

**Table 1. Cumulative effects current condition values/data with example best management practices**

Value and Indicators	Objectives	Planning and operational considerations or requirements*	Related Mitigation Plan Requirements
<p><a href="#">Cumulative Effects Framework Aquatic Ecosystems</a></p> <ul style="list-style-type: none"> <li>Riparian Hazard Indicator</li> <li>Sedimentation Hazard Indicator</li> <li>Peak Flow Hazard Indicator</li> </ul>	<ol style="list-style-type: none"> <li>Sustain water quality</li> <li>Sustain water quantity</li> <li>Sustain hydrological and aquatic ecosystem functions and processes</li> </ol>	<p><a href="#">Environmental Protection and Management Guideline</a></p> <ul style="list-style-type: none"> <li>Section 1.7.1 Fisheries Sensitive Watersheds</li> <li>Section 1.2 Riparian Areas</li> <li>Section 1.2 Fishery Sensitive Watersheds</li> <li>Section 2.1 Stream Crossings</li> <li>Section 2.2 Wetlands</li> </ul> <p><a href="#">Treaty 8 Planning and Mitigation Measures:</a></p> <ul style="list-style-type: none"> <li>Section 1.1, see subsection: Stream, Wetland and Lake Crossings</li> <li>Section 1.2, see subsection: Stream, Wetland and Lake Crossings</li> <li>Section 1.4, see subsection: Stream, Wetland and Lake Crossings</li> <li>Section 1.5, see subsection: Stream, Wetland and Lake Crossings</li> <li>Section 1.6 see subsection: Stream, Wetland and Lake Crossings</li> </ul> <p><a href="#">Environmental Flow Needs (EFN) Framework for Water Management   BC Energy Regulator (BCER) (bc-er.ca)</a></p>	<p><a href="#">Environmental Protection and Management Guideline</a></p> <ul style="list-style-type: none"> <li>Located within 100 metres of known waterworks, water supplies or water wells.</li> <li>Located within a groundwater recharge area or an identified aquifer.</li> <li>Located within a designated watershed under Section 35 of the EPMR and FRPA.</li> <li>Located within a Fisheries Sensitive Watershed (FSW).</li> </ul> <p><a href="#">Treaty 8 Planning and Mitigation Measures</a></p> <ul style="list-style-type: none"> <li>When roads, pipelines or facilities cross through a wetland, a wetland hydrological integrity plan must be developed.</li> <li>When pipelines impact riparian management areas, restoration activities must begin in the following growing season.</li> </ul>

Value and Indicators	Objectives	Planning and operational considerations or requirements*	Related Mitigation Plan Requirements
<a href="#">Cumulative Effects Framework Grizzly Bear</a> <ul style="list-style-type: none"> <li>Conservation status rank indicator</li> <li>Road density indicator</li> <li>Core secure habitat – Secure Core Area Weighted</li> </ul>	<ol style="list-style-type: none"> <li>Sustain habitat and ecosystem functions and processes; <u>avoidance of</u> secure core habitat</li> <li>Sustain connectivity in habitat</li> <li>Reduce likelihood of human-animal interactions / human induced animal mortality</li> </ol>	<a href="#">Environmental Protection and Management Guideline</a> <ul style="list-style-type: none"> <li>Section 1.10.1 Management of Regulator Identified Wildlife Habitat Features</li> </ul> <a href="#">Environmental Information Management System</a>	<a href="#">Environmental Protection and Management Guideline</a> <ul style="list-style-type: none"> <li>Located within an Ungulate Winter Range, Wildlife Habitat Area, or Fisheries Sensitive Watershed.</li> <li>Located in an area with identified High Priority Wildlife.</li> <li>Located within the setback distance of a Wildlife Habitat Feature</li> </ul>
<a href="#">Cumulative Effects Framework Forest Biodiversity</a> <ul style="list-style-type: none"> <li>Forest Biodiversity Risk Rating Roll Up</li> <li>Species Dynamics Hazard</li> </ul>	<ol style="list-style-type: none"> <li>Sustain biodiversity levels</li> <li>Retain native species and ecosystem functions and processes (i.e., seral stage distribution, old forest)</li> <li>Limit rate of new disturbance</li> <li>Promote restoration</li> </ol>	<a href="#">Treaty 8 Planning and Mitigation Measures</a> <ul style="list-style-type: none"> <li>Sections 1.1, 1.2, 1.3, 1.4, and 1.5, Restoration</li> <li>Section 1.5, Existing disturbance</li> </ul>	<a href="#">Environmental Protection and Management Guideline</a> <ul style="list-style-type: none"> <li>Located in an Old Growth Management Area.</li> </ul>
<a href="#">Northeast B.C. Old Forest VRI 2023</a>	<ol style="list-style-type: none"> <li>Sustain (avoid disturbing) old forest stands and promote recovery of forests</li> </ol>	<a href="#">BRFN Implementation Agreement</a> <ul style="list-style-type: none"> <li>Section 14.4(b), Setbacks and Other Matters</li> </ul>	Currently not applicable

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<a href="#">Moose Core Effective Habitat</a>	<ol style="list-style-type: none"> <li>1. Sustain habitat and ecosystem functions and processes</li> <li>2. Sustain moose populations</li> </ol>	<p><a href="#">BRFN Implementation Agreement</a></p> <ul style="list-style-type: none"> <li>• Section 14.4(v), Setbacks and Other Matters</li> </ul> <p><a href="#">Environmental Information Management System</a></p> <p><a href="#">Environmental Protection and Management Guideline</a></p> <ul style="list-style-type: none"> <li>• Section 1.7, Wildlife Habitat Areas, Ungulate Winter Range and Fisheries Sensitive Watersheds</li> </ul> <p><a href="#">Treaty 8 Planning and Mitigation Measures.</a></p> <ul style="list-style-type: none"> <li>• Section 1.1, subsection: Mineral Licks and Wallows</li> <li>• Section 1.2, subsection: Mineral Licks and Wallows</li> <li>• Section 1.3, subsection: Mineral Licks and Wallows</li> <li>• Section 1.4, subsection: Mineral Licks and Wallows</li> <li>• Section 1.5, subsection: Mineral Licks and Wallows</li> </ul>	<p><a href="#">Environmental Protection and Management Guideline</a></p> <ul style="list-style-type: none"> <li>• Located within an Ungulate Winter Range.</li> <li>• Located within the setback distance of a wildlife habitat feature</li> </ul> <p><a href="#">Treaty 8 Planning and Mitigation Measures</a></p> <p>Impacts to mineral licks, wallows, and/or wildlife trails.</p>
<p>NOTE:</p> <p>*These planning and operational measures do not reflect an exhaustive list of measures; innovative approaches outside of those listed will be considered.</p>			