

HARVEST OF FISH AND WILDLIFE RESOURCES

VOLUME 3, SECTION 24

The Environmental Impact Statement (EIS) details the environmental assessment undertaken for the Site C Clean Energy project. The EIS includes the project rationale, identifies potential effects and proposes measures to avoid or mitigate these effects. The EIS also describes the benefits Site C would provide for customers, Aboriginal groups, northern communities and the province as a whole.

ABOUT THE ASSESSMENT

The project effects on the harvest of fish and wildlife resources are assessed by considering project changes to:

- **Fishing opportunities, hunting opportunities and harvesting areas:** public hunting and fishing licence sales, areas, and harvest information, including numbers and species, and angler creel surveys.
- **Trapping opportunities:** tenured trapline areas, infrastructure, harvest volumes and areas, and operating information, as well as Aboriginal employment or use of tenured traplines.
- **Guide outfitting activities:** tenured guide outfitter areas, infrastructure, harvest volumes and areas, and operating information, as well as Aboriginal participation in tenured guide outfitting operations.

ASSESSMENT AREA

The local assessment area for harvest of fish and wildlife resources is the:

- Project activity zone
- The area within reservoir impact lines
- Peace River downstream to the Alberta border.

The regional assessment area is the Peace River Regional District, and corresponds to the administrative boundary within which the project resides.

SUMMARY OF POTENTIAL EFFECTS AND MITIGATION MEASURES

POTENTIAL EFFECTS	KEY MITIGATION MEASURES
Changes in fishing and hunting opportunities	<p>Construction:</p> <ul style="list-style-type: none"> • Implement outdoor recreation and tourism mitigation measures that support recreational shoreline use, boating access, and water-based navigation to mitigate construction effects on fishing and hunting opportunities • Implement fish and fish habitat, and wildlife resources mitigation measures that support fish and wildlife populations to mitigate construction effects on fishing and hunting opportunities <p>Operations:</p> <ul style="list-style-type: none"> • No changes anticipated
Changes in level of use of harvesting areas	<ul style="list-style-type: none"> • No changes anticipated

POTENTIAL EFFECTS	KEY MITIGATION MEASURES
Changes in trapping opportunities	<p>Construction:</p> <ul style="list-style-type: none"> Implement wildlife resources mitigation measures that support fur-bearing populations to support the availability of harvestable species for trapping <p>Construction and Operations:</p> <ul style="list-style-type: none"> Conclude agreements and implement any agreed-to provisions, where appropriate, with third-party tenured trapline holders
Changes in guide outfitter activities	<p>Construction:</p> <ul style="list-style-type: none"> Provide communications regarding area or road closures to help outfitters plan their guided activities to avoid conflict with the project Implement outdoor recreation and tourism mitigation measures that support recreational shoreline use, boating access, and water-based navigation to mitigate construction effects on guide-outfitting opportunities Conclude agreements and implement any agreed-to provisions, where appropriate, with third-party tenured guide-outfitters <p>Construction and Operations:</p> <ul style="list-style-type: none"> Implement wildlife resources mitigation measures that support game populations to support the availability of harvestable species for guide outfitting activities

KEY FINDINGS

- Hunting would continue in areas around the reservoir. Bag limits would not be expected to be reduced as a result of the project.
- Project overlap with registered traplines and guide outfitter territories would be very small
- Where the project adversely affects existing tenured guide-outfitters or trapline holders, agreements will be concluded and any provisions of those agreements will be implemented, where appropriate with affected third party tenure holders.
- Some temporary losses of fishing and hunting opportunities will occur during construction.

Overall, fishing opportunities would increase during operations, catch limits would not be expected to be reduced, hunting would continue in areas around the reservoir, and bag limits would not be expected to be reduced as a result of the project. As a result, a determination of significance has not been made for harvest of fish and wildlife resources.

ABOUT THE SITE C CLEAN ENERGY PROJECT

Site C is a proposed third dam and hydroelectric generating station on the Peace River in northeast B.C. Site C would provide 1,100 megawatts (MW) of capacity, and produce about 5,100 gigawatt hours (GWh) of electricity each year – enough energy to power the equivalent of about 450,000 homes per year in B.C.

Site C is undergoing a cooperative environmental assessment by the Canadian Environmental Assessment Agency (CEA Agency) and the British Columbia Environmental Assessment Office (EAO). The environmental assessment process commenced in August 2011 and is anticipated to take approximately three years to complete.

FOR MORE INFORMATION visit bchydro.com/sitec

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