluent Regulation and EMA Permit 11678 limits
- BC guidelines in the downstream lake environment



Quesnel Lake

Protection Goal: Meet BC water quality guidelines within 100 m of the discharge

Effluent target concentrations are calculated to meet BC guidelines within 100 m of the discharge

Permit Limits Selected to Protect the Most Stringent Water Use. Lowest of:

- Effluent targets
- Metal Mining Effluent Regulation limits
- Maximum guidelines or acute screening values
- Upper limits of predicted effluent concentrations