

Canoe '22

Bringing the best in the world to Lake Banook.

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Lake Banook Watersport Racing Park Planning Scope Document

PROJECT GOAL - To develop one of the world's best Watersport Racing Parks!

Lake Banook Watersport Racing Park, will become the top venue for the hosting of world class racing including World Championships, as well as hosting special, made for TV, World Cups spectacles for water racing sports such as but not limited to Canoe Sprint, Canoe Marathon, and Rowing.

Our local athletes deserve the best racing venue as they prepare to compete on a world stage. This venue will serve thousands of local athletes from age 8 to 80.

We imagine a venue that is a center piece attraction in Dartmouth for all residents with year-round access to enhanced park facilities, and a festival ground with permanent spectator seating on the shore of the lake on Prince Albert Road.

PROJECT SCOPE

To improve the already highly regarded but dated Lake Banook competition course (Field of Play) and Back of House Facilities (surrounding shoreline areas of Lake Banook). To rival and exceed the best water sport facilities in the World.

We are thinking of this planning project the way we would think if we were building a stadium. The project will include infrastructure scope that covers the entire area around the lake:

- Race course: buoy system, start lines, start towers, return lane
- Parks: Grahams Grove Park, Birch Cove Park, Oakwood Park
- Buildings: judges tower, annex
- Docks
- Power and Information Technology – wifi, fibre network, media network, power, video distribution and presentation
- Spectator area on Prince Albert Road
- Medal presentation area

PROJECT TIMING

Project planning is to be completed in 2019. Project delivery will be broken into phases beginning with 2022 World Sprint Canoe Championships preparation and may include phases that extend beyond 2022.

COMPETITIVE ANALYSIS - World's Best Sprint Racing Centres.

Lake Banook in Dartmouth is ranked as the top centre in the Americas (North, Central & South America) having already hosted the - 1987, 1989, 2000, 2009, 2018 International Canoe Federation (ICF) World & Pan American Canoe Sprint and Canoe Marathon Championships.

The top sprint racing centres in Europe are; Moscow Russia, Duisburg Germany, Szeged Hungary and Racice Czech Republic.

In Asia, the top racing centres are; Beijing China, Tokyo Japan and Penrith Australia are considered to be the best.

In order to continue to be awarded World Championships beyond 2022, Lake Banook needs to come up to European standards.

THE VENUE - Field of Play

Lake Banook is a 1500-metre-long beautiful natural lake that is oriented North to South in the heart of Dartmouth, Nova Scotia. It is surrounded by neighbouring parks and lovely homes. It supports an Albano race course of a total length of 1000 metres with 3 starting platforms at the 200, 500, and 1000 metre marks. Polaritas (world renowned) starting systems is installed at each key mark and are stored on site when not in use. The overall course is fully approved by the ICF meeting all required race course standards as an **"A class"** course.

SUPPORT SERVICES - Back of House

The finish line tower, which is a major requirement of the ICF, stands in the lake close to the course and perpendicular to the finish line.

Situated immediately behind the tower and on the shore is an Ancillary building (Annex) which services the Atlantic Division of Canadian Canoe and houses offices, board room, washrooms and is home to one of Canada's National training centre of excellence.

For major events with large number of competitors and support staff Birch Cove Park which lays along the West side of the Lake offers the space required. When set up for a major event, it is a comfortable location for teams with tent areas for weather protection, showers, washrooms and strategically located boat racks for their

equipment. It also includes special areas for boat and equipment repairs, special ParaCanoe requirements and carefully located docking for easy access to the lake.

When needed for the larger events such as World Championships, facilities usage and infrastructure capacity is topped up with the use of surrounding Canoe and Rowing club facilities. This helps to provide the extra spaces for offices, boardrooms, queuing areas to provide an Accreditation location, Team Leaders and Officials' meetings. Host committee and reproduction and distribution spaces need to be closely located to the field of play.

The International organizations have large requirement for space for their Executive officers, officials and staff that need to be close to the racecourse.

Historically, Media and Press areas are well situated on the east side of the lake using the Mic Mac AA Club and adjacent parking lot, as well as Silver's Hill to house TV broadcast requirements, media-press location and media "scrum" interview area close to athletes and post race boat control.

The Ceremonies staging and queuing and dressing spaces are well located on this side of the Lake working in harmony with the Spectator experience.

The Spectator experience is paramount to a successful event and the area here is ideal. It provides for stadium seating with VIP enhancements. Shoreline viewing and Festival opportunities line Pleasant Street with space for concessions, merchandising, and washrooms all in an accessible area.

Information technology requirements have become mission critical for hosting major race events. We will refer to these collectively as "Smart Lake" requirements.

Consideration must be given to IT needs related to internet access both wired and wifi, streaming video bandwidth needs, drone and fixed camera position, media centre location and access to data feeds from the tower, wired video distribution to display at the venue (video walls and monitors throughout venue), lighting and sound system.

UPCOMING OPPORTUNITIES

Canoe Kayak Canada in March 2018 at the ICF Board meeting in Tokyo Japan won the rights to host the 2022 ICF Canoe Sprint World Championships in Dartmouth Nova Scotia and provides the impetus to challenge ourselves to develop our Watersport Centre to higher levels of excellence.

There are a number of key updates desired for the Lake Banook venue to improve the long-term hosting capabilities for the 2022 World Championships and beyond. Below is a list of key needs in terms of canoe specific site improvements and infrastructure updates and general public improvements.

The key buildings are given a very high ranking because of the multiple use cases required of updated buildings and increased footprint for the championships and associated events. These include necessary ParaCanoe infrastructure requirements for a

growing scope of this element of the world championships, increased lakeside storage for equipment (start lines, buoy systems, repair equipment etc.), increased footprint for required staff and officials needing on site proximity to the lake and viewing planes), and much more.

WATERSPORT RACING PRIORITIES

1. Judge's Tower – need for a major renovation to meet & exceed ICF standards
2. Annex (ancillary building) – expansion to meet ICF requirements and legacy requirements for high performance training and para athlete access.
3. Information Technology infrastructure – “Smart Lake Capabilities” and sport presentation upgrades required
4. Return Lane Improvements – need for a NEW innovative system
5. Dock Improvements – a well planned system needed to maximize potential

*Note, canoe specific improvements with direct impact to the hosting of the 2022 Championships, these needs are related to direct budget requests that have been made of the provincial, municipal and federal governments.

PARK PRIORITIES

1. Prince Albert Road
 - a. Boardwalk upgrades
 - b. Power line
 - c. Permanent spectator seating
 - d. Festival Lighting
 - e. Festival sound system
2. Graham's Grove Park improvements
 - a. Parking improvements
 - b. Trailer Storage for events
 - c. Para-canoe camps
3. Birch Cove Park facilities
 - a. Restrooms
 - b. Shelter improvements
 - c. Event Seating
 - d. Improved athlete experience