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## 5.0 SCOPE OF PROJECT

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### 5.1 Screening Trigger for the Project

The activities involved in the construction and operation of the Cypress Venue meet the definition of a project under *CEAA*. Canadian Heritage is providing federal funding for the project and will be the Responsible Authority (RA) pursuant to Section 5 of *CEAA*. The project is not on the Exclusion List Regulations, nor is it on the Comprehensive Study List Regulations. There are no Law List Regulations associated with the project. The project has not been referred directly to a mediation or panel review, therefore, a screening-level environmental assessment (EA) and screening report are required under *CEAA*.

The project is located in a provincial park within British Columbia and must therefore fulfill the requirements of the BC Parks Impact Assessment process. BC Parks and the Ministry of Environment have confirmed that the project activities at the Cypress Venue will need to undergo a Level 2 review (i.e., Detailed Screen) of the BC Parks Impact Assessment process for approval.

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### 5.2 Scope Determination

The determination of the scope of project was an iterative process through consultation with Canadian Heritage, BC Parks, other regulatory authorities and the public.

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#### 5.2.1 Scope of the Project

Pursuant to the authority of Canadian Heritage under Section 15(1) of *CEAA* and to the authority of BC Parks under the *Park Act (BC)* it has been determined that the scope of the project to be assessed shall include:

- construction of the new ski facilities at Cypress Provincial Park (Freestyle and Snowboard), the snowmaking system (intake, piping, pumping systems, reservoir and snowmaking stations), temporary facilities, and the upper portion of the Baden-Powell Trail re-route;
- operation and maintenance of the new permanent facilities; and
- the decommissioning of temporary facilities associated with the construction of the project.

The scope of the project shall not include consideration of the following:



- the source of aggregates, asphalt-concrete, lumber and other materials required outside of the proposed project site for the construction of project facilities;
- the transportation of workers and materials to and from the project site for all phases; and
- assessment of the disposal sites for any waste materials outside the limits of Cypress Provincial Park during decommissioning except any facilities that may be used that are not currently licenced.

Cumulative environmental effects have been considered pursuant to Section 16.1(a) of *CEAA* and by the BC Parks Impact Assessment process for likely future projects. No additional factors have been prescribed under Section 16.1(e) by Canadian Heritage for inclusion in the potential cumulative environmental effects assessment analysis.

There are currently no plans for decommissioning of the permanent facilities (e.g., Freestyle venue, halfpipe and reservoir) as they will remain part of the Games legacy whose operation will be taken over by CBRL. Any decommissioning/abandonment activities of the permanent facilities would be subject to future examination under *CEAA*, as appropriate.

The existing conditions of the project area environment (described in Section 7), with respect to the identified valued components, are characterized in this report. Potential interactions of specific project activities (included by the above scope of the project) with the environment are identified and the environmental effects (described in Section 8) are evaluated in consideration of appropriate mitigation measures.

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#### 5.2.2 Scope of Factors to be Assessed

Under Section 16(1) of *CEAA*, the following factors must be assessed:

- a. the environmental effects of the project, including the environmental effects of malfunctions or accidents that may occur in connection with the project and any cumulative environmental effects that are likely to result from the project in combination with other projects or activities that have been or will be carried out;*
- b. the significance of the effects referred to in paragraph (a);*
- c. comments from the public that are received in accordance with this Act and the regulations;*



- d. *measures that are technically and economically feasible and that would mitigate any significant adverse environmental effects of the project; and*
- e. *any other matter relevant to the screening, comprehensive study, mediation or assessment by a review panel, such as the need for the project and alternatives to the project, that the responsible authority or, except in the case of a screening, the Minister after consulting with the responsible authority, may require to be considered.*

The environmental assessment will focus on the following Valued Components (VCs) and analyses of the freshwater, terrestrial, atmospheric, socio-economic and cultural environments:

#### **Freshwater Environment**

- **Water Quality** – the potential interactions between the project and the water quality within Cypress Provincial Park.
- **Water Quantity** – the potential interactions between the project and the potential for reduced water quantity within Cypress Provincial Park.
- **Fisheries Resources** – the potential interactions between the project and fish and fish habitat within Cypress Provincial Park.

#### **Terrestrial Environment**

- **Terrestrial Wildlife** – the potential interactions between the project and wildlife and wildlife habitat and any vulnerable, threatened, or endangered wildlife species within the zone of influence of the project.
- **Avifauna** – the potential interactions between the project and avifauna and avifauna habitat and any vulnerable, threatened, or endangered species within the zone of influence of the project.
- **Vegetation** – the potential interactions between the project and rare vascular plants (those classified as Red or Blue-listed in British Columbia and listed under Schedule 1 of the Species at Risk Act) and the biodiversity of Cypress Provincial Park.

#### **Atmospheric Environment**

- **Air Quality** – the potential interactions between the project and the air quality within Cypress Provincial Park.
- **Noise** – the potential interactions from construction and operation noise on the assessed valued components.



- **Viewshed** – the potential interactions between the project and the viewshed within Cypress Provincial Park, in relation to the assessed valued components, including effects from alteration of the natural environment of the park and from light pollution.

#### **Socio-Economic Environment**

- **Recreational Access** – the potential interactions between the project and recreational access during all phases of the project.
- **Park Use by the Public** – the potential interactions between the project and park use by the public during all phases of the project.

#### **Cultural Environment**

- **Archaeology** – the potential interactions between the project and archeological resources during all phases of the project.

The environmental assessment will also include consideration of the effects of the environment on the Project, including extreme weather events (e.g., precipitation, fog, snow drift, wind, lightning, floods, climate change), geological processes (e.g., erosion, seismic activity, land and rock slides, unstable soils), and natural forest fires as they may substantially affect the Cypress Venue.

