

BUBBLE CURTAIN FOR DEBRIS AND JELLYFISH

To properly target your needs, we ask that you fill out this form to the best of your knowledge. Accurate and complete responses will help us attain a design closest to your needs. Do not hesitate to contact us if you have any questions.

1 of 3

DATE:	
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Please complete, save and return to us. *Thank-you.*

GENERAL INFORMATION: <i>Please fill in all fields</i>	
Company Name :	
Billing Address :	
Company Address :	
Contact Name :	
Title / Function :	
Phone number :	
Contact Person's e-mail :	
Billing e-mail :	

PROJECT INFORMATION:	
Project Name :	
Location	
Google Earth Link (GPS Point) :	
Type of Debris :	<input type="checkbox"/> Aquatic Weeds <input type="checkbox"/> Branches and Organic Material <input type="checkbox"/> Plastics <input type="checkbox"/> Jelly fish <input type="checkbox"/> Harmful algal blooms <input type="checkbox"/> Others:
Area or Length of Protected Area:	
Project Deadline :	

INFORMATION ON THE SITE:	
Type of Body of Water :	<input type="checkbox"/> Lake <input type="checkbox"/> River <input type="checkbox"/> Sea <input type="checkbox"/> Ocean
Type of Water :	<input type="checkbox"/> Fresh <input type="checkbox"/> Brackish <input type="checkbox"/> Salt
Depth or Depth Gradient :	Maximal Depth: _____ Minimal Depth: _____
Water Flow, or Speed of Water :	
Dominant Wind Direction :	From: _____ To: _____
Electric Power Available on the Site : (Voltage and Amperage)	
Electric Power Location:	<input type="checkbox"/> Barge <input type="checkbox"/> Shore <input type="checkbox"/> Others:
Distance from Electrical Source to Work Area : (Indicate on the Plan)	

INFORMATION REQUIRED FOR CFD MODELLING:

CanadianPond.ca can offer a Computer Fluid Dynamics (CFD) service for your project. The following documents are required for CFD Modelisation :

- Bathymetric survey
- Average Wind direction and speed
- Water current or tides direction and speed
- Particle size (debris, plastic, jellyfish, etc)
- Site drawings or plans (CAD files required)

CFD Modelisation allows the prediction of the efficiency of the bubble curtain to deflect debris. This service helps designing the optimal bubble curtain system and acts as a proof of concept for potential stakeholders in your project. Fees are applicable for this service.

Is there or will there be a Call for Tender associated to this project?

YES

NO

If yes, what is the name or reference number of the Call for Tender?

ADDITIONAL INFORMATION:

REQUIRED DOCUMENTS:

On Page 3, please provide us a sketch or plan that includes :

- Location of the power source
- Area to be protected
- Bathymetry (depth)
- Current direction (including tidal movement)
- Restrictions or Obstructions (access to site and security of site)

Thank you for completing this form. This document will be used for evaluation and estimation purposes only. The information provided in this form will allow us to develop a solution that will fulfill your needs as accurately as possible. This solution may be subject to change if the information in this document is not accurate enough or is missing. In some cases, additional tests or an on-site visit may be necessary.

INSTALLATION SKETCH:

A large, empty rectangular box with a black border, intended for an installation sketch.