

# GEOWEB® Channel Protection System

Project \_\_\_\_\_

Distributor: \_\_\_\_\_

Project Name: \_\_\_\_\_

City: \_\_\_\_\_

Estimated Geoweb® area:

\_\_\_\_\_ m x \_\_\_\_\_ m = \_\_\_\_\_ m<sup>2</sup>

Tender: Yes  No

Projected Bid Date: \_\_\_\_\_

Planned construction Startup: \_\_\_\_\_

Known competitors: \_\_\_\_\_

Describe problem to be solved by the Geoweb® system :  
(Please provide a sketch or cross section!)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Alternative/ Conventional way of construction (without Geoweb®):

\_\_\_\_\_  
\_\_\_\_\_

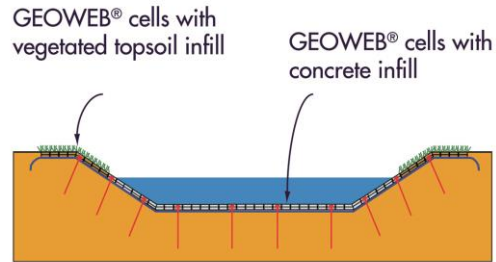
### Please note

The accuracy of preliminary designs/ evaluations based on RFPEs depends on the quality of the provided data. Specific values/ information which cannot be provided reduce the quality and reliability of preliminary designs since comparable values have to be assumed. Final designs always should be based on proper soil investigations and detailed load parameters – final designs are engineering achievements!

### Disclaimer/ Limitation of use

Evaluations/ Preliminary designs are copyrighted and specifically based upon the unique characteristics of Presto Product’s patented Geoweb® material. Evaluations will be prepared solely for the Requestor. Use of any part of Evaluations/ Preliminary designs with any materials not manufactured by Presto Products is strictly prohibited and shall make Evaluations/ Preliminary designs invalid.

The purpose of Evaluations/ Preliminary designs is to provide a potential use of Geoweb® products and does not represent an actual design to be used for construction or any other purposes. A final design shall be prepared by a licensed professional engineer based on actual field conditions.



Design information

What is the channel type?

- Trapezoidal
- Parabolic
- Rectangular
- Full Channel
- Stepped Trapezoidal
- Spillway/ Chute
- Other
- Bottom only
- One Embankment

What are the channel dimensions?

Base width \_\_\_\_\_ m      Top width \_\_\_\_\_ m  
Side Slope \_\_\_\_\_ H:V      Length \_\_\_\_\_ m  
Channel depth \_\_\_\_\_ m

What are the channel hydraulics?

Depth of flow \_\_\_\_\_ m      Manning' s "n" \_\_\_\_\_  
Velocity \_\_\_\_\_ m/ s      Discharge Q \_\_\_\_\_ m<sup>3</sup>/ s  
Bed slope \_\_\_\_\_ %

Water flow

- Continous      or       Intermittent (duration \_\_\_\_\_ hours)

What other hydraulic conditions apply?

- Surface sheet Runoff
- Ground water seepage
- Rapid Drawdown/ Time \_\_\_\_\_ hours
- Wave Action/ Wave height \_\_\_\_\_ m
- Ice Action
- Other

What is under the Geoweb?

- Native soil
- Stone or Gravel
- Rock
- Concrete
- Geomembrane/ Sealing
- Other

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What are the foundation soil properties?

Kind of soil (description): \_\_\_\_\_

Specific weight (kN/ m<sup>3</sup>): \_\_\_\_\_

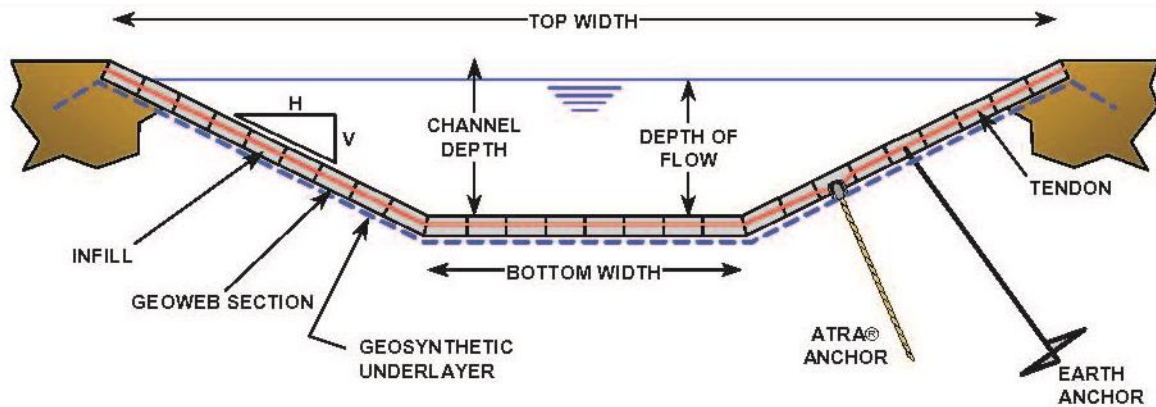
Angle of internal friction (°): \_\_\_\_\_

Cohesion (kN/ m<sup>2</sup>): \_\_\_\_\_

Which filling material is desired?

- Topsoil with vegetation
- Concrete
- Stone or Gravel
- Other

Which height (layer thickness) is requested \_\_\_\_\_ m



### Logistics information

- Cost estimation
- Quotation
- Preliminary design/ Calculation

needed by: